HUNDURE

HAMS-19

Software Manual

Version 2.3.23

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Manual Revision History

Manual Revision History				
Version	Description			
V2.0	First Edition			
V2.01	Modify 12-2 Schedule Setup. 6-1-9 Mifare write back and add hardware RAC-930/970 Series.			
V2.1	Modify typesetting			
V2.1.1	Add Elevator HDE-200/200N			
V2.1.2	Modify 5-1-4 Parameter 2			
V2.2	Modify typesetting			
V2.2.1	Modify 12-1 &12-2-2 Backup Note.			
V2.2.2	Add Appendix C : Troubleshooting when install Window Server 2012			
V2.3	Modify typesetting			
V2.3.1	Modify 8-9 Note			
V2.3.2	Modify 5-1-4 and 5-3-2 Reader Type			
V2.3.3	Modify 5-5-1 Group Authorization Setting picture. Add RAC-820PMFV Controller type.			
V2.3.4	Modify 8-9Duty Attendance Report & 11-2-5 Schedule Modify 12-2 Dump Data –HAMS Modify 8-4-1 Time Shift Setting Add 5-10 Biometric Reader Setting			
V2.3.5	Add HTA-500 Series. (Add Chapter8-10, 8-1-19~ 8-1-22)			
V2.3.6	HAMS-10 Add RAC-510 Series (Add Chapter 5-1-7~5-1-9) HAMS-19 Add RAC-820PMF			

V2.3.7	Modify 5-10 Biometric Reader Setting	
12.017	Add HTA-502PEF-N	
V2.3.8	Add 940/960/970PMD	
V2.5.0	Add 5-7 Mifare Setting	
	Add the models RAC-970PMDF , HTA-500PMF-N 、HTA-502PMF-N、	
	HTA-502PMF-V 、HTA-502PEF-NB。	
	Add Parameters- Add Wiegand Settings for RAC-2000WS , Alarm Settings	
V2.3.9	for RAC-4600/4600N; RAC-2000WSN F/W V1.06 and later version have the	
	parameter settings to set the LED's / Buzzer's High / Low level control.	
	Moreover, Add "fixed holidays" and password for time schedules; Modify	
	scheduling time synchronization and add time zones	
	Modify [Roll Shutter Mode] : For RAC-960PE/PM/PMD,RAC-970PE/PM/	
V2.3.9.1	PMD only.	
	Add the models HTA-500PEF-N、HTA-500PEF-V、HTA-502PEF-N	
V2.3.10	HTA-502PMF-NB、HTA-502PEF-V、HTA-502PEF-Y、HTA-502PMF-Y.	
V2.3.11		
	Modify 4-1 and 5-5	
V2.3.12	The Biometric Reader add PXR-96 Fingerprint reader.	
	The [Verify Device] is reserved.	
V/0 0 40	Modify 11-1 Database Operation & 11-2-2 Backup	
V2.3.13	Add the models HAC-101	
	Add HDE-120, applying for cell phone APP to open the door and	
V2.3.14	HAMS-FACE external program.	
V2.3.15	Add HAC-510 and modify audio prompt only for HTA-852V1.X	
	HAMS-19 removed the function of starting the hardware verification and	
V2.3.16	supported RAC-960PXF dual-card authorization function.	
V2.3.17	Add HAC-512 series/HAC-710 series/RAC-971 series	
V2.3.18	Add the models RAC-850PMFA	
V2.3.19	Add HAC-A12 Series and HTA-871 Series	
	Add RAC-971QE/QM (Parameters are the same as RAC-971PE/PM) /	
V2.3.20	HDE-970 Series	
	Add Emergency Card, Visitor Management, and HunFaceEY-Z2 Facial	
V2.3.21	Recognition Terminal	
	Delete the Database restore. / Modify Guest Access Operation	
V2.3.22	Add HAC-971 Series / HAC-C2 Series	

V2.3.22.1	Change the icon to BLE
V2.3.23	Modify Guest Access Operation

Quickly Guide

- First time to set access authorization. Procedure is as follows: HAMS-10
 - 1. Add new users
 - ▶ Basic → Cardholder Info Setting (Refer to Chapter 4-1)
 - 2. Create groups and assign authority
 - Access Control→ HAMS-10→Auth Setting→Group Auth Setting (Refer to Chapter 5-2-1)
 - 3. Download
 - ▶ Access Control → HAMS-10 → Auth Setting → Download (Refer to 5-2-3)

HAMS-19

- 1. Add new users
 - > Basic \rightarrow Cardholder Info Setting (Refer to Chapter 4-1)
- 2. Set time zone and time schedule
 - ➤ Access Control→HAMS-19→Access Control Time Schedule Setting (Refer to Chapter 5-4-1)
- 3. Create groups and assign authority
 - Access Control → HAMS-19→Auth Setting → Group Auth Setting (Refer to Chapter 5-5-1)
- 4. Download
 - > Access Control → HAMS-19 → Auth Setting → Download (Refer to Chapter 5-3)
- When there is a new user, how to set user access authority? HAMS-10
 - 1. Add user
 - ▶ Basic→Cardholder Info Setting (Refer to Chapter 4-1)
 - 2. Authorization
 - Access Control→ HAMS-10→Auth Setting→Group Auth Setting (Refer to Chapter 5-2-1)
 - In the Group Auth Setting, select groups and click Cardholder, tick the check box of users and click OK, authority setting is completed.
 - 3. Download
 - Access Control → HAMS-10 → Auth Setting → Download (Refer to Chapter 5-2-3)
 - Select download by By Group Auth or By Device → Modification → Start
 Download.

HAMS-19

- 1. Add user
 - > Add user Basic \rightarrow Cardholder Info Setting (Refer to Chapter 4-1)
- 2. Authorization
 - Access Control → HAMS-19→Auth Setting→Group Auth Setting (Refer to Chapter 5-5-1)
 - In the Group Auth Setting, select groups and click Cardholder, tick the check box of users and click OK, authority setting is completed.
- 3. Download
 - Access Control→ HAMS-19→Auth Setting→Download (Refer to Chapter 5-5-3d)
 - Select download by By Group Auth or By Device → Modification → Start
 Download.
- When user leave, how to remove his access authority? HAMS-10
 - 1. Remove user authority
 - Access Control→ HAMS-10→Auth Setting→Group Auth Setting (Refer to Chapter 5-2-1)
 - In the Group Auth Setting, select group and click Cardholder, un-tick the check box of user and click OK, remove is completed.
 - 2. Download
 - Access Control→ HAMS-10→Auth Setting→Download (Refer to Chapter 5-2-3)
 - Select download by By Group Auth or By Device → Modification → Start
 Download.
 - 3. Delete the user from cardholder list
 - ▶ Basic→Cardholder Info Setting (Refer to Chapter 4-1)
 - Search the user by Name, Card No, Phone and Emp No. And click delete.

HAMS-19

- 1. Remove user authority
 - Access Control→ HAMS-19→Auth Setting→Group Auth Setting (Refer to Chapter 5-5-1)
 - In the Group Auth Setting, select group and click Cardholder, un-tick the check box of user and click OK, remove is completed.

 \succ

- 2. Download
 - Access Control → HAMS-19→Auth Setting→Download (Refer to Chapter 5-5-3)
 - Select download by By Group Auth or By Device → Modification → Start Download.
- 3. Delete the user from cardholder list
 - ▶ Basic→Cardholder Info Setting (Refer to Chapter 4-1)
 - Search the user by Name, Card No, Phone and Emp No. And click delete.
- How to set export format
 - 1. Export format
 - System \rightarrow Schedule \rightarrow select "Export Setup" (Refer to Chapter 11-2-1)
 - In this page, you may select the fields.

Example : Request export report format as :

"2009/09/09,13:55:26,0001535800,000000002,00"

- 1. Select User-Defined and input ["], then click [NEW].
- 2. Select Swiped Date, and then click [NEW].
- 3. Select User-Defined and input [,], then click [NEW].
- 4. Select Swiped Time, and then click [NEW].
- 5. Select User-Defined and input [,], then click [NEW].
- 6. Select Card No., and then click [NEW].
- 7. Select User-Defined and input [,], then click [NEW].
- 8. Select Device ID, and then click [NEW].
- 9. Select User-Defined and input [,], then click [NEW].
- 10. Select Shift No, and then click [NEW].
- 11. Select User-Defined and input ["], then click [NEW].

HAMS-10

- 1. How to close reader numerical and function keys.
 - Access Control→HAMS-10→ Access Control Hardware Setting→ Parameter 2 →Keypad / Function key (Open or Close)

HAMS-19

- 1. How to disable/enable reader numerical and function keys.
 - Access Control →HAMS-19→ Access Control Hardware Setting → select the deice→ Parameter 1 → Keypad Setup (Un-tick the check box to disable keypads function)

Chapter 1 : About HAMS-19

HAMS-19 is modular design software with a single platform and a centralized database intended for Access Control, Time & Attendance, Elevator and Parking Management System. The integrated database design gathers different devices together and avoids duplicate data and inconveniency in data management. HAMS-19 support TCP/IP and COM port communication and provides English, Traditional and Simplified Chinese. To support localized language, the software comes with a language translation function for clients who wish to translate the software to their own language.

Chapter 2 : HAMS-19 Overview and Features

Modular designs software, suit for different application

- Modular design software integrates access control, time Attendance, elevator management and parking control in a unified platform. Provide wide expansion for current and future operation.
- Multi-function application, provide cheaper but complete program.

Using Object-Oriented Programming, expedites client software development time

- Programmed in Visual Studio .NET C#, object-oriented program design for flexible software customization.
- Capable of meeting different user requirements.
- Special modular design, support 3rd party integration.
- Access database, easy and quick installation. Support users in developing different database.

Multi-language support

- Use XML as a multi language switching data format to provide a customized development and design tool.
- Provide multi-language tool, shorten compose time.
- Provide flexible wording which base on different countries' demands.

Wide selections of communication interface and parameter setting.

- Support communication via RS-232,USB or TCP/IP.
- Synchronization function and parameter setting.
- Anti-pass back setting.
- Conditional unlock door function.
- Able to set retrieve code length and index.
- Reader tamper proof alarm.
- Maximum attempts to trigger re-swipe card alarm function supported; System ceases operation and enters security mode upon reaching max failed access attempts.

Access Control Management System

- Cardholder information management, with photo capture and query.
- Cardholder authorization setting allows users to easily set access authorization by door group.
- User-defined card number, access authorization and card validity.
- Anti-pass back setting.
- Holiday setting.
- Support several time schedule and holiday groups.
- Download all or download modified data for a more efficient data transmission.
- Events monitor and alarm event report.
- Access records query and report generation.

Schedule Setup

- Scheduled different operation modes in specific time.
- Schedule setup included :
 - Export records setup : User-define export path and column.
 - Synchronization : Synchronize to all controllers or specific controllers.
 - Backup setting.
 - First-last records export for time and attendance used.

Elevator Management

- Maximum attempts to trigger re-swipe card alarm function supported; System ceases operation and enters security mode upon reaching max failed access attempts.
- Ignores invalid card swipes.
- Saves access authorization within Mifare card thereby supporting unlimited cardholders.
- Provide 128 time schedules per elevator.
- Configurable accessible floor and time.
- Elevator access records query and report generation.

Parking Management

- Full control of parking barrier to ensure smooth traffic flow on entry and exit.
- Anti-pass back setting, prevents multiple entry using a single card.
- Diversified time schedules for parking control.
- Car access records query and report generation.

Time & Attendance Management

- Flexible management of employee's records.
- Friendly operation and quick setup of shift schedules.
- User-defined work hours, work schedules, work shifts etc.
- Export function supported for immediate calculation of employee's time attendance records.
- Employee's time & attendance query and report generation.

Patrol Management

- Support all controllers with patrol function.
- Patrol schedule and routes setting.
- Patrol Duty Status Setting.
- Checkpoint events query and report generation.

Chapter 3 : System Requirement

Software Develop Tool

- Visual Studio 2005 C# •
- Windows Application •

Operating System

- Windows XP Professional.
- Windows 2003 Server.
- Windows 2008 Server(32bit).
- Windows 7 Home Premium(32bit/64bit).
- Windows 7 Professional(32bit/64bit).
- Provides English, Traditional and Simplified Chinese.

Database

- Access.
- Microsoft SQL Server 2000.(Option)
- Microsoft SQL Server 2005.(Option)

Hardware Requirement

- Processor : Dual Core Processor and above.
- Memory : 2G memory and above.
- Hard Drive : 320GB HDD and above.
- Monitor : 1024 x 768 at least.
- At least a set of com port.
- Built-in 10/100 RJ45 TCP/IP communication.

Chapter 4 : Installation

HAMS-19 Installation Procedure :

1. Put the CD enclosed in the package in CD ROM drive. The system will check if the PC had installed .Net Framework2.0. If PC does not have it, system will visit Windows website to upgrade the system. User can also install .Net Framework2.0 manually through CD.



Setup - HAMS-19 License Agreement Please read the following important information before conti	
Please read the following License Agreement. You must acce agreement before continuing with the installation.	
SOFTWARE AGREEM	ENT
PLEASE READ THIS SOFTWARE AGR CAREFULLY BEFORE USING THE SOF	
BY CLICKING ON THE "ACCEPT" BUTT CONSENTING TO BE BOUND BY THIS A	AGREEMENT.
 I accept the agreement I do not accept the agreement 	
< Back	Next > Cancel

3. Please select folder path. You can click browse to select path which you want to put. After that, please click $\lceil Next \rfloor^{\circ}$

🕑 Setup - H	IAMS-19		
	estination Location should HAMS-19 be installed?		
	Setup will install HAMS-19 into the	following folder.	
To con	tinue, click Next. If you would like to	select a different folder, dic	Browse.
C: \HA	MS-19		Browse
At leas	t 71.9 MB of free disk space is requi	red.	
		< Back Next >	Cancel

4. Input shortcut name in start menu folder, then click $\lceil Next
ightarrow \circ$

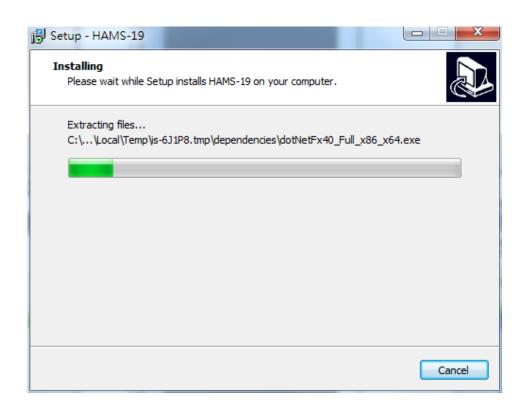
B Setup - HAMS-19	
Select Start Menu Folder Where should Setup place the program's shortcuts?	
Setup will create the program's shortcuts in the fo	lowing Start Menu folder.
To continue, click Next. If you would like to select a differer	nt folder, click Browse.
HAMS-19	Browse
< Back	Next > Cancel

5. Tick the check box to create an icon on the desktop, then click $\[\] Next \]$.

<mark>믉 Setup - HAMS-1</mark> 9	
Select Additional Tasks Which additional tasks should be performed?	
Select the additional tasks you would like Setup to perform while then dick Next.	e installing HAMS-19,
Additional icons:	
Create a desktop icon	
Install Extend components	
Install DotNet Framework 4.0	
< Back	Next > Cancel

6. Click [Install] to starting the installation of HAMS-19.

Setup - HAMS-19	X
Ready to Install Setup is now ready to begin installing HAMS-19 on your computer.	
Click Install to continue with the installation, or click Back if you want to review or change any settings.	
Destination location: C:\HAMS-19	*
Start Menu folder: HAMS-19	
Additional tasks: Additional icons: Create a desktop icon Install Extend components Install DotNet Framework 4.0	
٠	Ŧ
< Back Install (Cancel



7. Click 「Next」 to install Crystal Report for .Net Framework2.0

j <mark>-</mark>] Setup	- HAMS-19	
Install Plea	ing ase wait while Setup installs HAMS-19 on your computer.	
Finis	shing installation	
	Windows Installer	
	Preparing to install	
		Cancel
		Cancel

8. Select $\ensuremath{\,^{\ensuremath{\mathsf{I}}}}$ I Agree $\ensuremath{_{\ensuremath{\mathsf{J}}}}$ and click $\ensuremath{\,^{\ensuremath{\mathsf{Next}}}}$.

🕼 Crystal Reports for .NET Framework	2.0 (x86)
License Agreement	
Please take a moment to read the license agre Agree'', then ''Next''. Otherwise click ''Cancel'	ement now. If you accept the terms below, click "I
	SOFT VISUAL STUDIO 2005 LICENSE
YOU AND BUSINESS OBJECTS SOFT FOR THE BUSINESS OBJECTS SOFT WHICH MAY INCLUDE COMPUTER PRINTED MATERIALS AND ONLINE ("SOFTWARE"). BEFORE CONTINU	HIS IS A LEGAL AGREEMENT BETWEEN WARE LIMITED ("BUSINESS OBJECTS") VARE PRODUCT IDENTIFIED ABOVE, SOFTWARE, ASSOCIATED MEDIA, OR ELECTRONIC DOCUMENTATION ING WITH THE INSTALLATION OF THE NOWLEDGE AND ACCEPT THE TERMS
◯ I <u>D</u> o Not Agree	Agree
	Cancel < <u>B</u> ack <u>N</u> ext >

9. Staring install .Net Framework2.0.

🕼 Crystal Reports for .NET Framework 2.0 (x86)	
Installing Crystal Reports for .NET Framework 2.0 (x86)	
Crystal Reports for .NET Framework 2.0 (x86) is being installed.	
Please wait	
Cancel < Back	<u>N</u> ext >

10. .Net Framework2.0 installation completed. Click $\ ^{\lceil}$ Close $_{\perp}$.

🕲 Crystal Reports for .NET Framework 2.0 (x86)	
Installation Complete	
Crystal Reports for .NET Framework 2.0 (x86) has been successfully installed. Click "Close" to exit.	
Please use Windows Update to check for any critical updates to the .NET Framewor	k.
Cancel < Back	<u>C</u> lose

11. Please select system data language (Current provides English, Traditional and Simplified Chinese). Click 「OK」, the installation completed.

Language ystem	
System data language English	*
	OK Cancel

12. HAMS-19 installation completed. Click \lceil Finish \rfloor .



Chapter 5 : HAMS-19 Start-up

1. Login HAMS-19

There are two ways to execute the program.

• Double click HAMS-19 shortcut icon on desktop.



● Click Start→Programs→HAMS→HAMS

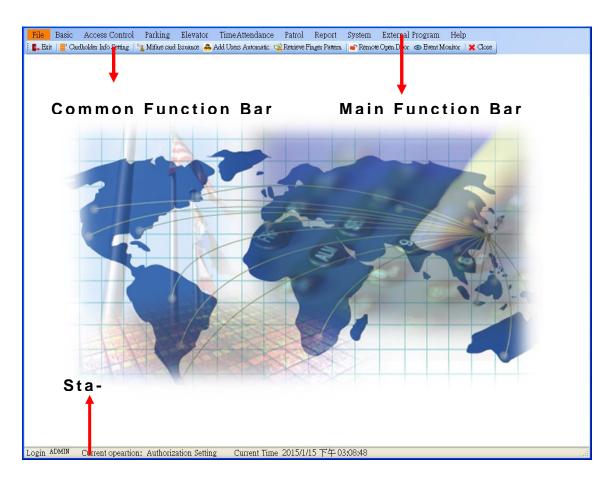
Default account is ADMIN and password is ADMIN. Click OK. A screen will pop out and ask if you want to create a new account.

🛃 Login	Suggestion
Account Password OK Cancel	Do you want to modify now? Do you want to create a new account? Yes Later

- 1. Click $\lceil New \rfloor$
- 2. Input new supervisor name, account and password.
- 3. When operation authority is supervisor, all the check boxes will be ticked and original HAMS-19 account ADMIN and password ADMIN will lose efficacy automatically. If general user is selected, users need to tick the programs in which the particular user has authorization to execute.
- 4. Click Save

2. System Workspace Description

There are three parts : Main Function Bar, Common Function Bar and Status. When using sub-item of main function bar, the icon will show different color to highlight current work-space, allowing the user to easily know which sub-item he is browsing.



Tips :

- Change background : Point at background and press right key of mouse, and then appoint path of JPG or BMP file.
- Select all : You can click the mouse in the left upper corner of sheet, all are becoming blue as well. It is select all.

Modify Cancel Save Cancel Advance			🗹 Se	elect 🔲 Reverse	Select	
	No	Start Time	End Time	All	Name	No
•	0	00:00	23:59	▶1	DAV1	0000000001
	1	00:00	00:00	2	DAV2	00000002

Modify Cancel Save Cancel Advance				
	No	Start Time	End Time	
Þ		00:00	23:59	
	1	00:00	00.00	
	2			
	3			
	4			
	5			
	6			
	7			
	8			
	9			
	10			

🗹 Se	🗹 Select 🔲 Reverse Select		
All		Name	No
▶ 1		DAV1	000000001
2		DAV2	00000002
3		DAV3	00000003
4	े ले	DAV4	000000004
5		DAV5	000000005
6		DAV6	00000006
7		DAV7	000000007
8		DAV8	000000008
9		DAV9	00000009
10		DAV10	000000010
11		DAV11	000000011
12		DAV12	000000012
13		DAV13	000000013
14		DAV14	000000014
15		DAV15	000000015

1. Function Bar List :

File	Basic	
Company Information	*Cardholder Info. Setting	
Parameter Adjustment	Department Info. Setting	
Language	Card Issuance Operation \rightarrow	
	*Mifare Card Issuance	
	Temporary Card Issuance	
	Issuance Guest Card	
Logout	Operators Setting	
	Import /Export	

Access Control	Parking	
HAMS-10→		
Access Control Hardware Setting	Parking Setting	
Auth Setting		
HAMS-19→		
Access Control Hardware Setting	Parking Time Schedule Setting	
Access Control Time Schedule Setting		
Auth Setting		
Event Monitor	Parking Auth. Setting	
Add Users Automatic	Parking Access Report	
Retrieve Biometric Characteristics		
Remote Open Door		
Biometric Reader Setting		

Time Attendance	Elevator	
Llardwara Catting	Elevator Controller Type→HDE-100	
Hardware Setting	HDE-200	
Auth Setting	Elevator Setting	
Time Attendance Setting	Elevator Time Schedule Setting	
Duty Shift Setting	Elevator Cardholder Auth. Setting	
Input Operation	Swipe Card Report	
	Elevator Cardholder Auth Report (for	
Attendance Records Transferring	HDE-100)	
Time Attendance→		

Late Statistic
Un-swipe Card Report
Daily Attendant Statistic
Working Status Report
Employee Access Report
Leave Statistic
Working Hours Report
Attend Report
Duty Attendance Report

Patrol	Report	
Patrol Hardware Setting	Cardholder Info. Report	
Patrol Route Setting	Department Info. Report	
Patrol Duty Status Setting	Hardware Event Report	
Patrol Report By Line	Swipe Card Report	
Patrol Report By Status	Alarm Report	
	Temporary Card Report	
	Guest Card Report	
	Login Report	
	History Report	
	First-Last Report	
	Unknown Report	
	First-Last Monthly Report	

System	External Program
Database Operation	Dump Tool
Schedule	
Manual Export	

Help	
Service	
V1.X	

- 2. Common Function Bar : Above sub-items with ^[*] mark has its own icon on the common Function Bar.
- 3. Status : Display log in account, current operation function and current date and time.

3. File

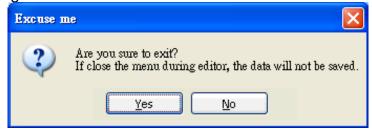
3-1 Company Information

Please input company name and customer service line.

Company name is necessary; due to it is the supervisor department of all sub-department. The new company name will appear on "Department Info. Setting" program. If you want to modify information, please go to "Department Info. Setting"

🔜 Company Information	
Company Name	
TEST	
Service phone number	
Save Exit	

Click the button "Exit", system will pop up a message to check if you want to exit this function before the saving.



Click the 'Exit" button in HAMS and may log out the HAMS system.



3-2 Parameter Adjustment

Adjusts parameter of Mifare card reader. Double click on the column "value" and input the value directly, then click $\ \ \ Save_{\perp}$.

1. Reader : Mifare card reader setting includes:

- Key B : Input Mifare Key value. Default is FFFFFFFFFF •
- Key A : Input Mifare Key value. Default is FFFFFFFFFFF •
- Compress : Compressed or not. (Default)Value 0 signifies uncompressed card number. Value 1 signifies compressed card number.
- ELVKey : Reserved

pe	Reader			•
	-			
	Pattern	Description	Value	
	KeyB	Key B Setting	****	
	КеуА	Key A Setting		
	Compress	Compress Card No?	0	
	ELVKey	EL Group Password	****	
	McardKey	mCard Key	****	
	VerifyKey	Verify Key	xxxxxxxxxxxxxxx	

- McardKey: The Mcardkey must be set to use the mobile phone to open the door.
 (Can be set to 24 bytes, limited to English / number)
- VerifyKey: The Verifykey must be set to use the mobile phone to open the door. (Can be set to 24 bytes, limited to English / number)

Note: The key set by McardKey and VerifyKey cannot be the same.

Then refer to Chapter 4-1-1 to apply for mobile phone to open the door.

e	Reader			•
	Pattern	Description	Value	
	KeyB	Key B Setting	****	
	KeyA	Key A Setting	****	
	Compress	Compress Card No?	0	
	ELVKey	EL Group Password	****	
	McardKey	mCard Key	123456	
•	VerifyKey	Verify Key	654321	

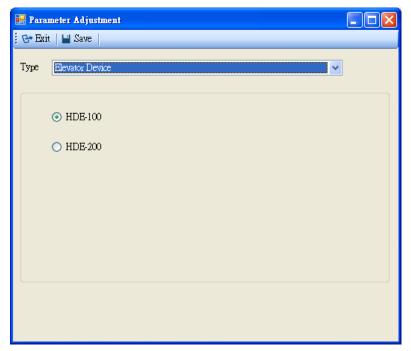
[Database Manager]

 DBsize(MB) : Input value of database size. When the database is almost full, system will pop on the message to remain user to compact database or re-set database size.

🔜 Рага	meter Adjustment			
🗄 😁 Exi	it 📔 Save 📗			
Туре	Database Manager			~
	Pattern	Description	Value	
•	DBSize	Database File Size(MB)	500	

[Elevator Device]

If you had installed elevator control panel, please select elevator model here.



[Mail]

Description of fields (Please refer to current mail box settings) SmtpServer : Mail server SmtpSort : SMTP Port LoginID : Account LoginPass : Password MailAddr : EMAIL address · Subject : Subject MailFrom : Sender

Note : Mail address is necessary field. Please input mail address in cardholder info setting too. If mail address is filled, when there are events, system will send mail to the user. (The QRCode of the visitor card is also sent to the visitor from here)

🔡 Para	meter Adjustme	nt			
Ext	it 🛛 🔛 Save 👘				
Туре	E-Mail			~]
	Pattern	Description	Value		1
►	SmtpServer	SMTP Server	n A	t	
	SmtpPort	SMTP Port	25		
	LoginID	Account	alan		
	LoginPass	Password			
	MailAddr	E-MAIL Address	al	om	
	Subject	Subject	test		
	MailFrom	From	a	com	

[Show Message Mode]

Support LCD display monitor type and provide Name, Name (only display one word, use O), Employee number and card number for the displayed message.

🖳 Para	meter Adjustment	
Ex	tit 🔛 Save	
Туре	Show Message Mode	•
	Name	
	 Name(Only display one word, use O) 	
	💿 Emp No	
	Card No.	

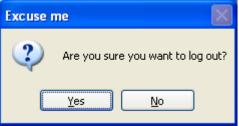
3-3 Language

System provides English, Traditional Chinese, Simplified Chinese and Spanish. After select language, click $\lceil OK \rfloor$, system will back to login screen.

🔛 Language	
🗄 😋 Exit 🔛 Save	
System data language	
English	

3-4 Log Out

When you click Log out, system will pop up a screen asking for a confirmation. Click $\lceil Yes_{ }
ightharpoonriste are preserved are provised are provised are provised are pr$



4. Basic

4-1 Cardholder Info. Setting

Support adding, delete, modify cardholder information and card number. Adding Cardholder Operation Steps :

- 1. Click $\lceil New_{\perp} \rceil$, input cardholder information.
 - Name (required), 20 letters available.
 - Department (Click Key ... will link to Department Info. Setting.), 10 letters available.
 - Emp. No.(required), 10 letters available.
 - Second name, 40 letters available.
 - Date Start, 8 letters available.
 - Resignation Date, 8 letters available.
 Note: The date start and resignation will be regarded as the effective date of the card under the HDE-120 device.
 - Card No, 16 letters available.
 - Password : Allow users access by card+ password. Max. 4 digits.
 Note: The HAC-100/101 device, the password is fixed at 4 codes.
 - Duty Shift Name : Click key ... will link to Duty shift setting.
- 2. Click "Advanced", you can input other information as below :
 - Birth Date, click drop down menu, you can select date.
 - Phone 1, 15 letters available.
 - Address, 50 letters available.
 - Phone 2, 15 letters available.
 - Defined1 : This field is for operator to make notation. Ex : A building or B building.
 It will not show on the report or controller.
 - Defined2 : Same with above.
 - National ID No., 15 letters available.
 - E-mail, 30 letters available.
- 3. Click $\lceil Save \rfloor$.

File	Basic	Access Control	Parking Elevator	TimeAttendance Patrol Report System External Program Help
		- 1 -		Add Users Automatic 🞲 Retrieve Finger Pattern 🖝 Remote Open Door 💿 Event Monitor 🗶 Close Q. Seach 14 First record: 🔺 Preceding 🕨 Next: »1 Last record 📣 Update
Selec	t	•	Records:10	
	Name	Emp No	Department	Name: Daveid1
1	Daveid1	000000001	General Manager	
2	Daveid2	000000002	General Manager	
3	Daveid3	000000003	Marketing Busin	Emp No: 0000000001
4	Daveid4	000000004	Marketing Busin	Second Name:
5	Daveid5	000000005	Research Busine	Date Start
6	Daveid6	000000006	Research Busine	Resignation Date:
7	Daveid7	000000007	Production Busin	Card No: 1894253946
8	Daveid8	000000008	Production Busin	Photo Setting
9	Daveid9	000000009	Chairman room	Password: Photo Delete
10	Daveid10	000000010	Chairman room	Duty Shift Name
				Card Swiped Only
				Card No Type Fingerprint Card Type Card Group Add
				▶ 1894253946 Valid card X
				Delete
				BlackList
				Group Name
				HAMS-10
				Time Zone Setting
				Group Setting
				Download Type
				O Download All
				 Modification
				Download
				Downwood

4. Card No. : To add more cards to a cardholder, please check follow steps.

•	Add New Card :	Click Card No. key Add, a screen will pop up, please input card number and select card type.
•	Delete Card /Change Card No :	Click Card No. key Delete, a screen will pop up, please input card number and select the reason.
•	Blacklist Setting:	Click Card No. key Black List, the card will be automatically set as blacklist card.

- 5. If you want to modify the card information, please select the card from the list and double click to modify it.
- 6. Click "OK" to complete the card number.

🗣 Add New Card	🖳 Delete Card
Add New Card Card No: Card Type Valid card Valid card Valid card Patrol Card Supervisor card Fratemity Card Card Group OK Cancel	Card No: Card No: 000000001 Delete Reason © Lost © Change Card Confirm Cancel

Card Type : (HAC-710/RAC-971QE/RAC-971QM/HAC-A12 series support priority card and supervisor card)

- Valid Card: Default.
- Patrol Card: Need to work with patrol function.
- Supervisor Card: The card is not restricted by time schedule, and is for supervisor.
- Fraternity Card: The card can unlock door for 30 seconds, and is for special condition user.

🖳 Add New Card	
Card No:	
Card Type Valid card	•
Card Type	•
Main Card Slave Card Multiple card	
ОК	Cancel
	4

Card Type :

- RAC-960 Fingerprint Controller: Please refer to (HAMS-19) hardware setting chapter (Parameter 2), tick "Dual card" to enable the function.
 - Only two people swipe their cards or scan their fingerprints to unlock the door during the restricted time.
 - The two users must be in Group A, or two users must belong to the different groups (one is in Group A and the other is in Group B), but they cannot be in Group B.

Dual card function description	Authorized unlock door
During the period, unlock the door	Success
by swiping card of Group A + card	
of Group A	
During the period, unlock the door	Success
by swiping card of Group A + card	
of Group B	
During the period, unlock the door	Failure
by swiping card of Group B + card	
of Group B	

• RAC-2400 Control Panel: RAC-2400 Control Panel: About master/slave card and dual card setting, please refer to "Modify DOOR" in Hardware Setting Chapter

(HAMS-24). In "Reader Action Setting", select "Master / Slave Card Time Schedule" and set to "Access Door Point" to enable this function.

- Master/Slave Card: In the same group, any master card matches any slave
- Dual Card: Swipe any two cards of the same group can unlock the door.

Card Group : There are 64 groups for master/slave card and dual card combination. With RAC-960 / RAC-2400 can set the groups.

 $\[\]$ Select $\]$ icon provides search by name, card number, phone 2 or Emp. No. User will get all employee information as required after clicking $\[\]$ Search $\]$. Return to beginning screen with all cardholders information, please click $\[\]$ Update $\]$.

Other Icon functions :

- Photo Setting : It is recommended that the photo file not exceed 100K for the optimum display. Support JPG
 BMP
 GIF format. Click
 Photo delete
 to delete photo.
- Card Swiped Only: When tick the check box, it signifies the cardholder may access by card, do not need use biometric characteristics. (For biometric characteristics device only)
- Software selection : Please select what software you want to use.
- Time Zone Setting : Time zone setting page will pop up after click this button. If the controller does not have time zone function. This button is no effect.
- Group Setting : Authorization setting page will pop up.

 You can create authority directly.

Download Type :

- Download All : Download all users' information and authorizations.
- Modification : Download modified users' information and authorizations.
- Download : Please click download button and system will download into controller.

elect		•	Records:100	~~~~		, i i i i i i i i i i i i i i i i i i i		a 🗣 opano	P. r.p.p.)	o open door by cell phone
	Vame	Emp No	Department	_		DAV1				
		000000001	A							
2 D	AV2	000000002	A		-	A *				
3 D	AV3	00000003	A	=	Emp No:	000000001				
t D	AV4	000000004	A		Second Name:					
5 D	AV5	000000005	A		Date Start:		-			
5 D	AV6	000000006	A		Resignation Date:					
7 D	AV7	000000007	A		Card No:	0000000001				
8 D	AV8	80000000	A						Photo Settis	ng
9 D	AV9	000000009	A		Password:				Photo Dele	te
10 D	AV10	0000000010	A		Duty Shift Name		*			
11 D	AV11	0000000011	A			Card Swiped Only				
.2 D	AV12	0000000012	A		Card No	Type Biom	etric Charact C	ard Type	Card Group	Add
13 D	AV13	0000000013	A	Þ	0000000001	Valid card X				
14 D	AV14	0000000014	A							Delete
15 D	AV15	0000000015	A	•					- F	BlackList
16 A	MY16	0000000016	В	F	Groun	Name				
17 A	MY17	0000000017	В	•	aa					HAMS-19 -
18 A	MY18	0000000018	В							Time Zone Setting
19 A	MY19	0000000019	В							Group Setting
20 A	MY20	000000020	В							Download Type
21 A	MY21	0000000021	В							 Download All
22 A	MY22	000000022	В	-						Modification

4-1-1 Apply to open door by cell phone

After scanning the QRCODE displayed by the system to get the card number, BLE APP can be used to open the door.

Caution: Before applying for door open with cell phone, please download the BLE App on your cell phone. After the installation is complete, open the App and verify the code with software verification.

Please set the McardKey and VerifyKey keys first (refer to section 3-2 Parameter Adjustment) and mKey settings. (Please refer to chapter 5-7-5 mKey settings).

_.

	File <mark>Basic</mark> Access Control Parking Time Attendance Elevator Patrol Report System External Program Help 🕼 Brit 📑 Cardholder Info Setting 🔨 Mifare setting 🏯 Add Users Automatic 🥨 Retrieve Finger Pattern 🗬 Remote Open Door 👁 Event Monitor 🗙 Close							
	L nut a Canoniciar into sering Nutrice sering Acoustics Automatic Concellenter inger Fattern Rende Open Door Concellent Note (Cancel Concellent) Cancel Advance Concellent Instituctore Nett Last record 1 Update Concellent Door by cell phone							
				e 🔍 Search A First record A Preceding > Next > Last record 47 Uper	Apply to open door by cell phone			
Selec		•	Records:100					
	Name	Emp No	Department	Name: DAV1				
) 	DAV1	0000000001	A	Department A				
2	DAV2	000000002	A					
3	DAV3	000000003	A	🖳 Apply to open door by cell phone	X			
4	DAV4	000000004	A	📴 Exit 🛛 🔐 Display QRCode 📄 🔤 Send Email				
5	DAV5	000000005	A					
6	DAV6	000000006	A	Name DAV1				
7	DAV7	000000007	A	Emp No 000000001				
8	DAV8	000000008	A		tting			
9	DAV9	000000009	А	Card No 0000000001 -	elete			
10	DAV10	0000000010	А	Verification code				
11	DAV11	0000000011	А					
12	DAV12	000000012	А		Add			
13	DAV13	000000013	А					
14	DAV14	000000014	А		Delete			
15	DAV15	0000000015	A		BlackList			
16	AMY16	000000016	В					
17	AMY17	000000017	В		· · · · ·			
18	AMY18	0000000018	В		Time Zone Setting			
19	AMY19	000000019	В		Group Setting			
20	AMY20	000000020	В		Download Type			
21	AMY21	000000021	В		Download Type Download All			
22	AMY22	000000022	В		Modification			
23	AMY23	000000023	В		Download			
24	AMY24	000000024	В		LOOWINGER			
25	AMY25	000000025	В					
26	AMY26	000000026	В					

2. Open the BLE APP in cell phone at the same time, a verification code will appear, input the verification code in this field.

🖳 Apply to open door	by cell phone	
📴 Exit 🔐 Display QF	RCode 🔤 Send Email	
N	DATE	
Name	DAVI	
Emp No	0000000001	
Card No	000000001	•
Verification code		
V CITILAUCH COUL		

3. Click on Display QRCode, and then QRCode will be shown on the screen.

🖳 Apply to open door by	cell phone	
📴 Exit 🔡 Display QRC	ode 📃 Send Email	
Name D	AVI	
Emp No 🛛	20000001	
Card No 🛛	xxxxxxxxx -	
Verification code	33436	

4. When then use the barcode scanner in the BLE APP, scan the QR Code to complete the registration, and the card number is paired to the cell phone.

4-2 Department Info. Setting

Add or modify department information. When creating a new department, the system sets company name as supervisor department. The system only supports one company name.

Operation Steps :

- 1. Click Department Name, it will have backlight.
- 2. New : Department number and name are necessary. Null not allowed for Contact person/Phone 1/Fax No./Mailing add.
- 3. Modify : Select the department and click 「Modify」 to revise the data. Please note that Department number can not be modified.
- 4. Delete : Select the department and click
 [¬] Delete , the department will be moved.

🔜 Department Info Setting		
📴 📫 🥩 🔜 🖬 🕐 Exit New Modify Delete Save Cance		
E ABC PD PR RD SALE	Dep No COCCCCCCI Dep Name ABC Dep. Manager Phone Fax No Address	Supervisor Dep Name

4-3 Card Issuance Operation/ Mifare Card Issuance

Please connect with external Mifare encoder. It may avoid duplication inputting. Operation Steps:

- 1. IM-1100U : After check the box, please select to use IM-1100U encoder.
- 2. IM-1000 Port : Select communication port.(For IM-1000 only)
- 3. Write in Block : Select block which you want to write data.
- 4. Write Data : Data format should be HEX or ASCII code.
 - Sample HEX value : ABCDEF123456789042
 - Sample ASCII code : 43 44 45 46 47 31 32 33 34 35 36 37 38 39 30
- 6. Click \ulcorner Write $_$ to write data to Mifare card.

	-	ttendance Elevator Patrol Report System External Program Help i Uses Automatic 🙀 Retrieve Finger Pattern 🖝 Remote Open Door 👁 Event Monitor 🗮 Close
Select Name	- 🔍 Search	M1100U
Name DAV1	Card No ^	IM-1000U Port
DAV2	00000002	COM1 •
DAV3	000000003	Write In Block
DAV4	000000004	01 -
DAV5	000000005	
DAV6	000000006	Write Data
DAV7	000000007	HEX ASCII.code Write
DAV8	000000008	000000001
DAV9	000000009	Initialize Mifare Key Value
DAV10	0000000010	
DAV11	0000000011	Read Data
DAV12	000000012	
DAV13	000000013	
DAV14	000000014	
DAV15	000000015	
AMY16	000000016	
AMY17	000000017	
AMY18	0000000018	
AMY19	0000000019	
AMY20	000000020	
AMY21	000000021	
AMY22	000000022	
6MV23	• • •	
ogin ADMIN	Current opeartion: Mifare Card Issu	ance Current Time 2019-03-27 14:41:12

4-4 Card Issuance Operation/ Temporary Card Issuance

Assign the temporary card to user.

Operation Steps :

- 1. In Management Temporary Card workspace , click $\lceil New \rfloor$.
- 2. Input temporary card number.
- 3. Click \lceil Save \rfloor to save the card number.

File Basic Access Control Attendance Recorder Elevator Parking TimeAttendance Patrol Report System External Program Help	
🛿 🛃 Exit 📔 Cardholder Info Setting 🛛 🛬 Mifare card Issuance 🐥 Add Users Automatic 🎲 Renieve Finger Templates 🖌 🖝 Remote Open Door 👁 Event Monitor 🖌 🗙 Close Issuance Tempocary Card	
New Modify Canad Save Condition	
• Optional lia	
200000000 Mile	
Login ADMIN Current operation: Temporary Carl Issuance Current Time 2014/3/7 TF 05.05.04	

- 4. In Issuance Temporary Card workspace, click 「Search」. Card no. for all cardholders will be shown on the left side. Click a cardholder then click temporary card number, the temporary card will be assigned.
- 5. If you want to cancel, click $\ \ \ Cancel$ Temporary Card $\ \ \ \$.

Above temporary card setting will be affected after download.

	Biology Temporary Cat Name Department Card No DAVEI PD DAVEI PD DAVEI PD DAVEI PD DAVEI PD DAVEI PD DAVEI SALE DAVES SALE DAVES RD LBON6 RD LBON7 PR AMY PM AMY PM 3 ABC 4 ABC	Name		ard Management Temp		- C	Search	a 🛛 🕢 Setting 🗍 C	ancel Temporary Card				
DAVEI PD DAVE2 FD 00000000 DAVE3 SALE DAVE4 SALE DAVE5 RD LBON6 RD LBON7 PR AMY PM 1 ABC 2 ABC 3 ABC 4 ABC	DAVEI PD DAVE2 FD 0101010101 DAVE3 SALE DAVE4 SALE DAVE4 SALE DAVE4 SALE DAVE4 RD LBON6 RD LBON7 FR AMY PM AMY10 PM 1 ABC 3 ABC 4 ABC												
DAVE2 PD 0101010101 DAVE3 SALE DAVE4 SALE DAVE5 RD LEON6 RD LEON7 PR LEON8 PR AMY PM 1 ABC 3 ABC 4 ABC	DAVE2 FD O101010(01) DAVB3 SALE DAVB4 SALE DAVB5 SALE DAVB5 SALE DAVB5 RD LBDN6 RD LBDN7 PR LBDN8 PR AMY PM AMY10 PM 1 ABC 3 ABC 4 ABC		Name	Department	Card No	^		Card No	Condition				
DAVE3 SALE DAVE3 SALE DAVE4 SALE DAVE5 RD LBDN6 RD LBDN7 PR LBDN8 PR AMY0 PM AMY0 PM 1 ABC 2 ABC 3 ABC 4 ABC	DAVE3 SALE DAVE4 SALE DAVE3 RD DAVE3 RD LBDN6 RD LBDN8 FR AMY0 PM 1 ABC 2 ABC 3 ABC 4 ABC		DAVE1	PD			►	2020202020	Idle				
DAVE4 SALE DAVE3 RD DAVE4 SALE DAVE5 RD LBDN6 RD LBDN7 PR LBDN8 PR AMY PM AMY PM 1 ABC 3 ABC 4 ABC	DAVE4 SALE DAVE5 RD DAVE5 RD LB0N6 RD LB0N7 PR LB0N8 PR AMY PM AMY PM 1 ABC 3 ABC 4 ABC		DAVE2		0101010101								
DAVES RD LEDN6 RD LEDN7 PR LEDN8 PR AMY PM AMY10 PM 1 ABC 3 ABC 4 ABC	DAVE3 RD LBON6 RD LBON7 PR LBON8 PR AMY PM AMY10 PM 1 ABC 2 ABC 3 ABC 4 ABC		DAVE3	SALE									
LBON6 RD LBON7 PR LBON8 PR LBON8 PR AMY PM AMY10 PM 1 ABC 3 ABC 4 ABC	LBDN6 RD LBDN7 PR LBDN8 PR AMY PM AMY10 PM I ABC 3 ABC 4 ABC		DAVE4	SALE									
LBDN7 PR LBDN8 PR AMY PM AMY0 PM 1 ABC 2 ABC 3 ABC 4 ABC	LBDN7 PR LBDN8 PR AMY PM AMY0 PM 1 ABC 2 ABC 3 ABC 4 ABC		DAVES	RD									
LBON8 PR AMY PM AMY10 PM 1 ABC 2 ABC 3 ABC 4 ABC	LBDN8 PR AMY PM AMY10 PM 1 ABC 2 ABC 3 ABC 4 ABC		LEON6	RD									
AMY PM AMY10 PM 1 ABC 2 ABC 3 ABC 4 ABC	AMY PM AMY10 PM 1 ABC 2 ABC 3 ABC 4 ABC		LEON7	PR									
AMY10 PM 1 ABC 2 ABC 3 ABC 4 ABC	AMY10 PM 1 ABC 2 ABC 3 ABC 4 ABC		LEON8	PR									
1 ABC 2 ABC 3 ABC 4 ABC	1 ABC 2 ABC 3 ABC 4 ABC		AMY	PM		_							
2 ABC 3 ABC 4 ABC • •	2 ABC 3 ABC 4 ABC 0 Image: Card No		AMY10	PM									
3 ABC 4 ABC V V	3 ABC 4 ABC • •		1	ABC									
4 ABC Image: ABC Image: ABC Image: ABC Image	4 ABC Image: ABC Image: ABC Image: ABC Image: ABC Image: ABC Image: ABC		2	ABC									
Card No	Card No		3	ABC									
Card No	Card No		4	ABC									
						>							
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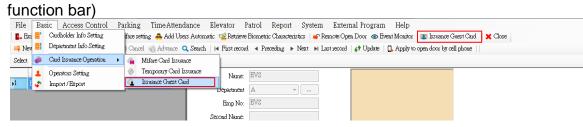
4-5 Card Issuance Operation/ Issuance Guest Card

The functions of guest card setting and QR Code sending.

4-5-1 Issue a Guest Card

Operation Steps:

1. Click "Issuance Guest Card". (You can enter from "Basic", or click the shortcut on the



- Click "Query", click employee name, and then input the guest's name, guest ID number, company name, guest phone number, guest email, visit time and departure time (* indicates that all fields are required).
- 3. Click on the guest card number.

	Basic Access (t = Cardholder Inf	Control Parking 1	l'ime Attendance ngs 🚓 Add Users Aut tting Guest Card Swipe	Elevator Patrol omatic 🥵 Retrieve E Report	Report System Biometric Characteristics	External Program He Remote Open Door @ E	elp	
Name	Name MMI MM2	Q Search Department General Manager General Manager	Guest infor Guest Nationa Compar , Guest P	lame l ID ny Name hone	auch Time of vist 2023/09/01 16:23 Departure Time 2023/09/01 16:23	Bath Add Single Card Card No:	Cancel	
List	ancel 🕼 Reorganiz	aion 🎻 Modify	Guest E	-Mail		-		vail
	ancel 🚺 Reorganiz Guest Name	aion 🕐 Modify Candidate Name	Guest E Candidate Department	Company Name	Guest Phone	-		ail
			Candidate		Guest Phone seese			kai

- Batch Add: Operation by following steps.
 - Card number length (default is 10 bytes).
 - Card number interval: The number of card number intervals.
 - Pre-value: Fixed data before starting value.
 - Start from: Start value of card number (Only numbers can be entered).
 - Post-value: Fixed data after starting value.
 - Sample: Display content value.

Testing: Display several pieces of data at one time, automatically calculated by the system.

Note: Click "Testing" to display the fields about number of issued cards, and card number.

- Number of issued cards: Count the number of cards.
- Card number: Starting card number.

Note: "Sample" is an example of the system presenting the order of card numbers.

Name Name MAL MM2	Q Search Department General Manager General Manager	Guest Informatic Guest Informatic Guest Name National ID Company Na Guest Phone Guest E Mai	me	ch Time of vist 2023/09/01 16/23 [Degarture Time 2023/09/01 16/23 [Bath Add Single Card Card No. Length: 10 m Interval 1 Pre-value	Salee Greet card	
List 🙀 Cancel 🛟 Rev	organizaion 👔 Modify				Start from 1		sail
Guest Name	Candidate Name	Candidate Department	Company Name	Guest Phone	Post-value		
▶ 	MM2	General Manager	5555	22222	Sample	Testing	
					0		

Batch Add Single Card	
Card No. Length: 10 Interval I Pre-value A01 Start from I Post-value B	Batch Add Number of issued cards: 1 Card No.: A01000001B OK Cancel Testing
Sample A01000001B A01000002B A01000003B	

🛃 New	
Batch Add Single Card	
Card No. Length: 10 Interval I Pre-value A01 Start from I Post-value B Sample A01000001B A01000002B A01000003B	Batch Add Number of issued cards: 3 Card No.: A01000003B OK Cancel Hint Set message successfully OK
1.100005b	

🕴 💶 Exit 🛛 📑 Cardholde	-	ngs 🐥 Add Users Aw tting Guest Card Swipe 🥥 Save - Guest North - Guest North National	In any Name		Remote Open Door	Help Event	Monitor Estatore Grest Card Close
Cancel Cancel Cancel	ganizaion 🕐 Modify Candidate Name MM2	Candidate Department General Manager	Company Name	Guest Phone	Guest Card No 3796402284	D 20:	Guest Name:ggg Guest Card No:3796402284
<	rent opeartion: Issuance		rrent Time 2023/03	ani 16-20-16		ţ	

4. Select a guest card and click "Save". The window will show "Set message successfully", click "OK".

File Basic Access Con L Exit = Cardholder Info Si ssuance Guest card Guest Card R	etting 🛛 🔨 Mifare Settin	gs Add Users Auton	natic 🤹 Retrieve Bio		xternal Program Hel; Remote Open Door 💿 Even	p at Monitor 👔 Issuance Greest Card 🗙 Close
Name C Name MM41 MM2	Search Department General Manager General Manager	Guest inform Guest Nar Vest01 National I Company BCA Guest Pho 12345678 Guest EA test01@gr	ne * D Name *	Time of vist 2023/09/04 09:00 🛛 🖵 🗸 Departure Time		Selete Guest Card Guest Card No. 0485660a1f1880 A01000001E A01000002B A01000003B
List	a 💣 Modify	0.111				Guest Name:ggg
Guest Name	Candidate Name	Candidate Department	Company Name	Guest Phone	Guest Card No I 3796402284 2/	Guest Card No:3796402284
222	191912	General Manager	2222	22222		

Hint	×
Set message su	uccessfully
	ОК

5. The guest card information will be displayed in the window. The user can specify the door group or elevator authorizations of the guest card.

	6 In 1	Charles Charles					- Internation	
Save Cancel Save Cancel Guest Information Guest Information Guest Identity No.: Company: BCA Guest Phone: 12345678 Guest E-Mail test01@gmail.com	1 ★ Cancel Guest Rese Time of vist * 2023/09/04 09:00 → Departure Time * 2023/09/04 17:00 → Gruest Card No.: A01000001B Candidate: MM1	Gene	rate QRCod	e Pi	int Send Email			
Authorization Door Group Authorizatio Select All Select None Download	on Selcted Reversed Se	tting HAMS-19			on Ione Selected Reverse	4	Setting 100	229.62 #1 👻
Gr	oup Name			Selected	Floor	*	Time Sched	ule
▶ 1 9			•		B2		24	•
AA					B1 1 2	=	Mon Tue Wed Thu	0000 - 2359 0000 - 2359 0000 - 2359 0000 - 2359
					3 4		Fri Sat Sun	0000 - 2359 0000 - 2359 0000 - 2359
			•		5	Ŧ	📄 Holiday	Access

6. Select door group authorization or elevator authorization, and then click "Setting" to indicate the door group authorization or elevator authorization has been selected. Click "Download" in Door Group Authorization or "Download" in Elevator Authorization, system will download card number authorization to device.

		-	
🛛 🥪 Save 🛛 ڬ Cancel 🛛 💥 Cancel Guest Reservation			
Guest Information			
Guest Name Time of vist Generate	QRCode Print Send Email		
* test01 * 2023/09/04 09:00 -			
Guest Identity No.: Departure Time			
* 2023/09/04 17:00 ▼			
* Company: Guest Card No.: BCA A01000001B			
* Guest Phone: Candidate:			
12345678 MM1			
Guest E-Mail			
test01@gmail.com			
Authorization			
Door Group Authorization	Elevator Authorization		
Select All Select None Selected Revenued Setting HAMS-19	Select All Select None Selected Reversed	Setting	100 229.62 #1 +
Download	Download	×	
Group Name	Selected Floor		ne Schedule
19			
17	✓ B2	24	•
	✓ B2 ✓ B1	24	Mon 0000 - 2359
			Mon 0000 - 2359 Tue 0000 - 2359
	Image: Constraint of the second sec		Mon 0000 - 2359 Tue 0000 - 2359 Wed 0000 - 2359
	B1	=	Mon 0000 - 2359 Tue 0000 - 2359 Wed 0000 - 2359 Thu 0000 - 2359
	Image: Constraint of the second sec		Mon 0000 - 2359 Tue 0000 - 2359 Wed 0000 - 2359 Thu 0000 - 2359 Fri 0000 - 2359
	Image: Bit in the second sec		Mon 0000 - 2359 Tue 0000 - 2359 Wed 0000 - 2359 Thu 0000 - 2359 Fri 0000 - 2359 Sat 0000 - 2359
	Image: state		Mon 0000 - 2359 Tue 0000 - 2359 Wed 0000 - 2359 Thu 0000 - 2359 Fri 0000 - 2359
	Image: Bit in the second sec		Mon 0000 - 2359 Tue 0000 - 2359 Wed 0000 - 2359 Thu 0000 - 2359 Fri 0000 - 2359 Sat 0000 - 2359
	Image: state		Mon 0000 - 2359 Tue 0000 - 2359 Wed 0000 - 2359 Thu 0000 - 2359 Fri 0000 - 2359 Sat 0000 - 2359 Sut 0000 - 2359 Sut 0000 - 2359
	Image: state		Mon 0000 - 2359 Tue 0000 - 2359 Wed 0000 - 2359 Thu 0000 - 2359 Fri 0000 - 2359 Sat 0000 - 2359 Sut 0000 - 2359 Sut 0000 - 2359

7. After complete the authorization download, click "Generate QR Code". The system will issue an QR Code that can be printed out or sent to the guest by email.

🥑 Save 🛛 🕛 Cancel 🛛 💥 Cancel Guest Reservation 📔	
Guest Information Guest Name Time of vist	Generate QRCode Print Send Email
* test01 * 2023/09/04 09:00 -	
Guest Identity No.: Departure Time	
* 2023/09/04 17:00 👻	
Company: Guest Card No.:	
BCA A01000001B	
Guest Phone: Candidate: 12345678 MM1	
Guest E-Mail	
test01@gmail.com	
Authorization	
Door Group Authorization	Elevator Authorization
Select All Select None Selcted Reversed Setting H,	AMS-19 - Select All Select None Selected Reversed Setting 100 229.62 #1 -
Download	Download
Group Name	Selected Floor Time Schedule
19	■ B2 ■ 24 ▼
	B1 Mon 0000-2359
	▼ 1 Tue 0000-2359
	2 Wed 0000-2359
	3 Fri 0000-2359 Sat 0000-2359
	4 Sun 0000-2359
	Holiday Access
	6
Save Cancel Cancel Guest Reservation uest Information Guest Name Time of vist	
Save Cancel Cancel Guest Reservation Juest Information Guest Name Time of vist	
Save Cancel Cancel Cancel Guest Reservation Guest Name Time of vist test01 2023/09/04 09:00 ~ Guest Identity No.: Departure Time * 2023/09/04 17:00 ~ Company: Guest Card No.:	
✓ Save ▲ Cancel Guest Reservation Juest Information Time of vist Guest Name Time of vist test01 * 2023/09/04 09:00 ▼ Guest Identity No.: Departure Time * 2023/09/04 17:00 ▼ Company: BCA A01000001B	
✓ Save ♥ Cancel ★ Cancel Guest Reservation ↓ uest Information Time of vist ℓuest Information * 2023/09/04 09:00 ↓ Guest Identity No.: Departure Time ★ 2023/09/04 17:00 ↓ Company: BCA A01000001B Guest Phone: Candidate:	
Save Cancel Cancel Guest Reservation test Information Time of vist Guest Name Time of vist test01 * 2023/09/04 09:00 ~ Guest Identity No.: Departure Time * 2023/09/04 17:00 ~ Company: BCA A01000001B Guest Phone: Candidate: 12345678 MM1	
Save Cancel Cancel Guest Reservation Guest Information Guest Name Time of vist test01 2023/09/04 09:00 Guest Identity No.: Departure Time 2023/09/04 17:00 Company: Guest Cand No.: BCA A01000001B Guest Phone: Candidate: 12345678 MM1 Guest E-Mail	
✓ Save ▲ Cancel Guest Reservation uest Information Time of vist Guest Name Time of vist test01 * 2023/09/04 09:00 ↓ Guest Identity No.: Departure Time * 2023/09/04 17:00 ↓ Company: Guest Cand No.: BCA A0100001B Guest Phone: Candidate: 12345678 MM1	
Save Cancel Cancel Guest Reservation Time of vist testO1 * 2023/09/04 09:00 • Guest Identity No.: Departure Time * 2023/09/04 17:00 • Company: Guest Cand No.: BCA A01000001B Guest Phone: Candidate: 12345678 MM1 testO1@gmail.com	
✓ Save ▲ Cancel ★ Cancel Guest Reservation Usest Information Time of vist Guest Name * 2023/09/04 09:00 ↓ Guest Identity No.: Departure Time * 2023/09/04 17:00 ↓ Company: Guest Cand No.: BCA A01000001B Guest F-Mail test01@gmail.com uthorization Door Group Authorization	Elevator Authorization
✓ Save ▲ Cancel ★ Cancel Guest Reservation Usest Information Time of vist Guest Name * 2023/09/04 09:00 ↓ Guest Identity No.: Departure Time * 2023/09/04 17:00 ↓ Company: Guest Cand No.: BCA A01000001B Guest F-Mail test01@gmail.com uthorization Door Group Authorization	Elevator Authorization
Save Cancel Cancel Guest Reservation west Information Guest Name Time of vist test01 * 2023/09/04 09:00 • Guest Identity No.: Departure Time * 2023/09/04 17:00 • Company: Guest Card No.: BCA A01000001B Guest Phone: Candidate: 12345678 MM1 Guest E-Mail test01@gmail.com withorization Deor Group Authorization Select All Select None Selcted Reversed Setting Ho	Elevator Authorization
Save Cancel Cancel Guest Reservation uest Information Guest Name Time of vist test01 2023/09/04 09:00 Guest Identity No.: Departure Time 2023/09/04 17:00 Company: Guest Cand No.: BCA A0100001B Guest P-Mail test01@gmail.com Uthorization Corr Group Authorization elect All Select None Selcted Reversed Setting Ho	AMS-19 • Elevator Authorization Select All Select None Selected Reversed Setting 100 229.62 #1 •]
Save Cancel Cancel Guest Reservation Usest Information Guest Name Time of vist test01 2023/09/04 09:00 Guest Identity No.: Departure Time 2023/09/04 17:00 Company: Guest Cand No.: BCA A01000001B Guest Phone: Candidate: 12245678 MM1 Guest E-Mail test01@gmail.com Uthorization Coord Group Authorization Clect All Select None Selcted Reversed Setting Download Group Name	AMS-19
Save Cancel Cancel Cancel Guest Reservation uest Information Guest Name test01 2023/09/04 09:00 Guest Identity No.: Departure Time 2023/09/04 17:00 Company: Guest Cand No.: A0100001B Guest Phone: Candidate: 12345678 MM1 Guest E-Mail test01@gmail.com uthorization coor Group Authorization elect All Select None Selcted Reversed Setting H, Download Group Name 19	AMS-19
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Save Cancel Cancel Cancel Guest Reservation uest Information Guest Name Time of vist test01 2023/09/04 09:00 Guest Identity No.: Departure Time 2023/09/04 17:00 Company: Guest Cand No.: A0100001B Guest Phone: Candidate: 12345678 MM1 Guest E-Mail test01@gmail.com uthonization Door Group Authorization clect All Select None Selcted Reversed Setting H, Download Group Name 19	Image: Cenerate QRCode Print Send Email Image: Cenerate QRCode Selected Reversed Setting 100 229.62 #1 • Image: Download Image: Cenerate QRCode Time Schedule Image: Print Print Image: Cenerate QRCode Mon
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Save Cancel Cancel Cancel Guest Reservation Guest Information Guest Name Time of vist test01 2023/09/04 09:00 Guest Identity No.: Departure Time 2023/09/04 17:00 Guest Cand No.: A01000001B Guest Phone: Candidate: 12345678 MM1 Guest E-Mail test01@gmail.com Uthonization Door Group Authonization Glect All Select None Selcted Reversed Setting H, Download Group Name 19	Image: Cenerate QRCode Print Send Email Image: Cenerate QRCode Print Print Image: Cenerate QRCode Print Print Image: Cenerate QRCode Print Print Image: Cenerate QRCode Print
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Save Cancel Cancel Cancel Guest Reservation Guest Information Guest Name Time of vist test01 2023/09/04 09:00 Guest Identity No.: Departure Time 2023/09/04 17:00 Guest Cand No.: A01000001B Guest Phone: Candidate: 12345678 MM1 Guest E-Mail test01@gmail.com Uthonization Door Group Authonization Glect All Select None Selcted Reversed Setting H, Download Group Name 19	Image: Send Enall Select All Select None Selected Reversed Setting 100 229.62 #1 • Download Image: Send Enall
✓ Save Cancel ★ Cancel Guest Reservation vest Information Time of vist fuest Name Time of vist test01 * 2023/09/04 09 00 • Guest Identity No.: Departure Time * 2023/09/04 17:00 • Company: Guest Phone: Candidate: 12345678 MM1 Guest E-Mail test01 @gmail.com vuthorization Select All Select None Selcted Reversed Setting H, Download Ig	AMS-19
Save Cancel Cancel Cancel Guest Reservation Guest Information Guest Name Time of vist test01 2023/09/04 09:00 Guest Identity No.: Departure Time 2023/09/04 17:00 Guest Cand No.: A01000001B Guest Phone: Candidate: 12345678 MM1 Guest E-Mail test01@gmail.com Uthonization Door Group Authonization Glect All Select None Selcted Reversed Setting H, Download Group Name 19	Image: Send Enall Select All Select None Selected Reversed Setting 100 229.62 #1 • Download Image: Send Enall
Save Cancel Cancel Cancel Guest Reservation Guest Information Guest Name Time of vist test01 2023/09/04 09:00 Guest Identity No.: Departure Time 2023/09/04 17:00 Guest Cand No.: A01000001B Guest Phone: Candidate: 12345678 MM1 Guest E-Mail test01@gmail.com Uthonization Door Group Authonization Glect All Select None Selcted Reversed Setting H, Download Group Name 19	Image: Constant QRCode Print Send Email Image: Constant QRCode Image: Constant QRCode Image: Constant QRCode Image: Constant QRCode Image: Constant QRCode Image: Constant QRCode Image: Constant QRCode Image: Constant QRCode Image: Constant QRCode Image: Constant QRCode Image: Constant QRCode Image: Constant QRCode Image: Constant QRCode Image: Constant QRCode Image: Constant QRCode Image: Constant QRCode Image: Constant QRCode Image: Constant QRCode Image: Constant QRCode Image: Constant QRCode Image: Constant QRCode Image: Constant QRCode Image: Constant QRCode Image: Constant QRCode Image: Constant QRCode Image: Constant QRCode Image: Constant QRCode
* 2023/09/04 09:00 • Guest Identity No.: Departure Time * 2023/09/04 17:00 • Company: Guest Card No.: BCA A01000001B Guest Fhome: Candidate: 12345678 MM1 Guest E-Mail Etst01@gmail.com Authorization Select All Select None Selected Reversed Setting H, Download If Group Name Ig 19	Image: Send Email Image: Send Email <t< td=""></t<>

 After click "Save" to complete the saving, "Write data successfully" will appear and the guest information will be displayed in the table in the lower left corner.
 Note: If the visit time expires, modification and saving cannot be performed, and the guest card needs to be canceled and added again.

•				-		
Save 🚺 Cancel 🛛 🗶 Cancel Guest Reservation						
Guest Information						
Guest Name Time of vist	Generate QRCode	🛛 🧧 Print	t 🔣 Send Email			
* test01 * 2023/09/04 09:00 -	177 A.					
Guest Identity No.: Departure Time						
* 2023/09/04 17:00 - Company: Guest Card No.:	202-6-6	00				
* BCA A0100001B	- 1273BK	άŪ-				
Guest Phone: Candidate:	65/276	- 1				
12345678 MM1	22.4					
Guest E-Mail	D 283	Ъ.				
test01@gmail.com		പാല				
	Hint					
Authorization Door Group Authorization		uthorizati	ion			
Select All Select None Selected Reversed Setting	Write data successfully		ion Ione Selected Reversed	1 (°e	Hing 100,110,6	21 #1 _ I
		, Sciel I	NOILE SCIECTER REVEISER	100	TOO 229.6	2#1 *
Download						
Group Name	ОК	Selected		Â	Time Schedule	;
19		V	B2		24	•
AA 🛛			B1			0000 - 2359
		V	1			0000 - 2359
			2	Ξ		0000 - 2359
						0000 - 2359
			3			0000 - 2359
			4			0000 - 2359
			5		Sun	0000 - 2359
					📃 Holiday A	coess
			6			
			7			
				Ŧ		

	endance Elevator Patrol Report System External Program AddUses Automatic 🕵 Retrieve Biometric Characteristics 🖬 Remote Open Door 🤕	Help Brent Monitor 🛛 🌉 Issuance Guest Card 🛛 🗶 Close
Issuance Guest card Guest Card Report Public Access Setting Gu	est Card Swipe Report	
Name Q Search Name Department MMI General Manager MM2 General Manager	Save Cauet Information Guest Information Time of vist Guest Name 2023/09/04 09/00 National ID Departure Time Company Name 2023/09/04 17/00 Guest Phone Guest E-Mail	Selete Greet card Gutet Card No. Gutet Card No. 9796402284 A01000002B A01000003B
- <u>List</u>		Generate QRCode
Guest Ivame Candudate Ivame Depa	idate Company Name Guest Phone Guest Card No nal Menager BCA 12345678 A01000001B	Guest Name:test01 Guest Card No:A01000001B

9. Click the guest data, and click "Generate QR Code" to issue a QR Code for printing and emailing.

M	lamé M1 M2	Cearch Department Ceneral Manager Ceneral Manager	Guest E-Mai	, me	Time of vist 2023/09/04 09:00 ▼ Departue Time 2023/09/04 17:00 ▼		Selee Onest card Image: Selee Onest Card No. Image: Selee Onest Card Noest Card Noest Card Noe
	🛛 🛟 Reorganizai		Candidate	2 V	6 . D		BP Generale QRCode Print Send Email Guest Name:test01 Guest Card No:A01000001B
	huest Name #01	Candidate Name	Department	Company Name BCA	Guest Phone 12345678	Guest Card No	
							- 第549303 - 1930年3月21日

10. Click "Send Email" to email QR Code to the guest.

Note: The email can be sent only when the guest information has been filled in email

	ce Guest card Gue didate Name		Search	-	🌏 Save 🛛 😢	Concel			
0001	Name	Department	Startar		Guest infrmati				Selete Guest card
	DAV1	A			Guest Nam		Visit Time		📫 New 🔩 Delete
	DAV2	A			*		* 2022/05/04 10:00		Guest Card
	DAV3	A		=	National II)	Departure time		No
_	DAV4	A					* 2022/05/03 12:00) 💷 🗸	B0000003
_	DAV5	A			Company l	Name			E00000002
	DAV5 DAV6	A							E00000001
	DAV6 DAV7	A			* Guest Phor	nê			
		A							
	DAV8 DAV9	A			Guest Ema	il			
	DAV10	A							
	DAV11	A							
	DAV12	A							
	DAV13	A							
	DAV14	A							
	DAV15	A							
	AMY16	В							
	AMY17	В							
	AMY18	В							
	AMY19	В							
_	AMV20	В		Ŧ					
x (Cancel 🛟 Reorga								Send Email
	Guest Name	Candidate Namë	Candidate Department	1	Company Vame	Guest Phone	Guest Card No	Visit Date	ET VOLATED
	TEST02	DAV4	А	С	ва	2999-2240	E00000004	2022/05/04	
									The mail has been successfully sent to your mailbox.!



Your visit information is as follows: Visit time:05-04-2022 10:00 Interviewee:DAV4 Please go to the counter at 05-04-2022 10:00 to replace the card The following is the QR code entry and exit certificate, please print or take a photo and save it in your mobile phone.

je

n

ABC VISITOR REQUEST FORM



Visitor Name: TEST02 Visitor: DAV4 Visit Date: 2022/05/04 10:00

11. To cancel the guest card, please click "Cancel" to cancel it.

					Patrol Report Sy			a .a.1.1	
	Guest card Gues		etting 🚜 Add U	Jsers Automatic 🦙 Retri	eve Biometric Characteristics	👋 ' Rêmôtê Upên Door	Event Monitor	swance Guest Card 🛛 🗶 Close	
	ate Name	Q Search		Save 🕐 Cancel	1				
	Name	Department		Guest infirmation			Selete Guest card		
	DAVI	A		Guest Name	Visit Time		📫 New 🛛 式 Delete		
	DAV2	A	_	*	* 2022/05/04 10/	00 🔲 🔻	Guest Card		
	DAV3	A	E	National ID	Departure time		No		
	DAV4	A			2022/05/04 12/	0 💷 🕶	► E00000004		
	DAV5	A		* Company Name			E00000003	-	
	DAV6	A		. Guest Phone			E00000002		
1	DAV7	A		* Guest Phone					
	DAV8	A		Guest Email					
]	DAV9	A							
1	DAV10	A							
]	DAVII	A							
1	DAV12	A							
]	DAV13	A							
]	DAV14	A							
1	DAV15	A							
	AMY16	В			Excuse me	23			
	AMY17	В							
	AMY18	В			Are you sure to cano	el this card?			
	AMY19	В							
	AMY20	В							
	AMY21	В				No			
	AMY22	В]			
📑 Çan	cel 🚺 Reorgan	ization		1			🔐 Generate QRCode	👕 Print 📰 Send Email	
1	Guest Name	Candidate Car Name Dep	udidate partment	Company Gue	st Phone Guest Card No	Visit Date			
•	IEST02	DAV4 A		CBA 2999		2022/05/04 1			
•						F.			

4-5-2 Guest Card Report

Display all guest reservation records, and can preview and print according to query condi-

tions such as guest name and phone number, company name, and date range.

ies	st Name	Phone	Company:	🔍 Sea	rch 🧧 Print					
期	肺時間: 2023/08/01	. 2023/09/	01 🔍 🗸							
	Guest Name	Candidate Name	Candidate Department	Company Name	Guest Phone	Guest Card No	Date of visit	Time of vist	Departure Time	Departure Tir
	JORDAN	MM1	General Manager	BULLS			2023/08/17		2023/08/18	
	P	MM1	General Manager	P	0		2023/08/17	17:07	2023/08/18	16:11:21
	D	MM2	General Manager	D	D		2023/08/17	17:10	2023/08/18	16:11:21
	Q	MM2	General Manager	Q	Q		2023/08/17	17:10	2023/08/18	16:11:21
	a	MM1	General Manager	a	a		2023/08/18	11:20	2023/08/18	16:11:21
	ЪЬ	MM2	General Manager	ხხ	bb		2023/08/18	13:42	2023/08/18	16:11:21
	g	MM1	General Manager	g	g		2023/08/18	15:09	2023/08/18	16:11:21
	e	MM1	General Manager	e	e		2023/08/18	15:09	2023/08/18	16:11:21
	1	MM1	General Manager	1	1		2023/08/18	15:09	2023/08/18	16:11:21
	t	MM1	General Manager	t	t		2023/08/18	15:09	2023/08/18	16:11:21
	k	MM2	General Manager	k	k		2023/08/18	15:09	2023/08/18	16:11:21
	z	MM1	General Manager	2	z		2023/08/18	16:13	2023/08/22	09:30:24
	d	MM1	General Manager	dd	ddd		2023/08/22	09:30	2023/08/24	14:58:56
	t	MM1	General Manager	tt	ttt		2023/08/22	10:22	2023/08/24	14:58:56
	aa	MM1	General Manager	aaa	aaaa	3796402284	2023/08/24	14:58	2023/08/24	15:06:32
	222	MM2	General Manager	2222	22222		2023/08/24	15:13	2023/09/01	17:00:59

Login ADMIN Current opeartion: Issuance Guest Card Current Time 2023/09/01 17:28:20

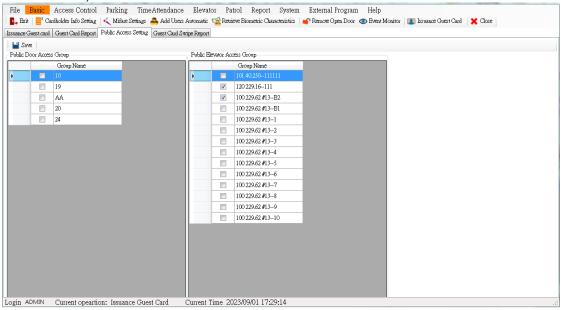
4-5-3 Public Access Setting

Set up public floor groups.

Before setting, please go to the elevator setting page, add the elevator hardware device, and enable the required floor under the floor setting page.

Operation steps:

1. Tick groups in Public Access Door Group or Public Elevator Access Group to set the authorizations, and then click "Save".



	e Elevator Patrol Report System External Program Help
	is Automatic 🦙 Rethieve Biometric Characteristics 🛛 🚽 Remote Open Door 💿 Event Monitor 🛛 🚺 Issuance Guest Card 🛛 🗙 Close
Issuance Guest card Guest Card Report Public Access Setting Guest Card	Wipe Report
Save Save	
Public Door Access Group	Public Elevator Access Group
Group Name	Group Name
10	101 40.250-111111
▶ 2 19	120 229.16-111
AA AA	I 100 229.62 #13B2
20	☑ 100 229.62 #13B1
24	▶ 1 00 229.62 #131
	100 229:62 #132
	100 229.62 #133
	100 229.62 #134
	100 229.62 #135
	100 229.62 #136
	100 229.62 #137
	100 229.62 #138
	100 229.62 #139
	100 229.62 #1310
Login ADMIN Current opeartion: Issuance Guest Card	Current Time 2023/09/01 17:29:53

2. When adding a guest card, the system will automatically bring out the authorizations that have been ticked in the public access group and public floor group.

Issuance Grutst carl Grutst Carl Cancel Cancel	File Basic Access Cont	-	Time Attendance	Elevator Patro	l Report	System	External Program	Help	_ 0		
	Name Q	Guest Information Guest Name * test01 Guest Identity N Company: BCA * Guest Phone: 12345678 Guest E-Mail	Time of vist 2023/09/04 09 0.: Departure Time 2023/09/04 17 Guest Card No. A0100002B Candidate: MM1	00 -	: P. Gene	rate QRCode	Print Send	Email			
List Cancel & Reorganization Guest Name Current operation: Issuance Guest Card Current Time 2023/09/01 17:34:05	Guest Name Guest Name est01 est01	Door Group Auth Select All Select	None Selcted Reverse Group Name 19 AA			Select All S	elect None Selected I lected Floor 2 E2 2 E1 2 E1 2 E1 2 E1 2 E1 2 E1 2 E1	E Time Scl 24 Mon Tue Wed Thu Fri Sat Sun	eetiule 0000 - 2359 0000 - 2359 0000 - 2359 0000 - 2359 0000 - 2359 0000 - 2359 0000 - 2359	nd Email	

4-5-4 Guest Card Swipe Report

Display all guest card swipe records, and can preview and print based on query conditions such as guest name and phone number, company name, and date range.

Guest 1	Name	Phone		Company:	🔍 Search 👕	Print				
日期時	存間: 2023/08/17		- 2023/08/17							
	Guest Name	Guest Phone	Guset Company	Estimated date of anival	Device Name	Door	Card No	Date	Time	Event
▶ 1					2400n 229.51	PXR92MSL				Card not Found
2					2400n 229.51	PXR92MSL	0000000030	2023/08/17	15:58:26	Card not Found
3					2400n 229.51	PXR92MSL	000000040	2023/08/17	15:58:36	Card not Found
4					2400n 229.51	PXR92MSL	0000000050	2023/08/17	15:58:46	Card not Found
5	JORDAN	09	BULLS	2023/08/17 16:25:40	971	971	2064187454	2023/08/17	16:53:59	Card not Found
6	JORDAN	09	BULLS	2023/08/17 16:25:40	971	971	2064187454	2023/08/17	16:54:00	Card not Found
7	JORDAN	09	BULLS	2023/08/17 16:25:40	971	971	2064187454	2023/08/17	16:56:16	Access Granted / Valid Card
8	JORDAN	09	BULLS	2023/08/17 16:25:40	971	971	2064187454	2023/08/17	16:56:20	Access Granted / Valid Card
9	JORDAN	09	BULLS	2023/08/17 16:25:40	971	971	2064187454	2023/08/17	16:56:22	Access Granted / Valid Card
10	JORDAN	09	BULLS	2023/08/17 16:25:40	971	971	2064187454	2023/08/17	16:56:25	Access Granted / Valid Card
11	JORDAN	09	BULLS	2023/08/17 16:25:40	971	971	2064187454	2023/08/17	17:06:07	Access Granted / Valid Card
12	JORDAN	09	BULLS	2023/08/17 16:25:40	971	971	2064187454	2023/08/17	17:06:08	Access Granted / Valid Card
13	JORDAN	09	BULLS	2023/08/17 16:25:40	971	971	2064187454	2023/08/17	17:06:11	Access Granted / Valid Card
14	JORDAN	09	BULLS	2023/08/17 16:25:40	971	971	2064187454	2023/08/17	17:06:12	Access Granted / Valid Card
15	JORDAN	09	BULLS	2023/08/17 16:25:40	971	971	2064187454	2023/08/17	17:06:13	Access Granted / Valid Card
16					971	971	0000000050	2023/08/17	17:08:24	Access Granted / Valid Card

4-6 Operators Setting

This workspace is allowed to create many accounts with different authorization. Operators will have different authorization to manage the system. The default account ADMIN will not have log in records. We strongly suggest user create a new account.

Operation Steps :

- 1. Click $\lceil New \rfloor$.
- 2. Input name, account and password.
- 3. When operation authority is supervisor, all the check boxes will be ticked and original account ADMIN and password ADMIN will lose efficacy automatically. If general user is selected, users need to tick the programs in which the particular user has authorization to execute.
- 4. When select email notice, please must input email address. And then system will send message to designated mail address automatically when there are events.
- 5. Tick the box to select the authorization. (General user used only)
- 6. Click \lceil Save \rfloor .

📰 Operators Setting	4					
Exit						
🕴 📫 New 👂 Modify	🔹 🛋 Delete 🔛 Save 🕐 Ca	ncel Function Auth	iorized 🐱			
Name		*	Select All	Select None		
Account		*	Autho	oriz Function name	^	
Password		*		Company Information		
				Parameter Adjustment		
Authority:				Import / Export	Ξ	
E-Mail		Testing		Cardholder Info Setting		
				Department Info Setting		
				Mifare Card Issuance		
Name	Account			Temporary Card Issuance		
				Issuance Guest Card		
				Operators Setting		
				Access Control Hardware Setting		
				Access Control Time Schedule Setting		
				Password Time Zone Setting		
				Reader Parameter Setting		
				Access Control Cardholder Auth by Door		
				Access Control Dep Auth by Door		
				Access Control Door Auth by Dep		
				Access Control Door Auth. by Cardholder		
				Auth Setting		
				Event Monitor	~	

🔡 Operators Settin	ng						
📴 Exit							
🚦 📫 New 📑 Modi	ify 📑 Delete 💾 Save 🔥 Cano	el Function Auth	horized 🔨	/			
Name	JENNY	*	Select	t All Sel	lect None		
Account	1111	*		Authoriz	Function name	^	
Password	****	*	►	V	Company Information		
Authority:	Supervisor 🗸				Parameter Adjustment		
		True		 Image: A start of the start of	Import / Export		
E-Mail	jennysu@gmail.com	Testing		✓	Cardholder Info Setting		
				V	Department Info Setting		
					Mifare Card Issuance		
Name	Account			✓	Temporary Card Issuance		
>				V	Issuance Guest Card		
				V	Operators Setting		
				V	Access Control Hardware Setting		
				V	Access Control Time Schedule Setting		
				v	Password Time Zone Setting		
				~	Reader Parameter Setting		
				~	Auth Setting	1	
				V	Event Monitor	1	
				V	Attendance Device	1	
				V	Attendance Authorization	1	
				V	Add Users Automatic		
				V	Retrieve Finger Pattern	~	

🖶 Operators Setting	1							×
Exit								
🚦 📫 New 📑 Modify	r 🔜 Delete 📔 Save 🔥 Cano	el Function Auth	orized 🐱					
Name	JENNY	*	Select All	Sel	ect None			
Account	1111	*			Function name	^	🗉 🗌 hundure	
Password	****	*			Company Information			
Authority:	General User 🗸 🗸			_	Parameter Adjustment			
E-Mail	jennysu@gmail.com	Testing		_	Import / Export	=		
E-IMBII	Johnysotegnian.com	Italig		_	Cardholder Info Setting			
				_	Department Info Setting			
				_	Mifare Card Issuance			
Name	Account			_	Temporary Card Issuance			
•				_	Issuance Guest Card			
				_	Operators Setting			
				_	Access Control Hardware Setting			
				_	Access Control Time Schedule Setting			
				_	Password Time Zone Setting			
					Reader Parameter Setting			
					Auth Setting			
					Event Monitor			
					Attendance Device			
					Attendance Authorization			
					Add Users Automatic			
					Retrieve Finger Pattern	~		

Operators Setti Exit	шg						
	lify 式 Delete 🔛 Save 🕐	Cancel Function Au	thorized	~			
Name	JENNY	*	_		lect None		
Account	1111	*		Authoriz	Function name	<u>^</u>	
Password	Xololok	*	Þ		Company Information		
					Parameter Adjustment		
Authority:	Supervisor				Import / Export		
E-Mail	jennysu@gmail.com	Testing			Cardholder Info Setting		
					Department Info Setting		
					Mifare Card Issuance		
Name	Account				Temporary Card Issuance		
JENNY	1111				Issuance Guest Card		
				v	Operators Setting		
					Access Control Hardware Setting		
				v	Access Control Time Schedule Setting		
					Password Time Zone Setting		
					Reader Parameter Setting		
					Auth Setting		
					Event Monitor		
					Attendance Device		
				v	Attendance Authorization		
				v	Add Users Automatic		
					Retrieve Finger Pattern	~	

- 7. Select Mail Notice, system will send message to designated mail address automatically when there are events.
- 8. Select Function Authorized, and tick what function you can use.

🛃 Operators Setting	g						
Exit							
🕴 📫 New 🛯 📫 Modify	y 🔩 Delete 🔛 Save 🕐 Car	cel Function Aut	iorized 🗸]			
Name	JENNY	 Function Auth Mail Notice 	orized	Al Se	lect None		
Account	1111	*		Authoriz	Function name	<u>^</u>	
Password	yololok] *	•	V	Company Information		
				~	Parameter Adjustment		
Authority:	Supervisor				Import / Export		
E-Mail	jennysu@gmail.com	Testing			Cardholder Info Setting		
				~	Department Info Setting		
				~	Mifare Card Issuance		
Name	Account			~	Temporary Card Issuance		
JENNY	1111			~	Issuance Guest Card		
				~	Operators Setting		
				~	Access Control Hardware Setting		
				~	Access Control Time Schedule Setting		
				~	Password Time Zone Setting		
				~	Reader Parameter Setting		
				~	Auth Setting		
				~	Event Monitor		
				~	Attendance Device		
				~	Attendance Authorization		
				~	Add Users Automatic		
				~	Retrieve Finger Pattern	\sim	

4-7 Import Data / Export Data

Import and export cardholders' information.

Import Data Operation Steps :

1. Import File : Click key ..., select the txt file which you want to import and click 「Open」 then 「Next」.

📴 Import / Export	
Ger Excit	
Import Data Export Data	
Step 1: Import File Step 2: Delimiter Step 3: Field Mapping Step 4: Import Data	
Process Explanation	
Four steps of import data: 1. Import File 2. Delimiter 3. Field Mapping 4. Import Data	
Select File	
	lext
	GAT

2. Delimiter : Select delimiter or TAB key. If header is requested, tick the check box. Then click 「Next」.

Import / B	Export			
G≁ ∃xit	алрон			
	Export Data			
tep 1: Impo	ort File Step 2: Delimiter Step 3: Field May	pping Step 4: Import Data		
	O Punctuation mark (',' ';)	 TAB key 		
	r uictuation mark (, ,)			
		 Include Headline 		
			Preceding	Next

3. Field Mapping : Select the corresponding data for each field and click $\lceil Next \rfloor$.

<u> </u>	0		0		
	ort / Export				
Exit					
	D :] =				
	Data Export Data				
Step 1	: Import File Step 2: Delimiter	Step 3: Field Mapping Step 4: Im	port Data		
	Name	D			
*	~	~			
	Emp No	Card No			
*		*			
	Department No	Birthday			
*			Date Format: YYYYMMDD		
			Dati Ginat 111 Himbb		
*	Dep Name	Date start			
	×	×	Date Format: YYYYMMDD		
	TEL				
	~				
	Password				
	~				
				Preceding	Next

- 4. Select the Ignore the repetition
 - Delete all and Re-import Data : Delete all current data and using import data.
 - Overwrite : Overwrite repeated data
 - Ignore : Ignore repeated data
 - Delete import list : Delete the cardholders and authorizations of the imported list.

Click [Save] to import the data. When import is completed, please click [OK] to exit the settings and go to Cardholder Info to check cardholder information.

D .		2: Delimiter Step 3	: Field Mapping St	ep 4: Import Data		
Percenta	age				Ignore -	
					Delete	all and Re-import Data
					Overw	vrite
					Ignore	
					Delete	: import list
review !	Import Data		Dentered	Densite		
	Name	Work code	Department No	Departent Name	Code Number	
· I	DAV1	0000000001	1	A	0000000001	
Ι	DAV2	000000002	1	A	00000002	
Ι	DAV3	000000003	1	A	000000003	
Ι	DAV4	000000004	1	A	000000004	
Ι	DAV5	000000005	1	A	000000005	
I	DAV6	000000006	1	A	000000006	
Ι	DAV7	000000007	1	A	000000007	
-	DAV8	000000008	1	A	000000008	

Note : Once import duplicate card number or employee number; system will display data by red color.

HUNDURE

Export Data Operation Steps :

- 1. Click key ..., select the path which you want to save the TXT file.
- 2. Using keys \bigcirc or \bigcirc to select export fields from left to right side. And using keys \bigcirc or \bigcirc to adjust the sequence.
- 3. Select punctuation mark or TAB key. If header is requested, tick the check box.
- 4. Click \lceil Export \rfloor , the user data has been completed.

🔜 Import / Export	
Exit	
Import Data Export Data	
Export Path: UserName CardholderNo DepartmentCode DepartmentVame Phone National ID No Birthday Date start Card No	Space key Semicolon '; TAB key Comma '; Include Headline

5. Access Control

5-1 Access Control Hardware Setting (HAMS-10)

Supports adding, modify and delete device. Hardware Support List : RAC-340/510/512/520/820/920/930/RAC-A10/SHR-100

5-1-1 Hardware Detail List

Operation Steps:

1. Click $\lceil New \rfloor$, then select communication type.

- Communication Type : Select COM PORT or TCP/IP. When using COM PORT, please make sure the COM PORT number and baud rate is 19200.
- 2. Input device name and device ID (Default ID is 1).
- 3. Select device model.
- 4. Clicking Save]. Adding completed.

File Basic Access Control	Attendance Recorder Elevator	Parking TimeAttendance Patrol Report System External Program Help
		atic 😭 Retrieve Finger Templates 🔐 Remote Open Door 🐵 Event Monitor 🔀 Close
Move 🔼 🔽 🔝 Time Synchronization to		
Device 💷 New 📑 Modify 📑 Delete 📗		
🔛 920	Parameter2 Parameter2	
	920(COM3:19200@6)	
	Password Function	
	Close	
	2014/03/07 21:08:59	×
	Connect Testing	Read Time
	Set Time	Add Device
	Den le la Mercene	Comm. Type Parameter
	Recorder's Memory	O Port Port
		Baudrate
		19200
		Device Name
		Device ID
		Denice Model RAC-340PE
		TRACHARE Y
		Save Exit
m m		
Logm ADVIN Current opeartion: Access Con	atrol Hardware Setting Current Time 201-	4377 下午 09:09:18

- 5. Click [Copy] and may copy parameter to other same model machines. (For RAC-340PE /PM only)
 - Copy Parameter : Only copy Siren Timetable to selected same model machines.
 - Upload Parameter : System will upload Siren Timetable to selected RAC-340 in-

dividually.

• Copy and Upload : System will copy and upload current RAC-340's Siren Time-

table to othe	er selected RAC-340.
File Basic Access Control A	Attendance Recorder Elevator Parking TimeAttendance Patrol Report System External Program Help
	Mifare card Issuance 🚔 Add Users Automatic 🙀 Retrieve Finger Templates 🖝 Remote Open Door 🐵 Event Monitor 💥 Close
Move 🗛 👻 🔝 Time Synchronization to	All
Device 🚅 New 🥩 Modify 🔩 Delete	al Save Pacopy
920	Parameter/2 Parameter/2 Parameter/2 Parameter/
RAC-340PM RAC-340PM-1	RAC 340PM(172.16.42.59.4660@1)
- PACISIONNET	Record reaction
	2014.02.07 21.08.59
	Connect Testing Execute Controller Name RAC-340PM
	Set Time Copy parameters
	O Upload pagements
	Recorder's Memory O Copy and Uploat
	Device ID Device Name Status
	0000000119 RAC340PM-1
Login ADMIN Current opeartion: Access Cor	ntrol Hardware Setting Current Time 2014/37 下午 09:11:07

7. Click Order may sort the devices.

📲 Order 🛛 👗 Time Synchronization to All



- 8. Click Time Synchronization to All may correct all devices' time once.
- 9. Click [Time Sync] to read device time.
 - Time Sync. : Synchronize time by PC
 - Set Time : Input date and time by user.

5-1-2 Modify Connecting information

Modify communication parameters.

Operation Step :

- 1. Select the controller on the left side.
- 2. Click $\lceil Modify \rfloor$.
- 3. Modify the setting. For example : comm. type, device name and device ID.

4. Clicking \lceil Save \rfloor to saving the modify.

File Basic Access Control	Attendance Recorder Elevator Parking TimeAttendance Patrol Report System External Program Help
	Altáre cal Sanze 🚔 Add User Automát (20 Retrize Finger Tampias) 👘 Renote Open Doros (20 Retrize Finger Cale)
Move 🔨 🖌 Time Synchronization	
Device New Modify Delete	
920	Parameter Parameter Parameter Parameter
RAC-340PM-1	RAC-340PM(17216422594660@1)
	Password Function
	Close
	2014/03/07/21.08:59
	Connect Testing Read Time
	Set Time Add Device
	Comm. Type Parameter
	Recorder's Memory O Port IP
	O IP 17216.42.59
	Port
	4660
	Device Name
	24C54CFM
	Dence Model
	RAC340PM
	Save Exit
Lash ADMIN Complementing Accord	Control Hardware Setting Concept Time 2014/37 下午 09:12:10

5-1-3 Parameter 1

Reading or synchronize device time.

Operation Steps :

- 1. Select the controller on the left side.
- 2. Click 「Connect Testing」. If system connects with hardware successfully, you will read model name, version, sensors and relays status. If connect failed, system will appear a fail notice as below.



Other parameter contents :

- Password Function : Request if system need download password to device. Default is closed.
- Read Time : Read device time. If reading successfully, system will show date and time.
- Set Time : Input date and time by user.
- Time Sync : Synchronize time by PC.
- Recorder's Memory : System will show current valid card and event amount.
- Reset Anti Status : Refresh anti pass back status. (Only for RAC-520v3.00 above. RAC-820/RAC-920/RAC-930 and RAC-A10 series)
- Assigned IN/OUT : Assigned In and out of controller and slave reader. (Only for RAC-920/930/RAC-A10 series)

Door-01	Parameter1 Parameter2	
Door-02 A-1 B-1	A-2(172.16.42.67.4660@1)	
B-1 C-52	Password Function	
0.22	Cicce • 2016C401 11:56:26	
	Connect Testing Read Time	
	Set Time Time Sync	
	Recorder's Memory Reset Anti Status	
	Assigned INOUT	
	Device	
	Slave Reader	

5-1-4 Parameter 2

Modify device parameters. Operation Steps :

- 1. Select the controller on the left side.
- 2. Click 「Read」 to get back current parameter values of controller.
- 3. Modify the parameter value.
- 4. Click \lceil Set $_{\perp}$ to set all parameters to controller.

Parameter contents :

- Exit Button Status : Reverse exit button active level. Default is NO.
- Door Sensor Status : Reverse door sensor active level. Default is NC.
- Detect Door Status : To detect if the door is closed after open time is finished. This function should work with[Door Sensor Detection Time] and [Door sensor detect mode]
- Detect Forced Door : Activate alarm when door open under forced.
- Door Sensor Detection Time : Sets the duration of door's status. Default value is 0 which is deactivated. The time is started when door rely off. Once the function is activate, detect door status function may work.
- Door Sensor Detect Mode : Select controller beeps or alarm activate when door open time has expired. This function should works with 「Door sensor Detection Time」.
 e.g.: Setting : Door open time is 4 seconds . Alarm action time is 5 seconds. Door detection time is 10 seconds. Door detection and warning mode. Set to be Alarm Relay.

Description : After a door opens, it will auto re-lock within 4 seconds. If the door is not closed properly that causes failing to auto re-lock, it will start counting 10 seconds. After 10 seconds, if the door still left open, it will trigger alarm for 5 seconds. The trigger mode is Alarm Relay.

- Unlock Door Relay Action Time : The duration of door relay action. Default is 4 seconds.
- Alarm Action Time : The duration of alarm action. Default is 0 second.
- Compare Valid Code Index : The index digit of compare valid card number. This function should work with 「Compare Valid Code Length」.
- Compare Valid Code Length : How many digits you want to compare.
 Ex : Card number is 1234567890. If compare index is 1, compare length is 3. Valid

cards with number starting with 123 will be granted access.

- Alarm Relay Mode : Alarm relay mode selection. (Only for SHR-100)
 - Bell Mode : Only activate bell. Do not have alarm function.
 - Anti-duress Mode : Pressing the bell button and swipe a valid card, alarm will activate after 3 seconds. Do not have bell function if selected this mode.
 - Alarm Mode : Activate alarm by disarm code. Do not have bell function if selected this mode.
- Operation with voice : Allow the user open or close voice function in the Ready status. status.(Only for SHR-100)
- Setup mode with voice : Allow the user open or close voice function in the function setting status.(Only for SHR-100)
- Save Invalid card Records : Store or not store invalid card records selection. Default is NO.
- Request Password of Slave Reader : Request swipe card and then press password when access by slave reader (Only for RAC-520v3.00 above. RAC-820/RAC-920/ RAC-930 and RAC-A10 series)
- Anti-pass back Function : Close or open anti-pass back function. Default is close. (Only for RAC-520v3.00 above. RAC-820/RAC-920/RAC-930 and RAC-A10 series)
 Anti- pass back management : Main controller is for in and slave reader is for out. This function requests user swipe card in main controller for in and must swipe card in slave reader for out. Otherwise, user cannot swipe card in main controller again.
- Display Card No Method : LCD will display card digits or *** after card swiped. (Only for RAC-340)
- Select LCD Language : Select LCD display language. Now supports English, Traditional or Simplified Chinese. (Only for RAC-340)
- Open door when swipe Master Card : Select to open door or not when swipe master card. Default is close.
- Re-swipe Card Check Time : When swiping a card more than once within the preset time, access deny and controller will make beeps and system does not record the event. (0~255 seconds)
- Door Open Mode :
 - Card Only : Swipe card only.
 - Card/Code : Input card number.
 - Card/Code with password : Swipe card first and then input password or input card and password.
- Valid Card Mode : Default mode is standard mode.

- Standard Mode : Open door by right Mifare key and valid card.
- Random Mode 1 : Open door by right Mifare key, system will not save swipe card records.
- Random Mode 2 : Open door by right Mifare key. System will save swipe card records. But when card format is unidentified character, system will not save swipe card records. When you add card no by command 1 and select Random Mode 2, the cards will become blacklist and will activate alarm when you swiped card. If you want to get blacklist records, please select "save" of command 31.

Note : Valid card numbers and events will be deleted if changed the mode.

- Built-in Relay Action : Select built in relay is for lock or bell. (Only for RAC-820/RAC-920/RAC-930 and RAC-A10 series)
- Set Memory Mode : Except SHR-100, all controllers' default are standard mode
 - Standard Mode : Support 1,024 card numbers with password and 800 events.
 - Compressed Mode : Support 1,400 compressed card numbers with password and 1,800 events.
 - Shared Mode : Support 65,535 card numbers without password and 1,800 events.

Note : Valid card numbers and events will be deleted if changed the mode.

- Master Card : Required to enter command mode of controller. Default number is 30191000. Kindly refer to hardware manual for more commands information.
- Duress Code : Alarm will be activated and door will be opened upon pressing duress code. Default code is 1190.
- Disarm Code : Deactivate the alarm after disarm code is inputted. Default code is 0000.
- Backlight Mode : Open or close LCD backlight. (Only for RAC-340)
- Keypad with Backlight : Open or close keypad backlight. (Only for RAC-340)
- Keypad : Enable or disable keypad function.
- Enable Function Key : Enable or disable function keys. (Only for RAC-340)
- Card Response Action : Cannot read card if select close.
- Keypad Tone : Open or close keypad tone.
- Activate Case Sensor: When case is tampered, controller will make beep sound or not.
- Reader Type : (Only for RAC-920PM-W and RAC-A10)

If reader type is different from current slave reader, system is not able to retrieval events from slave reader.

- Slave Reader (T1/T2): Slave reader supports T1/T2 interface. Reader will send 10 digits back to program.
- Slave Reader (Wiegand 26, 8 codes): Slave reader supports Wiegand 26 interface.
 Reader will send 8 digits back to program.

- Slave Reader (Wiegand 26, 10 codes) : Slave reader supports Wiegand 26 interface. Reader will send 8 digits back to program and program add 00 in front of number automatically and display 10 digits to users.
- Slave Reader (Wiegand 34, 10 codes) : Slave reader supports Wiegand 34 interface. Reader will send 10 digits back to program.

Cardbook in to Setting & Minite Card Issance & Add Uses Automatic & Retrieve Proge Pathen & Remote Upen Loor & Event Monitor & Close Device & New & Modify & Delee & Save P_Corp & Onder & Time Synchronization to All Parameteri Parameteri Rain Batton Setus No. Oco Sensor Setus No. Oco Sensor Setus Oce		trol Report System External Program Help			
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	0	Fr. Day, Dalar			
Set Memory Mode		Set Memory Mode			
Reader Type Standard Mode Read	Reader Type	Standard Mode			
Slave Reader (T1/T2)	 Slave Reader (T1/T2) 				
Slave Reader (Wingand26, 8 Codes)	Slave Reader (Wiegand26, 8 Codes)				
Slave Reader (Witecand26, 10 Codes)	Slave Reader (Wiesand26 10 Codes)				
Slave Freeder (Wiegand34, 10 Codes)					
State Real (Wiganiby, 10 Code)	State Feature (Winganites, 10 courts)				

5-1-5 Parameter 3

Set Siren time schedule.

Operation Steps :

- 1. This page only for RAC-340 series.
- 2. Select the RAC-340 which want to setting on the left side.
- 3. Click \lceil Read \rfloor to get back current parameter values.
- 4. Modify the parameter value.
- 5. Click \lceil Set $_{\perp}$ to set all parameters to controller.

Parameter contents :

Duty On Time : The time starts to work. LCD screen will display IN.

Duty Off Time : The time can leave. LCD screen will display OUT.

Controller Mode : Access Control or Time Attendance selection. Default is access control

mode without siren. Select time attendance mode if want to activate siren timetable.

Week : Select the weekdays to activate siren.

Siren Timetable : 8 time groups. Enter start time at 08:00 and duration 01:10. It means that

siren will be activated in 08:00AM for 1 minute and 10 seconds.

File Basic Access Control	Attendance Recorder Elevator Parking TimeAtte	ndance Patrol Report System External Program	Help
🗄 🕵 Exit 🧧 Cardholder Info Setting	💈 Mifare card Issuance 🐣 Add Users Automatic Retrieve Finger Te	mplates 🛛 💣 Remote Open Door 💿 Event Monitor 🛛 🗶 Close	
Move 🖍 🔻 🍰 Time Synchronizatio	n to All		
Device 📫 New 🥩 Modify 🔩 Delete	📓 Save 🖳 Copy		
920	Parameter1 Parameter2 Parameter3 Mifare Parameter		
RAC-340PM	Duty On Time Duty Off Time		
EVACEORDEMET	00.00 🗘 00.00 🗘		
	Controller Mode Access Control 👻		
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	Read		
Login ADMIN Current opeartion: Access	Control Hardware Setting Current Time 2014/3/7 下午 09:16:52		

5-1-6 Parameter 1 (RAC-510/HAC-510/ HAC-512/HAC-C2)

Reading or synchronize device time.

Operation Steps :

- 1. Select the controller on the left side.
- 2. Click 「Connect Testing」. If system connects with hardware successfully, you will read model name, version, sensors and relays status. If connect failed, system will appear a fail notice as below.



Other parameter contents :

- Password Function : Request if system need download password to device. Default is closed. (Not support HAC-C2 Series)
- Read Time : Read device time. If reading successfully, system will show date and time.
- Set Time : Input date and time by user.
- Time Sync : Synchronize time by PC.
- Recorder's Memory : System will show current valid card and event amount.
- Reset Anti Status : Refresh anti pass back status. (Only for RAC-510/HAC-510 series RAC-520v3.00 above.RAC-820/RAC-920 and RAC-930 series)

		ng 🔨 Mifare setting 🚓 Add Users Automatic 🤹 Retrieve Finger Pattern 🖝 Remote Open Door 💿 Event Monitor 🗙 Close Delete 🖬 Save 号 Copy 📑 Order 🏩 Time Synchronization to All
RAC-920	-vincenty -	Parameter2 Parameter2 Mifare Parameter
510PM		510PM(172.16.43.50.4660@1) Password Function Cloce
		2016:09:22 14:09:38
		Connect Testing Read Time
		Set Time Time Sync
		Recorder's Memory Reset Anti Status

5-1-7 Parameter 2 (RAC-510/HAC-510/HAC-512/HAC-C2)

Modify device parameters.

Operation Steps :

- 1. Select the controller on the left side.
- 2. Click 「Read Parameter」 to get back current parameter values of controller.
- 3. Modify the parameter value.
- 4. Click 「Se Parameter」 to set all parameters to controller.

Parameter contents :

[Door Control]

- Save Invalid card Records : Store or not store invalid card records selection. Default is NO.
- Master Card : Required to enter command mode of controller. Default number is 30191000. Kindly refer to hardware manual for more commands information.
- Disarm Code : Deactivate the alarm after disarm code is inputted. Default code is 0000.
- Duress Code : Alarm will be activated and door will be opened upon pressing duress code. Default code is 1190.
- Activate Alarm Relay Under Duress : The alarm relay will be activated if the user is under duress
- Anti-pass back Function : Close or open anti-pass back function. Default is close. (Only for RAC-510/HAC-510 series, RAC-520v3.00 above. RAC-820/RAC-920 and RAC-930 series)

Anti- pass back management: Main controller is for in and slave reader is for out. This function requests user swipe card in main controller for in and must swipe card in slave reader for out. Otherwise, user cannot swipe card in main controller again.

- Door Open Mode :
 - Card Only : Swipe card only.
 - Card/Code : Input card number.
 - Card/Code with password : Swipe card first and then input password or input card and password. (Not support HAC-C2 Series)
- Re-swipe Card Check Time : When swiping a card more than once within the preset time, access deny and controller will make beeps and system does not record the event. (0~255 seconds)
- Primary Reader Password Check Time Schedules: Enable or disable. Need to check password additionally when setting the primary reader In/Out function. (Only for

HAC-512 Series)

 Slave Reader Password Check Time Schedules : Enable or disable. Need to check password additionally when setting the slave reader In/Out function. (For HAC-512 Series)

[Slave]

If reader type is different from current slave reader, system is not able to retrieval events from slave reader.

- Slave Reader (T2): Slave reader supports T2 interface. Reader will send 10 digits back to program.
- Slave Reader (Wiegand 26, 8 codes) : Slave reader supports Wiegand 26 interface.
 Reader will send 8 digits back to program.
- Slave Reader (Wiegand 26, 10 codes) : Slave reader supports Wiegand 26 interface. Reader will send 8 digits back to program and program add 00 in front of number automatically and display 10 digits to users.
- Slave Reader (Wiegand 34, 10 codes) : Slave reader supports Wiegand 34 interface.
 Reader will send 10 digits back to program.

[Primary Reader In/Out Setting]: Set to primary reader In/Out function.

[Slave Reader In/Out Setting]: Set to slave reader In/Out function. (Only for HAC-512 /HAC-C2 Series)

[Push Button with voice]: When pressing the push button to open the door, controller will make a "beep" sound.

[Door I/O Parameter]

- Unlock Door Relay Mode : (Only for HAC-512 Series)
 - Pulse time (sec.): After Door Relay acts, it will recover in a preset time (seconds).
 The default is 4 seconds; it means the unlocked door will relock after 4 seconds.
 (Need to work within the time of door unlock)
 - Toggle : After Door Relay acts , it needs to trigger it again to recover.
- Unlock Door Relay Action Time : The duration of door relay action. Default is 4 seconds.
- Alarm Mode : (Only for HAC-512 Series)
 - Pulse time (second): After Alarm Relay acts , it will recover in a preset time

(seconds). (Need to work within Alarm action time)

- Toggle : After Alarm Relay acts , it needs to trigger it again to recover.
- Latch: After Alarm Relay acts, it needs to enter disarm code to recover.
- Alarm Action Time : The duration of alarm action. Default is 0 second.
- Exit Button Status : Reverse exit button active level. There are 3 statuses : Default value is Short Circuit Action, Open Circuit Action, and Closed Circuit Action.
- Activate Case Sensor: When case is tampered, controller will make beep sound or not.
- Door Sensor Status : Reverse door sensor active level. There are 3 statuses : Short Circuit Action, Open Circuit Action, and Default value is Closed Circuit Action.
- Door Sensor Detection Time : Sets the duration of door's status. Default value is 0 which is deactivated. The time is started when door rely off. Once the function is activate, detect door status function may work.
- Door Sensor Detect Mode : Select controller beeps or alarm activate when door open time has expired. This function should works with 「Door sensor Detection Time」.
 e.g.: Setting : Door open time is 4 seconds .Alarm action time is 5 seconds. Door detection time is 10 seconds. Door detection and warning mode. Set to be Alarm Relay.

Description : After a door opens, it will auto re-lock within 4 seconds. If the door is not closed properly that causes failing to auto re-lock, it will start counting 10 seconds. After 10 seconds, if the door still left open, it will trigger alarm for 5 seconds. The trigger mode is Alarm Relay.

[UI Parameter] (Not support HAC-C2 Series)

• Keypad : Enable or disable keypad function.

[Set Memory Mode] (Not support HAC-512/HAC-C2 Series)

- Set Memory Mode : Except SHR-100, all controllers' default are standard mode
 - Standard Mode : Support 1,024 card numbers with password and 800 events.
 - Compressed Mode : Support 1,400 compressed card numbers with password and 1,800 events.
 - Shared Mode : Support 65,535 card numbers without password and 1,800 events.

Note : Valid card numbers and events will be deleted if changed the mode.

	g Mifare card Issuance Add Users Automatic C Delete Save Copy to Order A Time Synchro Parameter Parameter Mifare Parameter Master Card 30191000 Disarm Code 0000 Duress Code 1190 Activate Alarm Relay Under Duress Enable Anti-passback Function. Close Card/Code with Password Re-swipe Card Check Time 0		
	1190 Activate Alam Relay Under Duress Enable Anti-passback Function Close Door Open Mode Card/Code with Password Re-swipe Card Check Time	Disable Door Sensor Status Closed Door Sensor Detection Time Door Sensor Detect Mode	
Login ADMIN Current ope	artion: Access Control Hardware Setting	Current Time 2016/4/1 下午 02:19:05	

5-2 Auth Setting (HAMS-10)

5-2-1 Group Authorization Setting

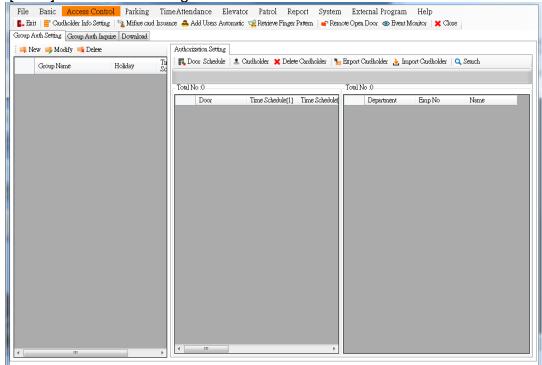
Create group and assign user authorization.

Note: Biometric Characteristics device may only assign a time schedule.

Operation Steps:

- 1. Click [New].
- 2. Input group name.

3. Click [Save] to save the setting.



4. Go to [Door Schedule]. Select a Time schedule from left side first. Then select the doors which you want to authorize.

Hint : Speedy Selection : Press CTRL key and select doors by mouse or press SHIFT key and select doors successively by mouse.

5. Click [OK].

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	ne Attendance Elevator Patrol Report System Extern nce 🚓 Add Users Automatic 🤹 Retrieve Finger Pattern 🖝 Remote Open Do	
p Auth Setting Group Auth Inquire Download	······································	
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AA		
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	age Select Door Group Schedule	
	OK Cancel	
	Set Reverse Select	
	Door Status Setting	
	Door-01 1	
	Door-02 1	
	A-1	
	B-1	
	C-52	
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New 🤿 Modify 🔩 Delete	Authorization Setting	
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₽ŒAB	C Select All Select None	
	Name No	
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	2 ☑ test003 00003	

6. Go to [Cardholder]. Tick the department then you will read cardholder list which belong the department. And then you can start to tick the cardholders.

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19 test020

20 test021

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Current Time 2016/4/8 下午 05:59:19

Login ADMIN Current opeartion: Auth Setting

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- 7. Click [Save] to save the setting. If want to delete the selection, please remove the tick.
- 8. Able to use "Search" function according to the types of search criteria, like Emp. No, Name or Department.

🕵 Exit 📑 Cardholder Info Setting 浅 Mifare card Issuance 🚑 A	iance Elevator Patrol Report System External Program Help M Uses Automatic 😭 Retrieve Finger Pattern 🖝 Remote Open Door 👁 Event Monitor 🗶 Cicce
Group Auth Setting Group Auth Inquire Download	
📫 New 🥩 Modify 📫 Delete	Authorization Steting R Door Scheinlie 🏦 Cautholder 💥 Delete Cardholder 🏠 Birport Cardholder 🍌 Import Cardholder 🔍 Search
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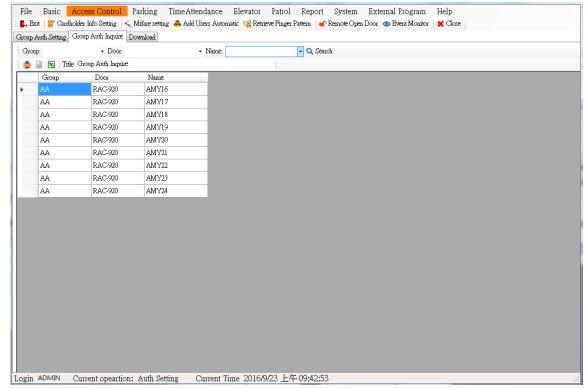
After setting completed, system also allows users to click [Export Cardholder] to produce a txt file base on the setting. The file only includes cardholder name and authority by department. This file may import to system and use for other group authorization

5-2-2 Group Authorization Inquire

Enquire user's authorization. Specify the range according to Group, door and User name. Report provides print function and can be converted to TXT or XLS format for other application.

Operation Steps :

- 1. Check dynamic drop-down menu, you will read group, door and name.
- 2. Click 「Search」.



5-2-3 Download

Download users' authorizations to controller.

Operation Steps :

- 1. Select downloading by group auth. or by device.
- 2. Select group or device or select "All" to downloading.
- 3. Click [¬] Start ₊ to start the download.

	endance Recorder Elevator Parking TimeAttendance Patrol Report System External Program Help
Group Auth Setting Group Auth Inquire Down	are card Issuance 🚔 Add Users Automatic 😭 Retnieve Finger Templates 🖝 Remote Open Door 🐵 Event Monitor 🗶 Clove
AA	□ 900 □ RAC-340PM □ RAC-340PM ○ Modification
All	
🔘 By Group Auth	By Device
ogin ADMIN Current opeartion: Auth Setting	Current Time 2014/3/7 下午 09:22:31

5-3 Access Control Hardware Setting (HAMS-19)

Hardware Supported List : HAC-100/HAC-101/HAC-710/RAC-810PMF/RAC-820PEF/ RAC-820PMF/RAC-820PMFV/RAC-852/940/960/970/971/RAC-850PMFA/HAC-A12

HAC-101 is an elevator controller by default. If you need to use it as an access controller, please go to "Special Parameter Settings" in "Mifare Settings" to change the mode to be an access control mode then add the new hardware. (Please refer to the chapter "Special Parameter Settings")

5-3-1 Hardware Detail List

Operation Steps:

- 1. Click [New], then select communication type.
 - Communication Type : Select COM PORT or TCP/IP. When using COM PORT, please make sure the COM PORT number and baud rate must be 19200. When using TCP/IP, please input IP address and port.
- 2. Input device name and device ID (Default ID is 1).
- 3. Select device model.
- 4. Save the setting. The [Verify Device] is reserved.

File Basic Access Control Parking Time Attendance Elevator Patrol Report System External Program Help
🚛 Exiti 🧧 Cardholder Indo Stetting 🔨 Mither setting 📥 Adol Users Antomatic 🤹 Retrieve Finger Pattern 🖝 Remote Open Door 🐵 Event Monitor 🗶 Close
Derice 📪 Nery 🥏 Modify 🧠 Delete 🔛 Save 🔢 Order 🗟 Read 📾 Set 🗣 Copy 🏡 Time Synchronization to All
Add Device
Comm. Type Parameter
© Port IP
• IP 172.1642.25
Port
4660
Device Name
Device Name 900PMF
Denie D
Denze Model
RAC-96FMF -
Save Brit
ogin ADMIN Current opeartion: Access Control Hardware Setting Current Time 2020-01-03 16:40:36

- 5. Click [Copy] and may copy parameter to other same model machines.
 - Copy Parameter : Only copy Siren Timetable and Duty Time Switch Table and Password/Alarm Timetable to selected same model machines.

- Upload Parameter : System will upload above timetables to selected same model machines individually.
- Copy and Upload : System will copy and upload current machine's timetables to selected same model machines.

	ndance Elevator Patrol Report System External Program Help	
	Jsers Automatic 🤹 Retrieve Finger Pattern 🛛 🛶 Remote Open Door 💿 Event Monitor 🛛 💥 Close 🗌	
🗄 Device 📫 New 📫 Modify 👒 Delete 🍟 Save 📗 Order 🍃	🖁 Read 🗰 Set 📲 Copy 🛛 🏡 Time Synchronization to All	
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970f 960 960F_01	Comm. Type Parameter Device D	Card with password
960F_01 HAC-100		
INVIO	🔁 Exit 🗸 Execute Controller Name 960F	
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	 Uplcad parameters 	e Sync Version
	 Copy and Uplcad 	01.07 10:25:13
		11.07 10:25:15
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Login ADMIN Current opeartion: Access Control Ha	ardware Setting Current Time 2020-01-07 10:25:31	

- 6. Click [Time Sync] to read device time.
 - Time Sync. : Synchronize time by PC
 - Set Time : Input date and time by user.
- 7. Click Order may sort the devices.

📲 Order 🛛 🚠 Time Synchronization to All



8. Click Time Synchronization to All may correct all devices' time once.

5-3-2 Modify Connecting information

It is mainly to modify communication parameter, like IP address, port number, device name, and device ID and model selection.

Operation Step:

- 1. Select the controller on the left side.
- 2. Click [Modify].
- 3. Modify the setting. For example : comm. type, device name and device ID.
- 4. Clicking [Save] to saving the modification.

	ndance Elevator Patrol Report System External Program Help see Antonatic @ Retrieve Finger Pattern ● Renote Open Door ● Event Monitor ★ Close Read ■ Set % Copy ▲ Time Synchronization to All 9607 ◆ Connecting ● Pasameter 1 ● Pasameter 2 ● Parameter 3 ● Pasameter 4 Comm Type Pasameter 7 ● Port ● Port	Card with password Time Sync Version
Login ADMIN Current opeartion: Access Control Ha	Slave Read Slave Read Slave Read Slave Read Slave Read Device Name Set Set Device D I Device D I Device D I Device Model RAC-960PMF Save Ent	Device N Slave Reader OUT

Other modifiable parameters:

- <u>Activate slave reader</u>: Depending on current device structure. After tick check box of Activate salve reader and then user can input slave reader name. Request to tick check box for using time and attendance management or patrol management.
- <u>Slave Reader Name</u>: The name will show when retrieve swiped records and swipe card report.
- <u>Card with password</u>: Tick the check box and system will download password to device. Users may need swipe card then press password for access. If the password is not entering in cardholder information, the door will open upon swipe valid cards. (For RAC-810PMF/RAC-820PEF/RAC-820PMF reserved)

• <u>Assigned In/Out</u>: Assigned In and out of controller and slave reader.

After modify the parameter, please remember to press button [Set] to download the value and then the settings will be effected.

[Parameter Setup]:

Note! Modify system parameter will clear all valid cards and swipe card records. Please do not modify it arbitrary. In order to modify system parameters unwittingly, user need press button [Read] and then may modify the parameters.

- <u>Reader Type</u>: If reader type is different from current slave reader, system is not able to retrieval events from slave reader.
 - Slave Reader (T1/T2): Slave reader supports T1/T2 interface. Reader will send 10 digits back to program.
 - Slave Reader (Wiegand 26, 8 codes): Slave reader supports Wiegand 26 interface.
 Reader will send 8 digits back to program.
 - Slave Reader (Wiegand 26, 10 codes) : Slave reader supports Wiegand 26 interface. Reader will send 8 digits back to program and program add 00 in front of number automatically and display 10 digits to users.
 - Slave Reader (Wiegand 34, 10 codes) : Slave reader supports Wiegand 34 interface. Reader will send 10 digits back to program.
- <u>Max. no of valid card :</u> Default valid card number is 10,000 and max. 18,000.
 Note : Controller will draw up a best memory distribution, so sometime the current value will different from your setting. For example : Set valid card no is 12,000, but after read back setting values, you will read 12,006 cards. It is normal situation. By the way, the valid card amount will affect event space. If the valid card amount is few, the event space will increase.
- <u>Device Mode</u>: When select "Simple Mode", controller will display card number only when card swiped. If select "Valid Card+Name", controller will display name and card number when card swiped. Default display of card number is ****, if wants to display plain code, kindly go to Parameter 1 to enable display card number function.
- <u>Retrieve Biometric Characteristics</u>: Please input card number first when "Once" selection. Then press button [Retrieve]. It is highly recommend retrieving all biometric characteristics at first time. After that, user can retrieve biometric characteristics singly to avoid long time retrieval. (System will take 4~5 minutes for 200 biometric characteristics)

Note : Please retrieve all biometric characteristics when no users use machine, especial avoid office hours lest retrieval failed. If retrieval failed, system will have a log file in C:\Program files\HAMS-19\Logs\date.log. Operator may know which retrieval is failed and retrieve it again by "Once"

			01100 .	
File Basic Access Control Parking TimeA		-	, 0	•
🕴 🕵 Exit 🛛 🗧 Cardholder Info Setting 🗧 🔨 Mifare setting 🛛 🐣 Ac	ld Users Automatic 🤹 Retriev	ve Biometric Characteristic	s 🛛 💣 Remote Open Door 🛛 💿 Event I	Monitor 🛛 🗙 Close
🕴 Device 📑 New 📫 Modify 🎽 Save 🔩 Delete 📑 Order	📓 Read 💼 Set 🏪 Copy	🔝 Time Synchronizatio	n to All	
RAC-850PMFA	RAC-850PMFA			
HAC-710PE RAC-960PMF	🔸 Connecting 🔛 Param	neter 1 🔛 Parameter 2	🛃 Parameter 3 📓 Parameter 4	
RAC-852	-Comm. Type	Parameter	- Device ID	Card with password
	 Port 	\mathbb{P}	1	
	0 P	172.16.42.50		
		Port	Activate slave reader	Time Sync Version
		4660	Slave Reader Name	
				2020/07/23 11:49:30
	Parameter Setup			Set Time
	-Reader Type		Max. no. of valid card:	Assigned INOUT
	 Slave Reader (T1/T2 	2)	10240	Device
	 Slave Reader (Wieg 	and26, 8 Codes)		
	 Slave Reader (Wieg 	and26, 10 Codes)	Device Mode	
	Slave Reader (Wieg	and34, 10 Codes)	 Simple Mode 	Slave Reader
			Valid Card + Name	OUT -
	Set Read	d	Valid Cald + Nalife	
	Retrieve Biometric Charac	teristics		
	Once Card	No		
			Retrieve	
	All			
Login ADMIN Current opeartion: Access Control	Hardware Setting C	urrent Time 2020-0	7-23 11:49:57	

5-3-3 Parameter 1

To modify controller's status

Operation Steps:

- 1. Select the controller on the left side.
- Click [Read] to get back current setting of controller. System will read parameter 1, parameter 2, parameter 3 and parameter 4 back at the same time. Similarly when click [Set], system will set all parameters once.
- 3. Parameter 1 contents:

[Device Status Setup]

- Doesn't inspect auth. on time schedule of slave reader : Tick the check box, request card with pin code for slave reader access. (Default is unchecked).
- Indoor Mode : When tick the check box, controller will be indoor mode. If preceding parameter is ticked, controller will check access authorization.
- Activate alarm for blacklist card : Tick the check box, the alarm will activate when swipe blacklist card.
- Do not request password of slave reader : When tick the check box, slave reader only request swipe card.
- Display card number : Controller will display card number after tick the check box.
- Do not store invalid card record : System will not store invalid card records after tick the check box.
- Cannot overwrite store records : System will stop saving data when the storage limit is exceeded. User need retrieve all data to database first.
- Activate alarm when memory full : When stored records full, system will receive "Memory Full" event. This function works hand in hand with "Cannot overwrite store records" Function. System will activate a warning alarm. Note : Only RAC-820PMFV/852/960/RAC-970 supports this function.

[Error Setup]

- No. of re-swipe card: Allowed error times of re-swiping the same card. This function works hand in hand with "Max. re-swipe invalid card to ceases system" function.
- Max. re-swipe invalid card to ceases system : How many seconds the device will stop working when re-swiping invalid card. After a certain period of time, the device will function again. This function works hand in hand with "No. of re-swipe card" Function.
- Frequency of fingerprint mismatch : Select the number of times that fingerprint

mismatches. If the fingerprint mismatch reaches the given times, the device will pause for some seconds and then resume to work(Only for fingerprint models) Note : The retry count by card, or by fingerprint are separate.

[Compress Valid Code]

- Index : The index digit of compare valid card number.
- Length : How many digits you want to compare.
 Ex : Card No. is 1234567890, if compare index is 1, compare length is 3. Valid cards with number starting with 123 will be granted access.

[Retrieve Valid Code]

- Index : The index digit of retrieve valid card number.
- Length : How many digits you want to retrieve of valid card no.
 Ex : Card NO. is 1234567890, valid code index is 2, length is 6. The retrieve valid card no. will be 234567. Please note, in cardholder information, the card no. should be 234567 too, otherwise the door will not open.

[Master/Disarm/Duress]

- Master Card : Required to enter command mode of controller (Default is 30191000).
 Kindly refer to hardware manual. (For RAC-820PMFV reserved)
- Disarm Code/card : To deactivate the alarm, disarm code/card is inputted.(Default code is 0000)
- Duress Code/card : Alarm will be activated and door will be opened upon pressing duress code/card.(default code is 1190)

[LCD Display Date] (For RAC-810PMF/RAC-820PEF/RAC-820PMF/RAC-820PMFV reserved)

- YYYY/MM/DD : LCD displays Year/Month/Day.
- MM/DD/YYYY : LCD displays Month/Day/Year.
- DD/MM/YYYY : LCD displays Day/Month/Year.

[Select Language] (RAC-810PMF/RAC-820PEF/RAC-820PMF/RAC-820PMFV language options for voice prompts)

- English : LCD displays English. (Voice prompts are in English)
- Tradition Chinese : LCD displays Tradition Chinese. (Voice Prompts are in Chinese)

Simplified Chinese : LCD displays Simplified Chinese. (Voice Prompt are in Chinese)

[Time Adjustment] (For RAC-810PMF/RAC-820PEF/RAC-820PMF/RAC-820PMFV reserved)

 Hourly Adjustment : How many hours would like to be set 1 second forward or 1 second backward.

[Keypad Setup] (For RAC-810PMF/RAC-820PEF/RAC-820PMF/RAC-820PMFV reserved)

- Enable keypad : Tick the check box then keypad is enabled.
- Enable function key : Tick the check box; function keys F1/F2/F3/F4 will be enabled.
- Keypad with backlight
 - Auto: When swipe card or press the keypad, the keypad backlight will activate automatic.
 - Open : Always activate of keypad backlight.
 - Close : Always inactivate of keypad backlight.
- 4. After clicking [Save], please click [Set], then the parameter for the settings to take effect.

File Basic Access Control Parking TimeAtten ■ Enti ■ Cardholder Info Setting ← Milne setting → Add Us Device → New → Modify → Delee → Save ● Order → 970 → 970 → 970	ns Automatic 😪 Retrieve Finger Pattern 🛶 Remote C Read 📾 Set 🏪 Copy 🏡 Time Synchronization to A 960F	Dpen Door 💿 Event Monitor 🗙 Close	LCD Display Date • YYYYAMADD MMDDAYYYY DDMMAYYYY Select LCD Language © English Chinese (Simplified) Keypad Setup Ø Enable Function Key Keypad with Backlight @ Auto Open © Close
Login ADMIN Current opeartion: Access Control Hard	ware Setting Current Time 2020-01-07	10:27:56	

5-3-4 Parameter 2

To modify relay and sensor's status of controller

Operation Steps:

- 1. Select the controller on the left side.
- Click [Read] to get back current setting of controller. System will read parameter 1, parameter 2, parameter 3 and parameter 4 back at the same time. Similarly when click [Set], system will set all parameters once.
- 3. Parameter 2 contents:

[LCD Status Setup] (For RAC-810PMF/RAC-820PEF/RAC-820PMF/RAC-820PMFV reserved)

- Backlight Mode
 - Auto : When swipe card or press the keypad, the LCD backlight will activate automatic.
 - Open : Always activate of LCD backlight.
 - Close : Always inactivate of LCD backlight.
- Return to ready status (sec.) : The duration of return to ready status after swiping card.

[Case Sensor Alarm]

- Activate buzzer : Activate buzzer when controller tamper proof.
- Activate alarm relay : Activate alarm relay when controller tamper proof.

[Alarm relay Setup]

- Pulse (Second) : It will return to original position within the time you set.
- Toggle : Alarm relay will not return to original position until alarm relay has been activated again.
- Latch : It will not return to original position until alarm release code has been entered.

[Anti]

- Close : Disable Anti-pass back function.
- Open : Enable Anti-pass back function. When enable this function, the slave reader must be installed.

Anti-pass back management : Main controller is for in and slave reader is for out. This function request user swipe card in main controller for in and must swipe card in slave reader for out. Otherwise, user cannot swipe card in main controller again.

HUNDURE

[Activate Alarm Setup]

- Enable Time (Minute) : The duration of alarm after activate alarm.
- Disable Time (Minute) : The duration of alarm after inactivate alarm.
- No. of Repetitive : The repetitive number of activate and inactivate alarm when in the emergency.

Ex: Set enables time as 1, disable time as 1 and No. of repetitive as 3. The system will activate alarm for 1 min then stop it. After 1 min later, activate alarm again and 3 times continuously.

Note : This parameter only takes effect in Latch mode of alarm relay.

[Door Relay Setup]

- Pulse (Second) : Door relay will return to original position within the time user set.
 Default is 4 seconds.
- Toggle : Door relay will not return to original position until door relay has been activated again.

[Finger] (RAC-810PMF/RAC-820PEF/RAC-820PMF/960PXF/970PXF/971PXF) / [Finger Vein Parameter] (RAC-820PMFV/852PXFV)

- Activate 1:1 Authentication : Default is 1 : N identification, user access by biometric characteristics only. When tick the box, user need swipe card and put biometric characteristics for access. (For RAC-820PMFV reserved)
- Multiple card Comparison : Download the dual card according to the dual card settings in the "Basic" setting.
- Enable Audio Prompt : Default is enabling audio prompt.
- Assign a Biometric Characteristics as Master Card : Assign a user's biometric characteristics as Master card. (For RAC-810PMF/RAC-820PEF/RAC-820PMF/RAC-820 PMFV reserved)
- No need identify finger when card no is authorized : Allow users open door by card only, do not need use finger vein. (For RAC-810PMF/RAC-820PEF/RAC-820PMF/ RAC-820PMFV/RAC-852 series only)
- RS-485 Mode : Communication with finger reader or DVR selection. (For RAC-810 PMF/RAC-820PEF/RAC-820PMF/RAC-820PMFV reserved)

[Select Relay Action] (For RAC-810PMF/RAC-820PEF/RAC-820PMF/RAC-820PMFV reserved)

Relay 0 signifies built-in relay of controller. Relay 1 and relay 2 signifies relay 1 and 2 of

ACU-30. Default mode is mode 0.

Note : When change Relay 2 from siren to alarm, please clear siren timetable and download the setting. Relay action will become to alarm.

	Relay0	Relay1	Relay2	Relay3
Mode 0	Door	Door	Alarm/ Siren	Х
Mode 1	Bell	Door	Alarm/ Siren	х

[Door Sensor Alarm Action]

- Activate Buzzer : Activate buzzer when door does not close.
- Activate Alarm Relay : Activate alarm relay until door has to be closed.
- Door Sensor Detection Time : Sets the duration of door's status. Default value is 0 which means this function is deactivated. Example : Sensor detection time is 30 seconds, if the door open time has expired 30 seconds after door relay return to original position but door does not close, controller will make beep sound continuity.

[Bell Relay Setup] (For RAC-810PMF/RAC-820PEF/RAC-820PMF/RAC-820PMFV/RAC-852 reserved)

• Pulse (Second) : Set the duration of bell.

[Sensor NC/NO]

- Door Sensor NO : Reverse Door sensor active level. Default is NC.
- Push Button NO : Reverse Push Button active level. Default is NO.

4. After clicking [Save], please click [Set], then the parameter for the settings to take effect.

RAC-850PMFA	RAC-960PMF				
HAC-710PE RAC-960PMF	-	Parameter 2 🔛 Parameter 3 🔛 Parameter	4		
I ANO SOLI MI	LCD Status Setup	Activate Alarm Setup	Door Sensor Alarm Action		
	Backlight Mode	Enable Time (Minute)	📝 Activate Buzzer		
	 Auto 	0	Activate Alarm Relay		
	Open	Disable Time (Minute)	Door Sensor Detection Time		
	Close	1	0		
	Return to Ready Status(Sec)	No. of Repetitive	(Disable when value is 0)		
	8	1	(Disable when value 5 0)		
	Case Sensor Alarm	Du Dia Ga			
	Case Sensor Alarm	Door Relay Setup	Bell Relay Setup	Pulse(Sec)	
		 Pulse(Sec) 	- · · ·		
	🔲 Activate Alarm Relay	4.0	4.0		
		💿 Toggle			
	Alarm Relay Setup	Finger			
	 Pulse(Sec) 	Activate 1:1 Authentication	RS-485 Mode		
	0.0	Multiple Card Comparison	Finger Reader 👻		
		📝 Enable Audio Prompt			
	🔘 Toggle	📃 Assign a Biometric Characteristics as N	waster Card		
	 Latch 				
	Anti	Select Relay Action	Sensor NC/NO		
	 Close 	 Mode 0 (Door/Door/Alarm, Siren) 			
	Open	Mode 1 (Bell/Door/Alarm,Siren)	Door Sensor NO		
	- ·		Push Button NO		

5-3-5 Parameter 3

To modify controller's siren and unlock door time schedule

Operation Steps:

- 1. Select the controller on the left side.
- Click [Read] to get back current setting of controller. System will read parameter 1, parameter 2, parameter 3 and parameter 4 back at the same time. Similarly when click [Set], system will set all parameters once.
- 3. Parameter 3 contents:

[Siren Timetable]

- Operation Steps:
 - Select numeric keys, 4 sets of alarm time schedule to each numeric key 1~8. Total has 32 sets. (RAC-940PE/PM/PMD only has 8 sets.)
 - 2. Tick the box which wants to activate.
 - 3. Input start time.
 - 4. Input duration of alarm.
 - 5. Tick the box of weekday. The alarm will not activate if the check box is not ticked.

[Conditional Unlock Door]

- Operation Steps:
 - 1. A controller provides 8 sets conditional unlock door time.
 - 2. Tick the box which wants to activate.
 - 3. Select the time schedule which has been set in "Access Control Time Schedule Setting" function
 - 4. Click [Save] and [Set], the parameter for the settings to take effect.

Note:

- 1. Please set time zone and time schedule first.
- Priority authorization of access control is holiday schedule first. Then conditional unlock door and periodic time schedule.

, ≁ E	xit Pe	ariodic Setting H	oliday Settin <mark>g Conditi</mark>	onal Unlock Door												_		
me	Zone Set	tting			Time	Schedule	e Setting									Condit	ional Unlock Door —	
Mod	lify Ca	ncel Save Can	cel 📄 Advance		Mo	dify Ca	ncel Save Can	cel								Save		
	No	Start Time	End Time			No	Description	Mon	Tue	Wed	π.,	Fri	Sat	Sun	Universal Holiday Setting		Device Name	
	0	00.00	23:59			140	Description	NIOII	1000	W CU.	THU	PII	હતા	1002	Setting			-
	1	00:00	00.00	E	Þ	0									2		Description	
	2	08:00	17:00			1	2	0	0	0	0	0	0	0	0	1		-
	3					2	3	0	0	0	0	0	0	0	0	2		T
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	8					7	8	0	0	0	0	0	0	0	0			
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	18					17		0	0	0	0	0	0	0	0			
	19					10		0	0	0	- -	0	0	<u>^</u>				
	20				•							-			4			
	21																	
	22																	

Operator may set unlock door time in parameter 3 or time schedule worksheet as below.

Note : Once set unlock door time schedule in time schedule worksheet, please remember back to parameter 3 to upload the settings (Click button SET) into device.

[LCD display original duty shift automatic] : Controller LCD display will return to original duty shift automatic when user changes duty shift by manual. (For RAC-810PMF/RAC-820PEF/ RAC-820PMF/RAC-820PMFV reserved)

[Roll Shutter Mode]: Access control mode will become Roll shutter mode. How to control roll shutter, kindly check hardware manual (For RAC-940/RAC-960PE/PM/PMD,RAC-970 PE/PM/PMD, RAC-971PE/PM and RAC-850PMFA only)

[Re-swipe Card Check Time]: This is the time for checking the card repeatedly. As the time is set, once user swipes card more than once within a preset time, system will not record the event and will make beep sound. (For RAC-820PMFV/ RAC-850PMFA reserved)

[Activate alarm relay when reach the number of errors]: System will activate alarm relay when reach the number of errors. (For RAC-810PMF/RAC-820PMF/820PMFV/852/940/960/970/971/RAC-850PMFA only) to activate this function, please set values in parameter 1 [No of re-swiped card]

[Push Button with voice] : When pressing the push button to open the door, controller will make a "beep" sound. (Only for RAC-960/970/971 Series)

[Assign a Biometric Characteristics as Master Card] (For RAC-852/RAC-960PMF/ PEF, RAC-970PEF/PMF/PMDF/RAC-971PEF/PMF Only)

Assign a biometric characteristics as master card/code. After click [Setting], the biometric characteristics settings will be affected.

[Memory Read/Write]

Change memory value from specified block to change controller actions. Please contact with service for details operation. Please do not modify data arbitrary, therefore controller will be abnormal

4. After clicking [Save], please click [Set], then the Siren Timetable and Conditional Unlock Door setting will be affected.

The Date Arrest Could Delive The A	Harden Planter Detail Decard Gater Patenting The	
	ttendance Elevator Patrol Report System External Program Help	
	d Users Awtomatic 🤹 Retrieve Biometric Characteristics 🛛 🗬 Remote Open Door 💿 Event Monitor 🛛 🗙 Close	
Device 📫 New 🥩 Modify 🔛 Save 🔩 Delete 📑 Order	📓 Read 🔳 Set 🏪 Copy 🔝 Time Synchronization to All	
RAC-850PMFA HAC-710PE	RAC-960PMF	
RAC-960PMF	Connecting & Parameter 1 & Parameter 2 & Parameter 3 & Parameter 4	
RAC-852	Siren Timetable	
	Time Sec M T W T F S S	
	2 00.00 0 m Carl Check Time	
	3 0000 0 to 0 to 0 to 0 to 0 to 0 to 0 t	
	4 00:00 0 - Push Batton with voice	
	1 2 3 4 5 6 7 8	
	Assign a Biometric Characteristics as Master Card	
	· · · · · · · · · · · · · · · · · · ·	
	Setting Delete	
	Conditional Unlock Door Memory ReadWrite	
	I 1 1 - 5 1 - Index 14	
	2 1 - 6 1 - Length 1	
	3 1 Value	
	■ 4 1 · · · · · · · · · · · · · · · · · ·	
Login ADMIN Current opeartion: Access Control I	II Hardware Setting — Current Time 2020.07.21.15:54.09	

5-3-6 Parameter 4

It is mainly set what duty shift you want to display in the device.

Operation Steps:

- 1. Select the controller on the left side.
- 2. Click [Read] to get back current setting of controller. System will read parameter 1, parameter 2, parameter 3 and parameter 4 back at the same time. Similarly when click [Set], system will set all parameters once.
- 3. Parameter 4 contents:

[Duty Timetable]

- Display Duty Shift : Provide 7 sets duty shift name. The first set displays when controller in the Ready Status.
- Duty Time Switch Table : Controller will switch duty shift and display on LCD base on this setting.

Operation Steps:

- Select numeric keys, 4 sets of duty shift time schedule to each numeric key 1~8. Total has 32 sets.
- 2. Tick the box which wants to display on the LCD.
- 3. Input start time.
- 4. Input duty shift code.

[Anti Reset]

Operation Steps:

- 1. Tick the check box which wants to activate.
- 2. Input start time. System will follow the setting to manage In/Out access.

[Password/Alarm Timetable Setup]

- Request Password Schedule : Request swipe card with password for access.
 Operation Steps:
 - 1. A controller provides 8 sets password schedule.
 - 2. Tick the box to activate the password schedule.
 - 3. Select the time schedule. (Please set time zone and time schedule first.) Note : Please tick the check box of card with password. Then the function is effective. Kindly refer to Chapter 5-3-2. If users do not set password timetable and tick the check box of card with password, system will request 24 hours card with password for access.

 Alarm Schedule : When alarm schedule has been set, system will only activate alarm during the time range of schedule. Otherwise alarm relay can activate for anytime.

Operation Steps:

- 1. A controller only provides a set alarm schedule.
- 2. Tick the check box.
- 3. Input time range.
- 4. After clicking [Save], please click [Set], then the parameter for the settings to take effect.

960F 970	960F
970f	🗲 Connecting 🔛 Parameter 1 🔛 Parameter 2 🔛 Parameter 3 🔛 Parameter 4
960 960F_01	Duty Timetable Anti Reset Display Duty Shift Duty Time Switch Table
HAC-100	Depay Duty Shift Duty Time Duty Shift 1 0000 9 0000
	2 DUTY ON 1 . 7 V 2 0000 10 0000
	4 DMARK 001 5 BREAK IN 3
	6 OT_START 4 7 10000 13 0000
	7 OT_END 6 00.00 14 00.00
	1 2 3 4 7 0000 15 0000
	Password/Alarm Timetable Setup
	Request Password Schedule Alarn Schedule
	3 0000-2359 7 0000-2359 7
	4 0000-2359 v B 0000-2359 v

5-3-7 Function Set (HAC-100/HAC-101/HAC-710/HAC-A12/HAC-971)

To display the device information and do the time calibration (Time Sync).

Operating Steps

- 1. Press "Read" button to get all the device function information.
- 2. The window will display function contents, like model number, firmware version, card-

holder's capacity etc.

ice 📫 New 🦈 Modify 🔛 Save 吨 Delete 📑 C RAC-850PMFA HAC-710PE	HAC-710PE				
INVIOL	 Function Set 	📓 System Parameter 📓 Access control parame	ters 🌮 Time At	tendance Parameters	
	🖏 Read 🔳	Other information			
	Unique	Function name	Content	2020/07/20 16:27:10	
	▶ 2	Device Type	HAC-710PM	Set Time	
	3	Firmware Version	1.2		
	4	Maximum no. of valid cards	20000	Read Time	
	5	Maximum no. of swiped card records	40000	INCOLD 1 MILE	
	6	Number of Ethemet Ports	1	Time Sync	
	7	Number of RS-485 Ports	1	Time Sync	
	8	Number of RS-232 Ports	0		
	9	Automatic sorting by card number(0:No,1:Yes) 1		
	10	Total number of doors	1		
	11	Number of reader	1		
	16	AntiPassback	1		
	16	Door Interlocking	0		
	18	No. of time zones	256		
	19	No. of holidays schedules	2		
	21	Max. Number of Digits (Valid Card)	16		
	22	Max. Number of Digits (Password)	4		
	23	Capacity for valid card to display message	0		
	24	The size of the communication buffers (32Byte) 45		
	27	Total Number of Relays	1		
	32	Firmware Date	2020/07/20		

3. Click "Other Information", the number of invalid cards and the number of transaction will

be displayed on the window.

File Basic <mark>Access Control</mark> Parking LExit = Cardholder Info Setting < Mifare se		ator Patrol Report System E & Retrieve Finger Pattern 💕 Remote Open Do	-	-				
Device 📫 New 📫 Modify 🔡 Save 👒 Delete	📲 🗘 Order 🐰 Read 💷 Set 号	Copy 📩 Time Synchronization to All						
RAC-850PMFA	HAC-710PE							
HAC-710PE	🔸 Function Set	📓 System Parameter 📓 Access control pa	rameters 🛛 😻 Time Att	endance Parameters				
		Other information						
	Unique			2020/07/20 16:27:10				
	D	Function name	Content	20200//2018/27/10				
	▶ 2	Device Type	HAC-710PM	Set Time				
	3	Firmware Version	1.2					
	4	Maximum no. of valid cards	20000	Read Time				
	5	Maximum no. of swiped card records	40000					
	6	Number of Ethernet Parts	1	Time Sync				
	7	Number of RS-485 Por Number of RS-232 Hint	1	×				
	8	Automatic sorting b						
	10		Total number of dot					
	11	N. La vC av la Constanti Anno 19 The n	umber of valid cards:					
	16	AntiPassback The n	umber of transaction	s (logs): 5				
	16	Door Interlocking						
	18	No. of time zones	ſ					
	19	No. of holidays sch	l	ОК				
	21	Max. Number of Disease						
	22	Max. Number of Digits (Password)	4					
	23	Capacity for valid card to display message						
	24	The size of the communication buffers (3)	2Byte) 45					
	27	Total Number of Relays	1					
	32	Firmware Date	2020/07/20					
gin ADMIN Current opeartion: Acces	s Control Hardware Setting	Current Time 2020-07-20 16:28	:43					

Other parameter contents:

Read Time : Get the device's current time; if successfully, it will show the message "Read Successful" and show the time. (Year, Month, Date, Hour, Minute, Second) Set Time : Set the time and synchronize the time to device.

Time Sync: Do the time sync. (Calibration) to device according to the time on PC.

5-3-8 System Parameter (HAC-100/HAC-101/HAC-710/HAC-A12/HAC-971)

To modify the device's parameters :

Operating Steps :

- 1. Select the device (control panel) that you are going to modify.
- 2. Press "Read" button to get the existing settings.
- 3. Modify the parameter settings.
- 4. Press "Set" to effect the changes.

Parameter Functions are as below :

[UI Parameters] (Not support HAC-710PE/PM and HAC-A12)

- Language options :
 - English : LCD displays in English.
 - Traditional Chinese : LCD displays in Traditional Chinese.
 - Simplified Chinese : LCD displays in simplified Chinese.

[Date Format] Settable the date format to display on device LCD:(Not support HAC-710 and HAC-A12 Series)

- YYYY/MM/DD : Device LCD displays date format (Year / Month / Date) 。
- MM/DD/YYYY : Device LCD displays date format (Month/Date/Year) 。
- DD/MM/YYYY : Device LCD displays date format (Date / Month / Year)
- •YYYY-MM-DD : Device LCD displays date format (Year-Month-Date)
- MM-DD-YY : Device LCD displays date format (Month-Date-Year)
- DD-MM-YY : Device LCD displays date format (Date-Month-Year)

[LCD backlight mode] (Not support HAC-710 and HAC-A12 Series)

LCD backlight mode

Auto : While operating it or swiping card, the LCD backlight will be activated.

- Open: LCD backlight is always on.
- Close : LCD backlight is always off.

[Keypad with Backlight mode] (Only support HAC-971)

- Keypad with Backlight Mode
 - Auto : While operating it or swiping card, the LCD backlight will be activated.
 - Open : LCD backlight is always on.
 - Close : LCD backlight is always off.

[Message Stay Duration] The time(1~255 seconds, 0 means the default value 10 seconds) that message will stay on LCD. (Not support HAC-710 and HAC-A12 Series)

[Number keys] enable / disable numeric keys.

[Volume control] Can adjust the volume of sound, eg. Off, Small, Medium, Large. (Only for HAC-100/101 Series/HAC-710/ HAC-A12 and HAC-971 Series)

[Function keys] enable or disable function keys; The default value is to enable the function keys F1/F2/F3/F4 or HAC-A12's bell function. (Not support HAC-710 Series)

[Display card number method] Select how the LCD display while swiping card: (Not support HAC-710 Series/HAC-A12)

- Display the asterisk symbol "*".
- Display card number.

	📑 Order 🛛 🔄 Read 🔟 Set 🏪 Copy 🖌 📩 Time Synchronizatio	n to All
-01 -01	100-01	
PMF-01	🔸 Function Set 📓 System Parameter	📓 Access control parameters 🥻 Time Attendance Parameters
	i 🐫 Read 🌰 Set	
	UIParameters	
	 Select LCD Language English 	Message Stay Duration
		0 w
	 Chinese (Tradition) 	(0~255, 0 signifies default value is 10 seconds)
	 Chinese (Simplified) 	
	Date Format	Number keys
	YYYYMM/DD	Close
	MM/DD/YYYY	Open
	DDMM/YYYY	Function keys
	YYYY-MM-DD	Close
	MM-DD-YY	
	DD-MM-YY	Opén
	Backlight Mode	Display Card No Method
	Auto	 Display Asterisk
	 Open 	O Display Card No
	© Close	The last 3 digits of card number show **
	Volume control	
	 Off 	
	Small	
	Medium	
	Large	

5-3-9 Access control parameters (HAC-100/101/HAC-710/HAC-971)

To modify the device's parameters for access control settings Operating Steps:

- 1. Select the device that going to modify.
- 2. Press "Read" to get the existing setting values, press "get door I/O status" to pop up the window to show the current door I/O status.
- 3. Change the parameter settings.
- 4. Press "Set" to effect the changes.

810PMF_01 820PMF_01	100_01	the second s		
852PMFV_01	🗲 Function Set 🔝 System Parameter 📓 A	COSS CONTOI PROMIETES 2 Ime Atte	ndance Parameters	
BOODMI SOOPMFV_OI ■ ROOPMFV_OI	Unlock Door Relay Mode R Pulse V	ky Mode Setting Jay Mode Gole (Dozon/Alamo Shen *) ill Action Time(Sec) 4	Doe control devices Fast Carl to Conditional Unlock Save Invited Card Records Disable Holdary Conditional Unlock Cardinot Alam Outer Dures Code) Antipotable Housing Code) Rope In Active State Handson Conditional Unlock Door Note Antipotable Hunchen Tunes Code) Rope Include Paraveol Carls Tune Scheinles Note Note Note State Reader Paraveol Carls Tune Scheinles Note State Reader Muchen Tune Scheinles Note State Reader Muchen Tune Scheinles Note Mate Code J000 Duress Code 1150 Reaving Carl Carls TuneScheinles O Reaving Carls O Carls Carls	Curd Swipe Mode: Curd Swipe Only Curd Swipe and Password Slave Fender Slave Fender Slave Render (72) Slave Render (Wignat26, 8 digite) Slave Render (Wignat26, 10 digite) Slave Render (Wignat34, 10 digite)

1	r Read 📾 Set 🗣 Copy 🏡 Time Synchronization to All
0101	4 Function Set 🐘 System Parameter 📓 Access control parameters 🤔 Time Attendance Parameters
-)1 01	Creation (C) Certator (D) status Door (D) Parameters Door you would derive a
	Unlock Door Relay Setting Relay Mode Setting First Card to Conditional Unlock Card Swipe Modes
	Unlock Door Relay Mode Value State S
	V Desde Housy Conditional Onick Carol Core
	Unlock Door Relay Action Time(Sec) Est Nacion Time(Sec) IV Activate Alarm Under Durets (Code) Card Swipe and Pacsword
	Slave Bradey
	Alam Setting
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	Extention Times Schedular
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	Push suttors / Normol
	Exit Button Status Case Sensor: Open
	Short Circuit Action Door Relay: unTriggered Alarm Relay: Normol
	Activate Case Sensor
	Disable swood Check Time Schedules
	Door Sensor Status
	Closed V OK
	Door Sensor Detection Time(Sec)
	0 🔅 0000
	Door Sensor Detect Mode Duress Code
	Buzzer • 1190
	Re swipe Card Check Time(Sec)
	0 w

Function Parameters are as below

Door I/O parameter :

[Unlock Door Relay setting]

- Unlock Door Relay mode :
 - Pulse Time (Sec.) : After Door Relay acts, it will recover in a preset time (seconds).

The default is 4 seconds, it means the unlocked door will relock after 4 seconds.

- Toggle : After Door Relay acts , it needs to trigger it again to recover.
- Unlock Door Relay Action time : The duration that door relay acts; the default is 4 seconds.

[Alarm Setting]

- Alarm mode :
 - Pulse time (Sec.): After Alarm Relay acts, it will recover in a preset time (seconds).
 - Toggle : After Alarm Relay acts , it needs to trigger it again to recover.
 - Latch : After Alarm Relay acts [,] it needs to enter disarm code to recover.
- •Alarm Action Time (Sec.) : Alarm Relay action time; Default is 1 second.

[Exit Button Status]Change the exit button contacts status, it includes Short-Circuit Action (Normally open, default), Open-Circuit Action (Normally Closed), and Closed. (Not support HAC-971 Series)

[Activate Case Sensor] Enable or Disable case sensor function. The default is to "disable" the case sensor. In case of selecting "Enable", the device will make alerting beep sounds

while being sabotaged. It has to enter disarm code to disarm the device.

[Door Sensor Status] Change the door sensor contact status, it includes Short-Circuit Action, Open-Circuit Action and closed (default).

[Door Sensor Detection Time (sec)] After the preset the time (sec) to start detecting whether the door is ajar. The preset time is how long after unlock-time ends to start detecting. The default value is 0 second. The function of door ajar will be activated only after enabling this function.

[Door sensor Detect (Alarm) mode] Select to make the alerting sound by readers' buzzer (Beep! Beep!) or by external alarm (relay). The default setting is by Reader Buzzer but needs to work with the settings of Door Sensor detection time (sec).

- e.g.: Preset the unlock door time is 4 seconds, Alarm action time is 5 seconds, Door Sensor detection time (sec) is 10 seconds and the ⁻ Door sensor detect (Alarm) mode is by Alarm (relay).
- Description : After unlocking the door, normally, it will automatically relock 4 seconds later; if the door is unable to relock and still held open, it will start counting time to 10 seconds and then trigger the alarm for 5 seconds by the alarm (relay) mode.

[Relay Model Setting]

- •Relay Mode : Set Relay mode; the default mode is 0.
 - Mode 0((Door/Door/Alarm or Siren) : The built-in relay in the device is for lock (door-control); the first relay of optional ACU-30 is for lock (door control) and the second relay is for Alarm or Siren.
 - Mode 1(Doorbell/ Door/Alarm or siren) : The built-in relay is for doorbell, the first relay of optional ACU-30 is for lock and the second relay is for Alarm or Siren.
 Note: To change the siren action to alarm action, please clear the siren timetable and then re-download it to change the relay into Alarm.
- •Bell Action time (sec) : How long the doorbell rings after visitor rings the bell. (default is 4 seconds)

[Assigned IN/OUT]: Assign primary reader/slave reader to display "IN" or "OUT" when they receive event. (Only for HAC-710 Series/HAC-A12 /HAC-971)

Door-Control Devices :

- First Card to Conditional Unlock; The door will still stay closed if un-swiping the first card when the conditional unlock time schedules are reached.
- Save Invalid Card Records : Tick it to store invalid transactions.
- Disable Holiday Conditional Unlock : Tick it to disable conditional unlock time schedules on holidays.
- Activate Alarm Under Duress(Code) : Tick it to activate alarm action under duress.
- Force To Close Door But Accept Duress Code : Tick it to force door closed but need to enter duress code.
- Anti-pass back Function : Tick it to enable Anti-Pass back function.
- Push Button with voice : When pressing the push button to open the door, controller will make a sound.
- Invalid card triggers alarm: An alarm is triggered when an invalid card is swiped. (Only support HAC-971)
- Activate 1:1 Authentication : Need to input card number or swipe card before scan biometric characteristics to open door. The default is 1:N model, only scan fingerprint to unlock door. (Only for HAC-710F Fingerprint Series)
- Conditional Unlock Time Schedules : Set None or 0~127 time schedules; Set certain time schedules as conditional unlock time schedules for free access.
- Keypad Lockdown Function Time Schedules : Set None or 0~127 time schedules; Set certain time schedules to disable keypad function during these preset time schedules.
- Primary Reader Password Check Time Schedules : Set None or 0~127 time schedules that press password is a must during these preset time schedules.
- Slave Reader Uncheck Time Schedules : Set None or 0~127 time schedules that, during these preset time schedules, all card numbers downloaded to the controller are deemed valid so no need to check password on reader.
- Slave Reader Password Check Time Schedules : Set None or 0~127time schedules that need to check password (for Entry or Exit) on salve reader during these time schedules.
- Master card : Enter setting mode by the master card number(default 30191000); Please refer to hardware user manual to operate under the setting mode.
- Disarm code : Disarm the system which are triggered under duress or external sabotage; Default disarm code is 0000.
- Duress Code : Press duress code to unlock door and activate alarm at the same time; default duress code is 1190.
- Re-swipe Card Check Time (sec) : Within the preset time, re-swipe the same card will

be deemed ineffective, won't be recorded and will make an error soun. The default setting is 0, the max. amount of time is 255 seconds.

[Card Swipe Modes]

- Card Swipe Only : Only by card swipe to unlock
- Card / Code : By card swipe or keypad press to unlock
- Card Swipe and Password : Activate the access mode by card swipe and password. If the password is not entering in cardholder information, the door will open upon swipe valid cards.

[Slave Reader]

- Slave Reader (T2) : The reader supports T2 format and the system sends back 10-digits card number 10-digits.
- Slave reader (Wiegand26, 8 digits) : The reader supports Wiegand 26 format and the system sends back 8-digits card number.
- Slave Reader (Wiegand26, 10 digits) : The reader supports Wiegand 26 format, the system get 8-digits card number and then automatically pad 2 leading zeros to send back 10-digits card number.
- Slave Reader (Wiegand34, 10 digits) : The reader supports Wiegand34 format and the system sends back 10-digits card number.

5-3-10 Time Attendance Parameters (HAC-100/101/HAC-710/HAC-A12/HAC-971)

To Change device's time attendance function Operating Steps :

- 1. Select the device to change parameters
- 2. Press "Read" to get the existing setting values
- 3. Change the parameter settings : The below parameters can be changed

[Duty timetable] (Only for HAC-100/101)

- 1. Select the numeric button (1-4), each button (buttons 1-4) has 8 duty shifts for setting. Totally supports 32 duty shifts.
- 2. Tick the desired duty shifts to activate.
- 3. Enter start time, e.g.:0800.
- 4. Enter the names of the duty shift.

[Siren timetable]

- 1. Select the numeric button (1-4) [,] each button (buttons 1-4) has 8 duty shifts for setting, totally supports 32 sirens.
- 2. Tick the desired Siren time to activate.
- 3. Enter start time, e.g.:0800.
- 4. Enter the duration (sec) the siren going off.
- 5. Select (tick) the days of week to activate the siren.

[Time Attendance Parameters]

- •Card Records : Selectable whether to overwrite the card swipe records or not when the memory is full.
- •Restore Duty Switch : While manually switching the duty shift, whether the device automatically return to the current duty shift. (Only for HAC-100/101 Series)
 - Enable : Automatically return to the current duty shift.
 - Disable : It will stay at the manually switched duty shift (Not automatically return).
- Daylight Saving Time : (Not support for HAC-100/101 Series)
 - Daylight Saving : Open or close this function.
 - Adjust Mode : Time advance or delay.
 - Date/Time Start : Start date and time
 - Date/Time End : End date and time
 - Adjust Minute : How many minutes should advance or delay.
- 4. Press "Set" to effect the changes.

810PMF_01 820PMF_01	100_01	
852PMFV_01		📓 Access control parameters 🎬 Time Attendance Parameters
100_01 \$60PMF_01 \$20PMFV_01 \$40_01	i ⅔ Read ⊚ Set Duty Timetable Time Duty Shift	Sizen Timetakle Time Sec M T W T F S S Card Records
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	E 8	
	1234	1 2 3 4

5-4 Access Control Time Schedule Setting (HAMS-19)

5-4-1 Set Time Zone and Time Schedule

Set time zone and time schedule. Definable 128 sets of time zone and schedule (RAC-940PE/PM/PMD only support 16 sets from 0~15). User can design different group for flexible access control. Click [Modify] to start the setting.

Set Time Zone:

- 1. Click [Modify] of time zone setting.
- 2. Input time (format : HHMM). Ex. : Time start from 0000 and 2359 for time end.
- If the period is not continuous, please click "advanced" to perform the proper settings;
 One day can be divided into 8 sections at most.

Models that support 8 sets of schedules: RAC-960Px, RAC-970Px, RAC-971Px, RAC-852Px.

Models that do not support 8 sets of schedules: RAC-940Px, RAC-810Px, RAC-850Px, RAC-852PxFV.

4. Click [Save] to save the setting. To delete the record, please click [Cancel].

No Start Time End Time No 0 00:00 23:59 No 1 00:00 00:00 Time Zone Setting 2 08:00 17:00 Exit Save 3 1 10:00 17:00 10:00 17:00 6 2: - - - - 7 3: - - - 8 4 - - -	ncel Save Cancel Description Mo	1 0 0	Wed 1 0	Thu 1 0	Fri 1	Sat	Sun	Universal Holiday Setting
No Start Time End Time No 0 00:00 23:59 No 1 00:00 00:00 Time Zone Setting 2 08:00 17:00 Exit Save 3 1 10:00 17:00 10:00 17:00 6 2: - - - - 7 3: - - - - 8 4 - - - -	Description Mo	1 0 0	1 0	1		Sat	Sun	Universal Holiday
0 0000 23:59 No 1 00:00 00:00 Time Zone Setting 2 08:00 17:00 Time Zone:2 4 1 18:00 17:00 6 2: - - 7 3: - - 8 4 - -		1 0 0	1 0	1		Sat	Sun	Universal Holiday
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3 3 4 5 5 1: 6 2: 7 3: 8 4:		0		0				0
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7 3: - 8 4: -		0	0	0	0	0	0	0
8 4		0	0	0	0	0	0	0
8 4		0	0	0	0	0	0	0
		0	0	0	0	0	0	0
9		0	0	0	0	0	0	0
10 5: -		0	0	0	0	0	0	0
11 6: -		0	0	0	0	0	0	0
12 7: -		0	0	0	0	0	0	0
13 8:		0	0	0	0	0	0	0
14		0	0	0	0	0	0	0
15		0	0	0	0	0	0	0
16		0	0	0	0	0	0	0
17		0	0	0	0	0	0	0
18 17	0	0	0	0	0	0	0	0
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22 21	0	0	0	0	0	0	0	0
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24 23					1	1	1	1.

Set Time Schedule:

- 1. Click [Modify] of time schedule setting.
- 2. Input time schedule name first. To set the time zone for each day, enter the time zone number (row number) with the desired time setting.
- 【Universal-Type Reader Holiday Setting】: Holiday settings for universal-type device.
 Please enter the parameters here for the rules of holiday time schedule

 (For HAC-100/101 only)
- 4. Click [Save] to save the settings. To delete the record, please click [Cancel].

Time	e Zone Se	tting			- Time	Schedul	e Setting								
Mo	odify C	ancel Save Ca	ncel 📄 Advance		Mo	dify Ca	ncel Save Can	œl							
•	No 0	Start Time	End Time 23:59	<u>^</u>		No	Description	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Universal Holiday Setting
	1	00:00	00:00		•	0	1	1	1	1	1	1	0	0	2
	2	08:00	17:00	E	r	1	2	0	0	0	0	0	0	0	0
	3					2	3	0	0	0	0	0	0	0	0
	4					3	4	0	0	0	0	0	0	ů 0	0
	5					4	5	0	0	0	0	0	0	0	0
	6					5	6	0	0	0	0	0	0	0	0
	7					6	7	0	0	0	0	0	0	0	0
	8					7	8	0	0	0	0	0	0	0	0
	9					8	9	0	0	0	0	0	0	0	0
	10					9	10	0	0	0	0	0	0	0	0
	11					10	11	0	0	0	0	0	0	0	0
	12					11	12	0	0	0	0	0	0	0	0
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	14					13	14	0	0	0	0	0	0	0	0
	15					14	15	0	0	0	0	0	0	0	0
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	20				•										
	21														
	22			-											

• X

5-4-2 Holiday Setting

The holiday means National holiday or specific holiday.

Holiday means National holiday or specific date.

- 1.Click [New].
- 2.Input holiday date. Format is YYYYMMDD. Then set time zone by specifying the time zone number (row number) with the desired time setting.
- 3.Click [Save] to save the settings.

Direct	Zone Se	tting.			Holida	y Setting		
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WIO					: INEW	MOOLIY Save	Delete Cance	
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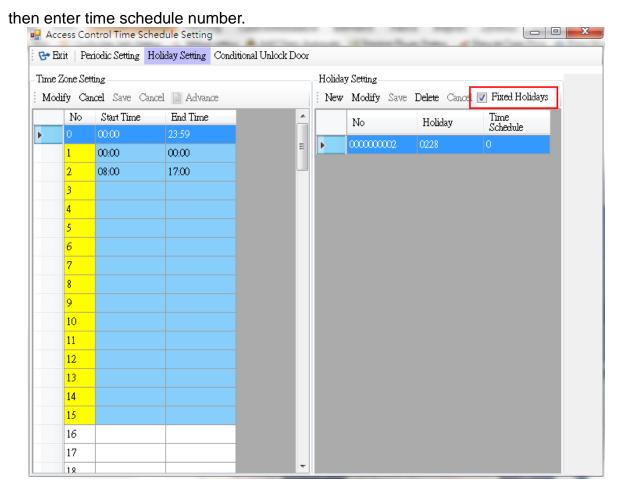
Note :

In the time schedule settings, if the holiday settings of universal-type device is entered, it will form the basis of the universal-type device to replace the original holiday settings; The original holiday settings will become void to the universal-type device.

e.g : In the time schedule settings, if you set No. to be "0", time schedile's name to be
"1", set the holiday time schedule of universal-type device to be "2"; and if the holiday is
20180101 and time schedule is "0", then the universal-type device will deem 20180101
to be a holiday and deem the time schedule to be 2, instead of the original "0"

Exit Pe	eriodic Setting H	oliday Setting Condition	nal Unlock Door												
Zone Se	tting			- Time	e Schedule	e Setting									
dify Ca	ncel Save Can	cel 📄 Advance		M	dify Ca	ncel Save Can	el								
No 0	Start Time	End Time 23:59	<u>^</u>		No	Description	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Universal Holiday Setting	
1	00:00	00:00	E		0	1	1	1	1	1	1	0	0	2	
2	08:00	17:00	=		1	2	0	0	0	0	0	0	0	0	ľ
3					2	3	0	0	0	0	0	0	0	0	
4					3	4	0	0	0	0	0	0	0	0	
5					4	5	0	0	0	0	0	0	0	0	
6					5	6	0	0	0	0	0	0	0	0	
7					6	7	0	0	0	0	0	0	0	0	
8					7	8	0	0	0	0	0	0	0	0	
9					8	9	0	0	0	0	0	0	0	0	
10					9	10	0	0	0	0	0	0	0	0	
11					10	11	0	0	0	0	0	0	0	0	
12					11	12	0	0	0	0	0	0	0	0	
13					12	13	0	0	0	0	0	0	0	0	
14					13	14	0	0	0	0	0	0	0	0	
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16					15	16	0	0	0	0	0	0	0	0	
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20														·	
21															

4.If the holidays are fixed every year, please click the button "Fixed holidays" to add. Enter the holiday date. The date format is Month first then Date. Example : 0101 (Month Date),



HUNDURE

5-5 Auth Setting (HAMS-19)

5-5-1 Group Authorization Setting

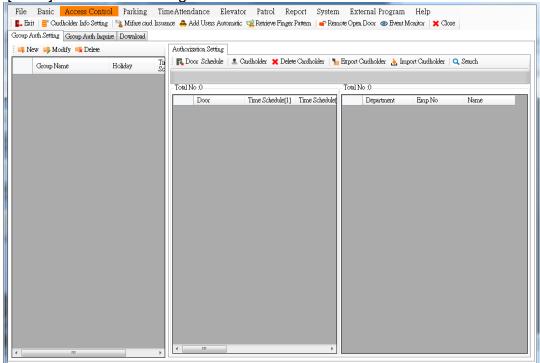
Create group and assign user authorization.

Note : Biometric Characteristics device may only assign a time schedule.

Operation Steps:

- 1. Click [New].
- 2. Input group name.

3. Click [Save] to save the setting.



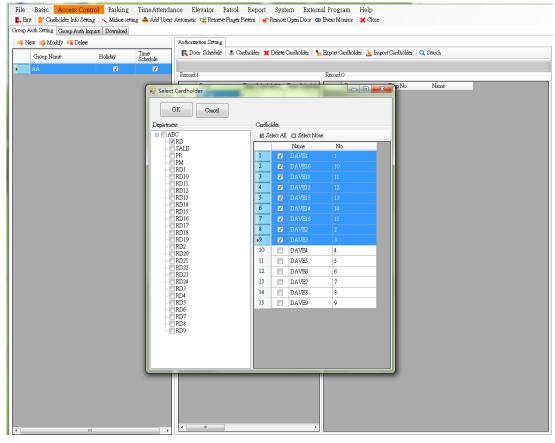
	lew % Modify 🔜 Dele Group Name	te Holiday	Time Schedule	-	Authorization Setting 🛼 Door Schedule 🤽 Cautholder 💥 Delete Cautholder 🏪 Export Cautholder 👌 Import Cautholder 🔍 Search							
Þ	AA		V									
				Record:0			Record:0					
				Serail No	Time Schedule	Door	Department	Emp No	Name			

- Login ADMIN Current opeartion: Auth Setting Current Time 2017/4/19 下午 02:50:48
- 4. Go to [Door Schedule].Select a Time schedule from left side first. Then select the doors which you want to authorize.

Hint : Speedy Selection : Press CTRL key and select doors by mouse or press SHIFT key and select doors successively by mouse.

5. Click [OK].

		nce Elevator Patrol Report System External Program Help Automatic 😪 Renieve Finger Patrien 🖝 Remove Open Door 👁 Elivent Monitor 🗮 Close
Group Auth Setting Group Auth		
🛛 📫 New 📫 Modify 🔩 Dele		Authorization Setting
Group Name	Holiday Time Schedule	🗄 🌄 Door Schedule 🚨 Cardholder 🗙 Delete Cardholder 🍗 Export Cardholder 🌛 Import Cardholder 🔍 Search
AA		
	(7.1. 7. 7. 1. 1.	Record:0 Emp No Name
	Select Door Group Schedule	
	OK Cancel	
	Time Schedule	📾 Set 💷 Reverse Select
	▶ <u>1</u> 2	Door Time Schedule[1] Time Schedule[2] Time Schedule[2]
	3	
	4	
	5	
	6	
	8	
	9	
	10	
	12	
	13	
	14 15	
	16	
		< m >
•	4	۲ <u> </u>



6. Go to [Cardholder]. Tick the department then you will read cardholder list which belong the department. And then you can start to tick the cardholders.

- 7. Click [Save] to save the setting. If want to delete the selection, please remove the tick.
- 8. Able to use "Search" function according to the types of search criteria, like Emp. No,
 - Name or Department.

	ance Elevator Patrol Report System External Program Help il Uses Automatic 😪 Retrieve Finger Pattern 🖝 Remote Open Door 👁 Event Monitor 🔰 Close
Group Auth Setting Group Auth Inquire Download	a usas Autonisau 🤹 Kenneveringar Patan 🚪 Kantoe Opia Loor 🐨 Event Nomor 📔 🥿 Cace
📫 New 📫 Modify 👒 Delete	Authorization Setting
Group Name Holiday Time Schedule	🙀 Door Schedule 1 Cardholder 🗙 Delete Cardholder 🏪 Export Cardholder 🌛 Import Cardholder
AA 🔽 🗹	Record:
	Petone: Petone
	Door 1 p1 tot 00002 to:002
	2 tot 00003 to003
	and Select
	Emp. No.
	Name
	IVALIE
	Department
	OK
۲	e
Login ADMIN Current opeartion: Auth Setting Curr	rent Time 2016/4/7 上午 10:32:01

After setting completed, system also allows users to click [Export Cardholder] to produce a txt file base on the setting. The file only includes cardholder name and authority by department. This file may import to system and use for other group authorization.

5-5-2 Group Authorization Inquire

Enquire user's authorization. Specify the range according to Group, door and User name. Report provides print function and can be converted to TXT or XLS format for other application.

Operation Steps:

- 1. Check dynamic drop-down menu, you will read group, door, time schedule and name.
- 2. Click [Search].

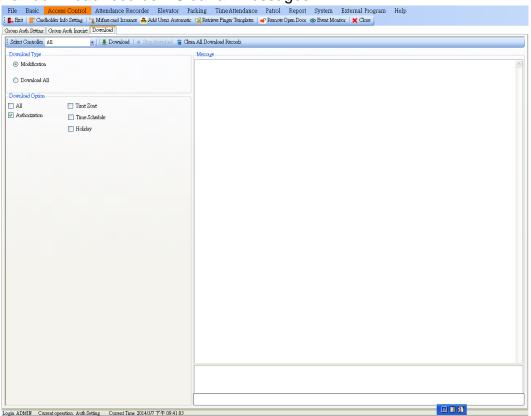
Gro	up:	- Door		 Name: 	- En	np No:	Department		- 🔍 Search	
۲	📄 🔟 Title	Group Auth Inquire								
	Group	Door	Unrestricted Holiday	Unrestricted Time	Name	Emp No	Department	Time Schedule[1]	Time Schedule[2]	Time Schedule[3
	123	RAC960PMF	0	0	DAVE1	1	RD	1		
	123	RAC960PMF	0	0	DAVE10	10	RD	1		
	123	RAC960PMF	0	0	DAVE11	11	RD	1		
	123	RAC960PMF	0	0	DAVE12	12	RD	1		
	123	RAC960PMF	0	0	DAVE13	13	RD	1		
	123	RAC960PMF	0	0	DAVE14	14	RD	1		
	123	RAC960PMF	0	0	DAVE15	15	RD	1		
	123	RAC960PMF	0	0	DAVE2	2	RD	1		
	123	RAC960PMF	0	0	DAVE3	3	RD	1		
	123	RAC960PMF	0	0	DAVE4	4	RD	1		
	123	RAC960PMF	0	0	DAVE5	5	RD	1		
	123	RAC960PMF	0	0	DAVE6	6	RD	1		
	123	RAC960PMF	0	0	DAVE7	7	RD	1		
	123	RAC960PMF	0	0	DAVE8	8	RD	1		
	123	RAC960PMF	0	0	DAVE9	9	RD	1		

5-5-3 Download

Download users' authorizations to controller.

Operation Steps:

- 1. Select Controller : Select "All" or select single controller to downloading.
- 2. Download Type:
 - Download All : Download all users' information and authorizations.
 - Modification : Download modified users' information and authorizations.
- Download Option : User can select download all options or select some settings to download,
- 4. Click [Download] to start the download.
- 5. Clear all download records : Clear all messages.



5-6 Access Control Event monitor

It is mainly to monitor swipe card events or device actions in real time Operation Steps:

- Tick devices which you want to retrieve events. You may click [Select All] or [Select None] or [Restore] for quickly selection. (System will memorize preceding setting, when click [Restore], system will return to previous selection.)
- 2. Click [Retrieve] to retrieve the events. Click [Stop] then may exit retrieval function.

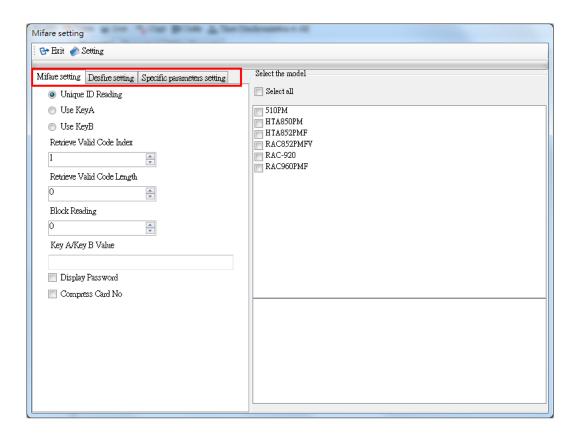
File Basic Access Control Parking TimeAttendance Elevator Patrol Report Sy	
📑 Exit 📑 Cardholder Info Setting 🤸 Mifare setting 👶 Add Users Automatic 😭 Retrieve Finger Pattern 🖝 Remo	
Tetrieve • Stop Select All Select None Advance Setting 960PMF-Test area	V Synchronize The Time While Activate Retrieving
Events Schedule Log Patrol Status Event Menu	
Retrieve Group Alam Event	
Device Name Status Card No D	Date Event Explanation
940PM-Test area Polling De	
852PMFV-Test area	
☑ 860PM-Test area Polling De	
☑ 860PMF-Test area Polling De	
850PM-Test area Polling De	
960PM-Test area Polling De	
852PMF-Test area Polling De	
Image: Swipe Card Event Swipe Card Event	
Image: S20PM-Test area Polling De Location Name Card No	Date Shift No In/Out Event Explanation
2400-Test	
2000WSN-Test	
100WS-Test area	
920PM-Test area	
2400N-Test (•
General Event	
4600N-Test Location Name Card No	Date Event Explanation
502PEF-NB	
500PMF-N	
970PMDF	
4600N	
852	
Login ADMIN Current opeartion: Event Monitor Current Time 2016/12/20 下午 02:51:19	

- Synchronize The Time While Activate Retrieving : Do the time synchronization one time while it start retrieving, but not do it anymore after that (the default has ticked the checkbox. This function are just for those devices which are selected on the "Time Sync" function to go for a time calibration.)
- Events : Display current retrieval.
- Schedule Log : Allow the users view schedule execute status. This function works with "Chapter 11-2 Schedule Setup".
- Advance Setting : Clean all events from screen.
- Patrol Status : Display patrol status.
- Event Menu : Operator may select what events would like to retrieval. Default is select all.

5-7 Mifare Setting

- 1. Mifare setting is to support Mifare models
- 2. Desfire setting is to support Desfire models

		ance Elevator Patrol Report System External Program Help	
		s Automatic 🤹 Retnieve Finger Pattern 🛛 🛶 Remote Open Door 💿 Event Monitor 🛛 💥 Close	
🕴 Device 📫 New 📫 Modify	🔩 Delete 🔛 Save 🛛 🖶 Copy 📲 Ord	ster 🍶 Time Synchronization to All	
RAC-920 510PM	Parameter1 Parameter2 Mifare Pa	aramétér	
JIOI IN	RAC-920(172.16.1.50:46600	@1)	
	Password Function		
	Close -		
	2016/09/23 10:23:52		
	Connect Testing	Read Time	
	Set Time	Time Sync	
	Recorder's Memory	Reset Anti Status	
	Assigned IN/OUT		
	Device		
	N -		
	Slave Reader		
	- TUO		
Login ADMIN Current	opeartion: Access Control Hardy	ware Setting Current Time 2016/9/23 上午 10:24:01	



5-7-1 Mifare Setting

- 1. Allow the user to set the reading unique ID or block of Mifare cards.
- 2. This page only for Mifare models.

Operation Steps :

- Unique ID Reading : Allow user read serial number only. When select this parameter, please ignore follow parameters setting.
- Use Key A : Login by Key A value.
- Use Key B : Login by Key B value.
- Retrieve valid code index : The index digit of retrieve valid card number.
- Retrieve valid code length : how many digits you want to retrieve of valid card number.
 This parameter works hand in hand with "Retrieve valid code index".
- Block Reading : Assigned read allotted block.
- Key A/Key B Value : The value of allotted block
- Display Password : When tick the box, Key A/Key B 's password will display on plain code.
- Compress Card No : Default is uncompressing card number. If need compress card

number, please tick the check box.

Mifare setting	
📴 📴 Exit 🧼 Setting	
Mifare setting Desfire setting Specific parameters setting	Select the model
Oliver ID Reading	Select all
💿 Use KeyA	340PM_COM2-2
💿 Use KeyB	510PM_COM2-3 520PM_COM2-1
Retrieve Valid Code Index	820PM_COM2-4
1	920PM_COM2-6 960PM_229.55
Retrieve Valid Code Length	HTA_850PM_229.53
0	HTA_852PMF_229.54 HTA_856PM_COM4_3
Block Reading	HTA_860PM_229.57
0	HTA_860PMF_229.58 HTA-870PM_COM4_4
Key A/Key B Value	HTA-870PMF_COM4_5
	RAC-940PM_229.62
🔲 Display Password	RAC-970PM_34.97
📃 Compress Card No	RAC-970PMF_34.98

5-7-2 Desfire Setting

Specify a device to read UID (Serial number) or to read file for Desfire models

Operation Steps:

- 1. Data Offset : Set offset value from the beginning of the data.
- Length to read : The length (number of digits) to retrieve ; It needs to work with Start Digit.
- 3. All the values in these fields (Application Identifier, File number
 < Key number
 < Key value) need to be as the same as the settings while doing card issuance.
- 4. Display Password : Show a password in an input box when the checkbox is checked

	Select the model
ifare setting Desfire setting Specific parameters setting	
The type to read	Select all
💿 Read UID 🛛 💿 Read file	RAC-940PMD_COM2_9
Data Offset	RAC-960PMD_33.36
0	RAC-970PMD_34.99
Length to read	
Application Identifier	
000000	
File number	
0	
Key number	
0	
-	
Key value	
🔲 Display Password	

ifare setting Desfire setting Specific parameters se	ting Select the model	
The type to read	🔲 Select all	
💿 Read UID 💿 Read file	RAC-940PMD_COM2_9	
Dub Offici	RAC-960PMD_33.36	
Data Offset	RAC-970PMD_34.99	
0		
Length to read		
10		
Application Identifier		
000000		
File number		
0		
Key number		
0		
Key value		
	RAC-960PMD_33.36[Progress Completed]	
🔲 Display Password		

5-7-3 Specific parameters setting

- 1. Parameter name : Define the parameter name.
- 2. Command : With "Read", "Write" and "R/W" for choice.
- 3. Index : Enter Command Code.

4. Parameter data.

Mifare setting	
🗄 🔂 Exit 🧼 Setting	
Mifare setting Desfire setting Specific parameters setting	Select the model
Parameter name Command Index Parameter data	Select all 2400N_229.51 340PM_COM2-2 510PM_COM2-3 520PM_COM2-1 820PM_COM2-4
	820PMF_30.206 ■ 820PMFV_30.205 ■ 920BM_COM2-5 ■ 930PM_COM2-6 ■ 930PM_COM2-7 ■ 960PM_229.55 ■ HDP_228.102 ■ HTA_830_COM4-6 ■ HTA_850PM_229.53 ■
	☐ HTA_852PMF_229.54 ☐ HTA_856PM_COM4_3 ☐ HTA_860PM_229.57

Mifare setting	
🔂 Exit 🧼 Setting	
Mifare setting Desfire setting Specific parameters setting Parameter name 960-COM04 Command Index R/W 04 Parameter data A1015401150909150000000000000000000000000	Select the model 2400N_229.51 340PM_COM2-2 510PM_COM2-3 520PM_COM2-4 820PMF_30.206 820PMF_30.205 920BM_COM2-5 920PM_COM2-6 930PM_COM2-7 960PM_229.55 HDP_228.102 HTA_850PM_229.53 HTA_850PM_229.53 HTA_850PM_229.57 960PM_229.57 960PM_229.55 POPPM_229.57

5-7-4 Special Parameter Settings (HAC-101)- Elevator mode change to access control mode

To change the elevator mode of HAC-101 to be an access control mode: Operating Steps :

- 1. Parameter Name : Self-definable
- 2. Commands : Please Select UNI
- 3. Index : Enter 2010 •
- e.g. : Enter 00 to the field of parameter data to turn HAC-101PM to be an access control

mode (controller)	
Mifare setting	
🛛 🔂 Exit 🥔 Setting	
Mifare setting Desfire setting Specific parameters setting	Select the model
Parameter name	Select all
	HAC-100PM
Command Index	HAC-101
UNI - 2010	HAC-101PM
	HDE-100
Parameter data 00	
ω	
,UNI,2010,00	
	HAC-101PM[Progress Completed]

5-7-5 mKey Settings

Support model: RAC-2000WS/RAC-2000WSN \RAC-4600/RAC-4600N \RAC-960PE/RAC-960PM \ RAC-960PEF/RAC-960PMF \ RAC-970PE/RAC-970PM \ RAC-970PEF/RAC -970PMF \ RAC-971PE/RAC-971PM \ RAC-971QE/RAC-971QM \ RAC-971PEF/ RAC-971PMF \ HTA-860PE/HTA-860PM \ HTA-860PEF/HTA-860PMF \ HTA-870PE/ HTA-870PM \ HTA-870PEF/HTA-870PMF \ HTA-871PE/HTA-871PM \ HTA-871PEF/ HTA-871PMF \ NCU \ GCU \ RAC-2400/RAC-2400N \ HDE-120 \ HDP-100

Download the key from the device host device and upload to QR code or BLE reader. Note: If you do not upload the key to the card reader, you cannot open the door with your phone.

Operation steps:

- 1. Select the device model.
- 2. Click Settings to upload the key to the reader.

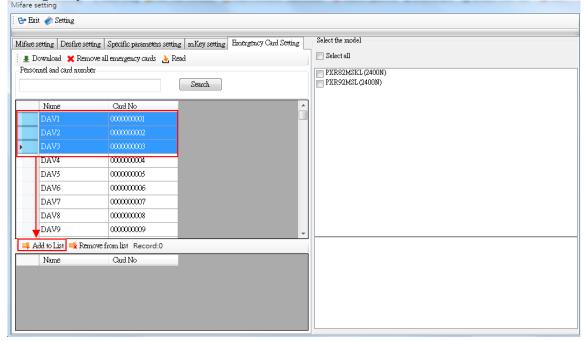
	Mifare setting
📴 Exit 🥔 Setting	
Image: Setting Desfire setting Specific parameters setting rnKey setting rnCardKey: Image: Specific parameters setting rnKey setting VerifyKey: Image: Specific parameters setting Image: Specific parameters setting	Select the model □ □ 107(2400) □ 510M □ 852 □ HAC-510PM ♥ RAC-2000 WSN-1(RAC-2000 WSN) ♥ RAC-2000 WSN-2(RAC-2000 WSN) ♥ RAC-4600-1(4600) ♥ RAC-4600-7(4600)

5-7-6 Emergency Card Setting (Only use for downstream L type reader)

Able to set 32 emergency cards for L type reader.

Operation Steps:

- 1. The screen displays all personnel information, and you can query personnel information by name or card number.
- 2. Please select personnel name/card number and then click "Add to List" to add the emergency card number to the lists.



- 3. Select device model.
- 4. Click "Download" to download emergency card information to device.

Exit 🧼 Setting		
are setting Desfire :	etting Specific parameters setting mKey setting Em	nergency Card Setting Select the model
🛃 Downloa┥ 💥 Re	move all emergency cards 🔥 Read	Select all
ersonnel and card nun	aber	V PXR82MSKL(2400N)
	Search	PXR92MSL (2400N)
Name	Card No	
DAV1	0000000001	
DAV2	000000002	
DAV3	000000003	
DAV4	000000004	
DAV5	000000005	
DAV6	000000006	
DAV7	00000007	
DAV8	000000003	
DAV9	00000009	
📮 Add to List 🛛 🔩 R	emove from list Record	
Name	Card No	
DAV3	000000003	
DAV2	000000002	
DAV1	0000000001	

àxit 🧼 Setting				
e setting Desfire :	setting Specific parameters settin	g mKey setting	Emergency Card Setting	Select the model
	emove all emergency cards 🗼 R			Select all
onnel and card nur				PXR82MSKL(2400N)
		Search		PXR92MSL(2400N)
Name	Card No			
DAV1	000000001			
DAV2	000000002			
DAV3	000000003			
DAV4	000000004			
DAV5	000000005			
DAV6	000000006			
DAV7	000000007			
DAV8	000000008			
DAV9	000000009		-	
Add to List 📑 R	Remove from list Record:3			PXR82MSKL (2400N)>Adding Successfully [000000003] PXR82MSKL (2400N)->Adding Successfully [000000002] PXR82MSKL (2400N)->Adding Successfully [000000001]
Name	Card No			PXR82MSKL (2400N)>Adding Successfully![0000000001]
DAV3	000000003			
DAV2	000000002			
DAV1	0000000001			

5. Click "Read" to read the emergency card number in L type reader.

r Exit 🧼 Setting			
		ting mKey setting Emergency Card Setting	Select the model
👤 Download 🗙 Re Personnel and card num	move all emergency cards 👌 iber	Seach	Select all VESCMSKL (2400N) PXR92MSL (2400N)
Name	Card No	·	
DAV1	0000000001		
DAV2	000000002	\mathbf{X}	
DAV3	000000003		
DAV4	000000004		Progress Completed
DAV5	000000005		
DAV6	000000006	\mathbf{X}	
DAV7	000000007	\sim	OK
DAV8	000000008		
DAV9	000000009	-	
📫 Add to List 🛛 🙀 Re	move from list Record:3		PXR82MSKL (2400N)>Read (0)0000003 PXR82MSKL (2400N)->Read (1)000000002 PXR82MSKL (2400N)->Read (2)000000001 PXR82MSKL (2400N)->Read (2)000000001
Name	Card No		PXR82MSKL(2400N)>Read[2]000000001
DAV3	000000003		
DAV2	000000002		
DAV1	0000000001		

6. Click "Remove all emergency cards", system will delete all emergency cards in the device.

Wiface setting Desfine setting Specific parameters setting Im Key setting Emergency Card Setting Image: Setting Desfine setting Im Key setting Emergency Card Setting Select the model Image: Setting Desfine setting Im Key setting Emergency Card Setting Select all Personnel and card number Search PXE82XISXL (2400N) Image: Setting Search PXE82XISXL (2400N) Image: Destine Setting Destine Setting PXE82XISXL (2400N) Image: Destine Setting Destine Setting PXE82XISXL (2400N)	
Name Card No DAVI 000000001 DAV1 000000002	
Download X Remove all emergency cards X Read Personnel and card number Name Card No DAV1 000000001 DAV2 000000002	
Personnel and card number Search Name Card No DAV1 000000001 DAV2 000000002	
Name Card No DAV1 000000001 DAV2 000000002	
DAV1 000000001 DAV2 000000002	
DAV2 000000002	
DAV3 000000003	
DAV4 000000004	
DAV5 000000005	
DAV6 000000006	
DAV7 000000007	
DAV8 000000008	
DAV9 00000009	
Add to List 🔩 Remove from list Record:3	
Name Card No	
DAV3 000000003	
DAV2 000000002	
DAV1 000000001	

5-7-7 Display Message

Display message can be modified.

Support device model: RAC-960 Series/RAC-960 Fingerprint Series/RAC-970 Series/RAC-970 Fingerprint Series/RAC-971 Series /RAC-971 Fingerprint Series /HTA-860 Series /HTA-860 Fingerprint Series/HTA-870 Series /HTA-870 Fingerprint Series/HTA-871 Series/HTA-871 Fingerprint Series

Operation Steps:

1. Tick the checkbox of device model, select the Language, and click "Read". Read the current display message.

pecific parameters	setting mKey setting Emergence	y Card Setting Display message	Display message(UNI)	Select the model	
Language Access Granted! Access Denied! Card Duplex! Time Zone Error! Card Not Found!	English •	Load Default Read	Set	Select all 970f 40.87 971f 40.187 950f 40.222 970 40.18 971 40.8	

2. Modify the content, click "Set", and download the changed display message to the de-

vice.

ecific parameters s	etting mKey setting Emerger	ncy Card Setting Display 1	nessage Display message((INI)		
Language	English 👻	Load Default	Read Set		Select all	
Access Granted!	Good!				871f 40.187	
Access Denied!	Bad!				960f 40.222 970 40.18	
Card Duples !	Card Dunley				Ø 971 40.8	
me Zone Error!	Time Zone Error!					
ard Not Found!	Card Not Found!					

3. If you want to restore the default values, click "Load Default" to restore the original factory settings.

5-7-8 Display Message (UNI)

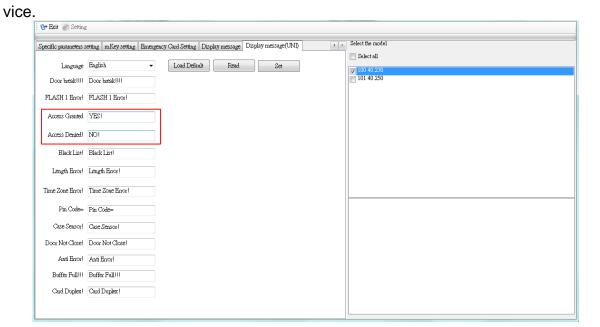
Display message can be modified. Support device model: HAC-100/101.

Operation Steps:

1. Tick the checkbox of device model, select the Language, and click "Read". Read the

Specific parameters setting mKey setting Emergency Card Setting Display message Display message(UNI) Select the model Langnage English Load Default Read Set Solect all Door heak!!!!	📴 Exat 💮 Setting				
Door Not Close!	Language Door break!!!! FLASH 1 Enor! Access Granted Access Denied! Black List! Length Enor! Time Zone Enor! Pin Code= Case Sensor! Door Not Close!	etting mKey setting Eme	 	Select all	

2. Modify the content, click "Set", and download the changed display message to the de-



 If you want to restore the default values, click "Load Default" to restore the original factory settings.

5-8 Add Users Automatic

Operator may retrieve card number from the device and add card number into cardholder information automatically.

Operation Steps:

- 1. Select Device. (Only RAC-940, RAC-960 and RAC-970 series)
- 2. Click [Execute] to retrieve valid card information. System will create new users' name and employee number as card number in the cardholder information workspace automatically.

🛃 🖬	l Users Automatic	
B Exit	Execute	
	Door	
•	960PMF	
	940PM	
	Progress Completed OK	

5-9 Retrieve Biometric Characteristics

Retrieve biometric characteristics from biometric characteristics machine. (This function is only for biometric characteristics machine)

[Access device]

Operation Steps:

- 1. Select Device
- 2. Select Single Card or All Cards.

Single Card : Please input card number which you want to retrieved and then click [Execute]

All Cards : It is highly recommend selecting all cards at first time. After that, operator can retrieve biometric characteristics singly to avoid long time retrieval. (System will

take 4~5 minutes for 200 biometric characteristic	cs).
---	------

Retrieve Biometric Characteristics	
🔁 🔂 Exit 🚺 Execute	
Access device Biometric Reader	
Door	
RAC-850PMFA	Single Card
RAC-960PMF	
RAC-852	 All Cards
HTA-860PMF	
HTA-502	

[Biometric Reader] (Only for PXR-96 finger reader series)

Operation Steps:

- 1. Select Device
- 2. Select Single Card or All Cards.

Single Card : Please input card number which you want to retrieved and then click

[Execute]

All Cards : It is highly recommend selecting all cards at first time. After that, operator can retrieve biometric characteristics singly to avoid long time retrieval. (System will take 4~5 minutes for 200 biometric characteristics).

5-10 Remote Open Door

This function is mainly collect access points which support remote open function in a same page and allow operator to remote open door and close door. (Expect recorders and RAC-510, HAC-510, RAC-520, RAC-340, RAC-920, RAC-930 and RAC-820 series)

- 1. Click [New] to create a group.
- 2. Select the access point which operator wants to remote open and close.
- 3. Click [Open Door] or [Close Door], once system execution is completed, it will display the current status.

File Basic Access Control Attendance Recorder					
👖 Exit 🛛 🧧 Cardholder Info Setting 🖉 🔧 Mifare card Issuance 🐣 Add	Users Automatic 1	🤹 Retrieve Finger Pa	ttem 🛛 💣 Remote Open Door 🕤	👁 Event Monitor 🛛 🗶 Close	
Remote Control Setting					
📴 New 🔩 Delete 🥵 Modify	Remote Control				
Name	Select All Sel	lectNone Select Rev	/erse 🖪 Open Door 🌯 Close D	oor	
▶ test					
	Select	Door	Status		
) -	960PMF			
		PXR94ESKL			
		852PEFV			
		940PM			
		2000-1			
		2000-2			
Login ADMIN Current opeartion: Remote Open Door Current Time 201	4/3/10 下午 03:18:.	38			

🔩 Delete 🥩 Modify	Remote Control Setting
Vame	Select All Select None Select Reverse 🖪 Open Door 🌯 Close Door
test	
	Select Door Status
	960PMF Progress Completed
	PXR4ESKL
	S52PEFV

5-11 Biometric Reader Setting

Adds fingerprint reader under fingerprint standalone controller or under access control panel.

Note : *The fingerprint reader needs to work with software HFES and the fingerprint enrollment FM-800. For more details, please refer to the user manual HFES.

Operation Steps:

- 1. The devices are listed on the left panel, please select the device.
 - Access Device(Standalone)
 - Access Device(Control Panel)

Elevator Devi	ce
File Basic Access Control Parking Parking Parking Parking Parking Parking	Time and Attendance Elevator Patrol Report System External Program Help Issuance & Add Uses Automatic 😭 Renieve Finger Characteristics 🖝 Remote Open Door 👁 Event Monitor 🗶 Close Fingerphint device 🛋 New 🧉 Modify 🛸 Delee 📣 Parameter 🛎 Data Transmission
Accelerate A	Controller Name Reader IP Reader Port Reader Model No. Reader Name Reader ID
	Caudholder Caudholder Q. Fingerprint data query Department Name Caud No Emprelovee
Login ADMIN Current opeartion: Biomet	ric Reader Setting Current Time 2016%2 下午 12:01:03

File Basic Access Control Parki	ing Time and Attendance Elevator Patrol Report System External Program Help
🛯 🚺 Exit 🛛 🧧 Cardholder Info Setting 🛛 🔧 Mifar	e card Issuance 🚔 Add Users Automatic 🥨 Retrieve Finger Characteristics 💕 Remote Open Door 👁 Event Monitor 🗶 Close
Device	Fingerprint device
⊨ Access Device (Standalone)	🕒 📑 New 🥪 Modify 👒 Delete 🛷 Parameter 🚦 Data Transmission.
RAC960PMF RAC820PMF	Controller Name Reader IP Reader Port Reader Model No. Reader Name Reader ID
RAC820PMFV	
RAC852PMFV	
Access Device (Control Panel)	
-RAC4600	
RAC2000WSN	
RAC2400N RAC4600N	
Elevator Device	
HDE-100WS	
	🕴 🔔 Caudholder, 📔 🗙 Delete Caudholder, 📔 🔍 Fingerprint data query
	Department Name Card No Empployee
	Name Pame Caro No D

3. Enter the window of biometric reader, select the reader model number, enter reader name, IP and Port, then click [Save] to add.

	z Time and Attendance Elevator Patrol Report System External Program Help
	ard Issuance 🐣 Add Users Automatic 🤹 Retrieve Finger Characteristics 🖌 Remote Open Door 💿 Event Monitor 🗙 Close
Device	Fingerprint device
Access Device (Standalone)	New 🦊 Modify 🔩 Delete 🛷 Parameter 📱 Data Transmission
RAC960PMF RAC820PMF	Concoller Name Reader IP Reader Port Reader Model No. Reader Name Reader ID
RAC820PMFV	
-RAC2000WS	Fingerprint device
RAC4600	Device
RAC2000WSN RAC2400N	Device Name
RAC4600N	RACEOPMF
Elevator Device HDE-100WS	Fingerpaint device
	PXR-82MFW -
	A Cardholder Fingerprint divice
	Darke Marie
	Departman Fosioni Venne Name
	P
	Port
	Save Exit
Login ADMIN Current opeartion: Biome	etric Reader Setting Current Time 2016/8/2 下午01:03:51

🖳 Fingerprint device	
Device	
Device Name	
RAC960PMF	
Fingerprint device	_
PXR-82MFS	
Fingerprint device	
Reader Name	
PXR82MFS	
P	
172.16.40.83	
Port	
4660	
Save Exit	

File Basic Access Control Parking					stem External Program			
Exit 📑 Cardholder Info Setting 🔩 Mifare can Device		e Add Users Automa print device	etic 🤹 Retrieve Finger	Characteristics	🖌 Remote Open Door 🛛 Eve	nt Monitor 🗙 Close		
- Access Device (Standalone)	_	New 🥵 Modify 👒 De	lete 👍 Parameter 🎩	Data Transmissio	D			
RAC960PMF RAC820PMF		Controller Name	Reader IP	Reader Port	Reader Model No.	Reader Name	Reader ID	
RAC820PMFV	▶1	RAC960PMF	172.16.40.83	4660	PXR-82MFS	PXR82MFS	1	
-RAC2000WS								
RAC4600 RAC2000WSN								
RAC2400N RAC4600N								
- Elevator Device								
HDE-100WS								
		Cardholder 🗙 Delete C	. 11 . 1	in the second				
	: 1	Destad			lines			
		Department Na Namë Na	me Card I	No D	pployee			
Login ADMIN Current opeartion: Biomet	ric Rea	der Setting Cur	rent Time 2016/8	2下午01:05:	01			

	arking Time and Attendance Elevator Patrol Report System External Program Help fifae card Issance Add Uses Automatic & Reviewe Finger Classoficities Pringerprint device Pringerprint de	
Const Level (Standiker) ACCONTRE ACCONTRE	Image: Section 1 Produce 2 Produce	

5. Click [Read] to retrieve reader's parameters to systems, select the parameter, then click [Set] to download to reader.

Hardware Setting : This function supports to set ID directly for the biometric models without dip switch to set ID.

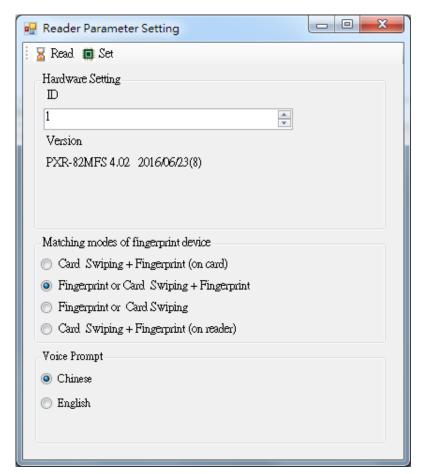
Matching modes of fingerprint device : (Do not support the finger vein device.)

- Card Swiping + Fingerprint (On Card) : Need to use a specific reader (Only for PXR-81/82 Fingerprint readers).
- Fingerprint or Card Swiping + Fingerprint : Matching modes by fingerprint only or by card swiping + fingerprint.
- Fingerprint or Card Swiping : Matching modes by fingerprint or by card swiping
- Card Swiping + Fingerprint (On reader) : Matching mode by card swiping + fingerprint only.

Voice Prompt :

- Chinese : Chinese voice.
- English : English voice.

4.



6. Click [Cardholder]. and then click department first to show all members in the department then select the cardholder.

Shortcuts : Use Ctrl + Mouse for multiple selections or Shift+ Mouse for consecutive

selections then click [Select] and then click [OK] to complete it.

∎. Exit ≡' Cardholder Info Setting '≥ Mifare card evice - Access Device (Standalone)	l Issuance 🐣 Add Users Auto Fingerprint device	-		e Open Do	or 💿 l	Svent Monito	r 🗙 Close		
RAC-960PMF - Access Device (Control Panel)	Controller Name	Reader IP	Reader Port	Reade	r Model	No.	Reader Name	Reader ID	_
Hoess Device (Control Panel) Elevator Device	M RAC-960PMF	172.16.42.60	4660	PXR-8			Door 1	1	
	Cardholder X Dele	Cardholder		Cardha E S 2 3 4 5 6 7 8 9 10 11 12 13 14 15		Reverse Name test002 test003 test004 test005 test006 test007 test008 test007 test008 test007 test010 test011 test012 test013 test014 test015	Card No 00000003 000000004 000000004 000000006 000000006 00000000	Emp No 0002 0003 0004 00005 00006 00006 00007 00008 00000 00010 00011 00012 00013 00014 00015 00016	×

ARCODURATION RACEONARY RACEOSOFIMIE 172 16 40 83 4660 PXR-82MES 1 RACEOSOFIMIE 172 16 40 83 4660 PXR-82MES 1 RACEOMES 1 RACEOMES	-RAC960PMF		Controller Name	🔽 Delete 🛭 🖨 Parame Reader II			der Model No.	Reader Name	Reader ID	
RAC3320MFV RAC2000WS RAC2000WS RAC2000WS RAC2000WSNN RAC2000NSNN RAC200NSNN	RAC820PMF RAC820PMFV									
RACCIOOWS RACCION RACCION RACCION Vator Denice HDE IOWS	RAC852PMFV		RACSOUPMP	172.10.40	4000	FAR	-62MF 5	FAR62MF3	1	
RAC3600 RAC300N RAC300N RAC300N RAC300N RAC300N RAC300N RAC300N RAC300N RAC300N RAC30N RAC										
BAC400N RAC460N Naver Desice HDE-100WS Cardholder ➤ Delee Cardholder Q. Fagesprint data query Desice Degestrated Name Card No Empeloyee ID D Degestrated Name Card No Empeloyee ID 1 BB 10000000 00005000 10000000 2 BB 10000000 00005000 10000000 3 BB 100000006 000050006 100000006 5 BB 100000006 000050006 100000006 6 BB 100000010 000050010 100000010	RAC4600									
Image: Construction										
HDE-100WS I Cardholder Cardholder Cardholder	RAC4600N									
Image: Second secon	Elevator Device									
Department Name Name Carl No Empeloyee ID 1 BB 100000000 0000050000 2 BB 100000000 0000050002 3 BB 100000000 0000050004 4 BB 100000006 0000050006 5 BB 100000006 0000050008 6 BB 1000000010 0000050010	HDE-100WS									
Department Name Name Carl No Empeloyee ID 1 BB 100000000 0000050000 2 BB 100000000 0000050002 3 BB 100000000 0000050004 4 BB 100000006 0000050006 5 BB 100000006 0000050008 6 BB 1000000010 0000050010			Cambolder 🎽 De	lete Carlholder 🛛 🔿	Fin remaint data on	e-11				
bit BB 100000000 0000050000 100000000 2 BB 1000000002 0000050002 100000000 3 BB 100000006 0000050006 100000006 4 BB 100000006 0000050006 100000006 5 BB 100000006 0000050006 100000006 6 BB 1000000010 0000050010 100000010						·	_			
2 BB 100000002 0000050002 100000002 3 BB 100000004 0000050004 100000004 4 BB 100000006 0000050006 100000006 5 BB 100000008 0000050008 100000008 6 BB 1000000010 0000050010 1000000010			Name	Name	Card No	D				
3 BB 100000004 0000050004 100000004 4 BB 100000006 0000050006 100000006 5 BB 1000000008 0000050008 100000008 6 BB 1000000010 0000050010 1000000010		▶1	BB							
4 BB 100000006 000030006 100000006 5 BB 1000000008 0000050008 1000000008 6 BB 1000000010 0000050010 1000000010		2	BB	100000002	0000050002	100000002				
5 BB 100000008 0000050008 100000008 6 BB 1000000010 0000050010 1000000010				100000004	0000050004	100000004				
6 BB 100000010 0000050010 1000000010			BB	10000004						
		3			0000050006	100000006				
7 BB 100000012 100000012		3 4	BB	100000006						
		3 4 5	BB BB	100000006 100000008	0000050008	100000008				
		3 4 5 6	BB BB BB	1000000005 1000000008 1000000010	0000050008 0000050010	100000008 100000010				
		3 4 5 6	BB BB BB	1000000005 1000000008 1000000010	0000050008 0000050010	100000008 100000010				
		3 4 5 6	BB BB BB	1000000005 1000000008 1000000010	0000050008 0000050010	100000008 100000010				
		3 4 5 6	BB BB BB	1000000005 1000000008 1000000010	0000050008 0000050010	100000008 100000010				

7. If case of need to delete cardholders, please select the cardholders then click [Delete Cardholder].

Access Device (Standalone) RAC960PMF	: =		🔩 Delete 💔 Param						
RAC820PMF RAC820PMFV		Controller Name RAC960PMF				wfodel No.	Reader Name	Reader ID	
RAC852PMFV	M	RAC960PMF	172.16.4	4660	PXR-82M	MFS	PXR82MFS	1	
 4coss Device (Control Panel) RAC2000W RAC2000W SN RAC2000W SN RAC2000N RAC4600N Beretor Device HDE-100WS 									
	1	Cardholder 🗙 I Department		Fingerprint data qu	ery Empployce	_			_
		Name	Name	Card No	D	Hint		X	
	1	BB	100000000	0000050000	100000000				
	2	BB	100000002	0000050002	100000002	Are yo	u sure to delete it?		
	3	BB	100000004	0000050004	100000004				
	4	BB	100000006	0000050006	100000006				
	5	BB	100000008	0000050008	100000008		OK	Cancel	
	6	BB	100000010	0000050010	100000010				,
	▶7	BB	100000012	0000050012	100000012				

 After completing the selection of the cardholders, click "Download" to choose devices to download. Allows to select all devices (meaning download to all devices) or select one device (meaning download to the selected device). then click [Download All] or [Modification] to download the authorizations to all or selected devices.

Access Device (Control Faller)	eader IP Reader Port 2.16.42.60 4660	PXR-82MFS Door	der Name Reader ID	
Fingerprint device	everse 📑 Download All 📑 M			

9. Click "Fingerprint data query" to check whether the users' authorizations have been downloaded successfully

If the message box shows "Query Successful", it means all authorizations have been downloaded successfully

 Access Device (Standalone) RAC960PMF 	- I	New 🥵 Modify				Des les Markel Ma	Davida Marca	Des las ID
RAC320PMF RAC320PMFV RAC320PMFV RAC320PMFV Acc320PMFV RAC3000WS RAC4600 RAC4600 RAC2000WSN RAC200N RAC4600N Betwise HDE-100WS	M	Controller Nami RAC960PMF	172.16	40.83 4660	F	Reader Model No. XR-82MFS	Reader Name PXR82MFS	Reader ID
	÷ .	Cardholder X I Department Name	Delete Cardholder	Fingerprint data q Card No	uery Employer D			
	▶1	ABC	403	000000403	00403			
	2	ABC	404	000000404	00404		X	
	3	ABC	405	000000405	00405			
	4	ABC	406	0000000405	00406	Query s	OK	

6. Parking

6-1 Parking Hardware Setting

6-1-1 Parking Setting

Operation Steps :

- 1. Go to "Add Parking Controller" workspace.
- 2. Input device ID and name
- 3. Communication type : Select COM PORT or TCP/IP. For COM PORT, please make sure the COM PORT number and baud rate is 19200. For TCP/IP, please input IP address and port
- 4. Select Anti Mode. Default is none.
 - Anti-pass back Mode :
 - 0. None : Does not use Anti-pass back function. (Default)
 - 1. Gate 1 In/Out only : Access only in Gate 1.
 - 2. Anti by Reader
 - 3. Gate 1 In/Gate 2 Out

Model	Mode	Gate Relay and
		Reader action
HDP-100	1(Control single Gate)	Gate1 IN & Out. (Reader1 and Reader 2 for
		IN & Reader 3 and Reader 4 for OUT)
HDP-100	2(Control two Gates)	Gate1 IN (Reader1) & OUT (Reader 2)
		Gate2 IN (Reader3) & OUT (Reader4)
HDP-100	3(Control two Gates)	Gate1 IN (Reader1 2 for IN)&
		Gate2 OUT (Reader3 4 for OUT)

5. Click Save to save the settings. Click Time to read device time and to ensure if system is connected with the device.

	ontrol Attendance Recorder Elevator <mark>Parking</mark> TimeAttendance Patrol Report System External Program Help
	erting 🍡 Mifare card Issuance 🚔 Add Users Automatic 😪 Retrieve Finger Pattern 🖝 Remote Open Door 🐵 Event Monitor 🗶 Close J
	Modify 🖷 Delete 🕐 Cacel 🔟 Save 🗃 Ser Parameter 📓 Read Parameter
B1	HW Detail List Parameter 1 Parameter 2 Station
	ID Name Controller Time Current Time
	Tint
	Anti Mode Vone 💌
	Communication Type
	O COM O TCP/IP IP address
	Port
	COM PORT:
	Bauhate
	: Parking Setting Current Time 2014/3/11 下午 02:46:55

6. Click Order may sort the devices.

🚺 🛊 Order

🛃 Order			
Exit	🛉 Up 🦊	Down	🖬 Save

6-1-2 Parameter 1

It is mainly to modify follow device parameters. Operation Steps :

- 1. Select the controller on the left panel.
- 2. Go to Parameter 1 workspace.
- 3. Tick the check box to modify the parameter :
 - Disarm code with card number : To disable the alarm, users need to press disarm code then swipe card.
 - Cover stored records : Select to overwrite data or stop saving data when the storage limit is exceeded.
 - Swipe duress card and press duress code : To activate alarm, user needs to swipe duress card then press duress code.
 - Warning alarm when stored record buffer is 90% full : When stored records are reaching 90% full, system will activate a warning alarm.
- 4. Click [Save] and please download the parameter for the settings to take place.

	l Attendance Recorder Elevator <mark>Parking.</mark> Time Attendance Patrol Report System External Program Help 🔩 Miñec card Issuance 🚔 Add Uses Automatic 😪 Retrieve Finger Patem 🖝 Remote Open Door 👁 Byent Monitor 🗙 Close
· · · · · · · · · · · · · · · · · · ·	
B1	HW Detail List Parameter 1 Parameter 2 Station
	Disam code with card number?
	Cover stored records?
	Swipe duress card and press duress code?
	Waming alam when stored record buffer is 90% full.
Lasis ADAMI Complexity in 1	
Login ADMIN Current opeartion: Parki	ing Setting Current Time 2014/3/11 千千 02:47:19

6-1-3 Parameter 2

It is mainly to modify follow device parameters. Operation Steps :

- 1. Select the controller on the left panel.
- 2. Go to Parameter 2 workspace. •
- 3. Parameter contents :
 - Master Card : This number is allowed users into setup mode. Kindly refer to hardware manual.
 - Duress Card : Alarm will be activated and gate barrier will be opened upon swiping duress card.
 - Duress Code : Alarm will be activated and gate barrier will be opened upon pressing duress code.
 - Disarm Code : Deactivates alarm upon inputting disarm code.
 - Number of re-swipe card to signal warning : Allowed error times of re-swiping the same card. To enable this function, "Max. re-swipe invalid card to ceases system" function should also be activated.
 - Max. no. of valid card: : Default is 10000pcs, maximum is 15000pcs.

*** Changing valid card quantity, will re-allocate the memory of the controller. All old records and authorization in the controller will be cleared!!

- Retrieve Valid Code Index : The index digit of retrieve valid card no.
- Retrieve Valid Code Length : How many digits you want to retrieve of valid card no.
 Ex : Card No. is 1234567890, valid code index is 2, length is 6. The retrieve valid card no. will be 234567. Please note, in cardholder information, the card no. should be 234567 too, otherwise the Gate will not open.
- Compare Valid Code Index : The index digit of compare valid card no.
- Compare Valid Code Length : How many digits you want to compare. Ex : Card No. is 1234567890, if compare index is 1, compare length is 3. Valid cards with number starting with 123 will be granted access.
- Max. re-swipe invalid card to ceases system : How many seconds the device will stop working when re-swiping invalid card. After a certain period of time, the device will function again. This function works hand in hand with "Number of re-swipe card to signal warning" Function.
- 4. Click Save and please download the parameter for the settings to take place.

Enit 🗧 Cardholder Info Setting	🛛 🍡 Mifare card Issuance 斗 Add Users 1	or <mark>Parking</mark> Time Attendance Patrol Reg untomatic 😪 Retrieve Finger Pattern 🖝 Remote Open Doc	
Add Parking Controller 🥪 Mod 31	ify 🔫 Delete 🕐 Cancel 📓 Save 🛛 🗃 HW Detail List Parameter 1 Parameter		
	Master Card 30191000	Valid Card Accommodate	
	Duress card	Retrieve Valid Code Index	
	Duress Code	Retrieve Valid Code Length	
	Disama Code 0000	Compare Valid Code Index	
	Permit Reading Error Times	Compare Valid Code Length	
	Max. re-swipe invalid card to ceases sy	stem	

6-1-4 Station

It is mainly to modify gates' name.

Operation Steps :

- 1. Select the controller on the left panel.
- 2. Go to Station workspace.
- 3. Input Gate name.
- 4. Enter open duration for the barrier gate. (The default setting is 4 seconds)
- 5. Click \lceil Save \rfloor to save the settings.

File Basic Access Control	Parking Elevator Time Attendance Patrol Report System External Program Help Mifare card Essance 🐥 Add Uses Automatic 😪 Retrieve Finger Pattern 🔐 Remote Open Door 👁 Event Monitor 🛛 🗶 Close
	3 Milare Card Strance ♣ And Uses Automatic V Reinfere Finger Pattern ▲ Reinfere Upen Door Dor Dor Dor Dor Control Cont
HDP-100	HW Detail List Parameter 1 Parameter 2 Station
	Gae 1
	Gate Name
	Card with Password
	Door 1 Open Time(Sec)
	Cat 2
	Cate Name
	Door 2 Open Time(Sec)
Login ADMIN Current opeartion	n: Parking Setting Current Time 2015/7/27下午 02:57:40

6-2 Time Zone

Parking time schedule setting is combined with Access control time schedule settings. Please refer to 5-4 Access Control Time Schedule Setting.

6-3 Parking Auth. Setting

Before setting parking authorization, please download time zone and time schedule to the device in advance.

The parking download function is combined with Access control download. Please refer to 5-5 Access Control Download.

6-3-1 Group Authorization Setting

It is mainly to create access group and assign users authorization. Operation Steps :

- 1. Click $\lceil New \rfloor$.
- 2. Input group name.
- 3. Click \lceil Save \lfloor to save the setting.

_	5
	ance Elevator Patrol Report System External Program Help
	s Automatic 🤹 Retrieve Finger Pattern 🛛 💣 Remote Open Door 💿 Event Monitor 🛛 🗶 Close
Group Auth Setting Group Auth Inquire Download	
💷 New 📫 Modify 🔫 Delete	Authorization Setting
Group Name	🕴 🛼 Select Time Schedule ၊ 🚨 Cardholder 🗙 Delete Cardholder 🎦 Export Cardholder 👌 Import Cardholder
▶ 1111	
	Record:0 Record:0
	Gate Time Schedule[1] Time Schedule[Department Errop No Name
Login ADMIN Current opeartion: Parking Auth Setting	Current Time, 2020-01-07 16:41:00

4. Go to \lceil Time Schedule \rfloor . Tick doors which you want to authorized.

Hint: Speedy Selection: Press CTRL key and select doors by mouse or press SHIFT key and select doors successively by mouse.

5. Click \lceil Save \rfloor .

🖡 New 📫 Modify 🛋 Delete		Authorization Setting]						
Group Name	_		edule 🔍 Cardh	older 🗶 Delete C	urdholder 🗌 🏪 Export 🕯	Cardholder 🌛 Imm	nt Cardholder		D
1111	• - 9	Select Time Schedule							
	B	Exit 🗸 OK							
		Time Schedule	Ø .	Set 🔲 Reverse Sel	ect				
	► I	0000-2359		Gate	Time Schedule[1]	Time Schedule[2]	Time Schedule[3]	Time Schedule[4] Tir	
		0000-0000	•	PP1	0000-2359				
		3		PP2					
		4		000000018					
		5		000000019					
		6							
		7							
		8							
		9							
		10							
		11							
		12							
		13							
		14							
		15							
		16							
			4					•	

- 6. Go to [¬]Cardholder _」 . Tick the department then you will read cardholder list which belong the department. And then you can start to tick the cardholders.
- 7. Click [Save] to save the setting. If want to delete the selection, please remove the tick.

After setting completed, click $\[\]$ Export Cardholder $\]$, system will produce a txt file base on the setting. The file only includes cardholder name and authority by department. This file may import to system and use for other group authorization

Auth Setting Group Auth Inquire Download	Authorization Setting							
Group Name	Rutionzation Sening	Coulholder 😝 E	Ielete Ch	- Br	nost Chulkolder	Incoment Churthe	oldar	
1111	Select Cardholder							
	OK Cancel					E	Name	
	Department	Cardh	older					
	⊟-V hundure06	1915 - 1915 -	elect All	Select None	•			
	ADC			Name	No	^		
		1	V	David1	00001	_		
		2	7	David2	00002	- 10		
		3	7	David3	00003	- 10		
		4	1	David4	00004	- 10		
		5	V	David5	00005	- 10		
		6	V	David6	00006	- 10		
		7		David7	00007	- 10		
		▶8 9		David8 David9	00008	- 10		
		10		David9 David10	00010	- 10		
		10		David10 David11	00011			
		11		David11 David12	00012			
		12		David12 David13	00012			
		14		David14	00014			
		15		David15	00015			
		16		David16	00016			
		17		David17	00017			
		10		D	0001.0			

6-3-2 Group Authorization Inquire

Enquire user's authorization. Specify the range according to Group, door and User name. Report provides print function and can be converted to TXT or XLS format for other application.

Operation Steps :

- 1. Check dynamic drop-down menu, you will read group, door, time schedule and name.
- 2. Click 「Search」.

Title Group Auth Inquart ap Gate 00000000 00000000 000000000 00000000 000000000 00000000 000000000 00000000 000000000 00000000 000000000 00000000 000000000 000000000 000000000 000000000	Name 5 AMY16 5 AMY17 5 AMY18 5 AMY19 5 AMY20 5 AMY21 5 AMY21 5 AMY22 5 AMY23	- Na Time Schedule[1] 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Time Schedule[2] 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	- Q S Time Schedule[3] 3 3 3 3 3 3 3 3 3 3	Time Schedule[4] 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Time Schedule[5]	Time Schedule[6]	Time Schedule[
pp Gate 00000000 00000000 000000000 00000000 000000000 00000000 000000000 00000000 000000000 000000000 000000000 000000000 000000000 000000000 000000000 000000000 000000000 000000000	Name 5 AMY16 5 AMY17 5 AMY18 5 AMY19 5 AMY20 5 AMY21 5 AMY21 5 AMY22 5 AMY23	1 1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2 2	3 3 3 3 3 3	4 4 4 4	Time Schedule[5]	Time Schedule[6]	Time Schedule[
00000000 00000000 00000000 00000000 0000	5 AMY17 5 AMY18 5 AMY19 5 AMY20 5 AMY21 5 AMY22 5 AMY22 5 AMY23	1 1 1 1 1	2 2 2 2 2 2	3 3 3 3 3	4 4 4 4			
00000000 00000000 00000000 00000000 0000	5 AMY18 5 AMY19 5 AMY20 5 AMY21 5 AMY22 5 AMY23	1 1 1 1 1	2 2 2 2 2	3 3 3	4			
00000000 00000000 00000000 00000000 0000	5 AMY19 5 AMY20 5 AMY21 5 AMY22 5 AMY22	1 1 1 1	2 2 2	3 3	4			
	5 AMY20 5 AMY21 5 AMY22 5 AMY23	1	2 2	3				
	5 AMY21 5 AMY22 5 AMY23	1	2		4			
	5 AMY22 5 AMY23	-		3				
00000000	5 AMY23	1	1		4			
00000000			2	3	4			
		1	2	3	4			
00000000	5 AMY24	1	2	3	4			
	5 AMY25	1	2	3	4			
00000000	5 AMY26	1	2	3	4			
00000000	5 AMY27	1	2	3	4			
00000000	5 AMY28	1	2	3	4			
	00000001	0000000015 AMY28	0000000015 AMY28 1	0000000015 AMY28 1 2	0000000015 AMY28 1 2 3	0000000015 AMY28 1 2 3 4	0000000015 AMY28 1 2 3 4	0000000015 AMY28 1 2 3 4

6-3-3 Download

It is mainly to download users 'authorization to device. Operation Steps :

- 1. Select downloading by group auth. or by device.
- 2. Select group or device or select "All" to downloading.
- 3. Click \ulcorner Start \lrcorner to start the download.

File Basic Acce	ess Control Attendance Recorder Elevato	r Parking TimeAttendance Patrol Report System External Program Help
		stomatic 🤹 Retnieve Finger Pattern 🛛 💣 Remote Open Door 💿 Event Monitor 🛛 🗶 Close
Group Auth Setting Group	p Auth Inquire Download	
Select Controller All	🔹 🞩 Download 🔹 Stop download 🗌	
- Download Type		Message
 Modification 		
🔿 Download All		
Download Option		
All	Time Zone	
Gate Authorization	Time Schedule Holiday	
ļ][

6-4 Parking Cardholder Auth. Report

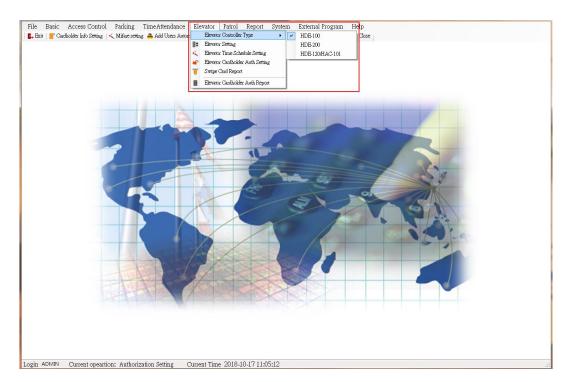
Report will show cardholder authorizations of parking. Quickly search by date, card number, cardholder name and station. Report can be converted to TXT or XLS format for other application.

			: Recorder 🛛 Elevato suance 🚑 Add Users Au						
: Lan		ng 🔏 Millare cara is	suance 🤲 Add Oseis Au	iomatic 😪 Retrieve i	-inger Fattern 🛛 🖷 . Fo	mote Open Door 💿 r	svent Monitor 🗶 Clor	se .	
Date range 2011/ 7/ 4			Cand No S	tation	~				
Name	000000	2009/09/2	0 13:15:01	Station PK 1	Event Explanation Access Granted				
alan	000000	2009/09/2	0 13:15:09	PK 1	Access Granted				
Login ADMIN	Current opeartion: Pa	arking Access Report	Current Time 2011/7/4	十年 11:05:19					

7. Elevator

el.)

There are three elevator models. Please select which elevator controller you are using first, and then continue to set parameters and authorization. (HDE-100 is default elevator mod-



Default elevator model is HDE-100. To modify device type, please go to File \rightarrow Parameter Adjustment \rightarrow Elevator Device to select correct model. After click [Save], setting completed.

🔛 Para	meter Adjustment	
i 🕞 Ex	t 🔛 Save	
Туре	Elevator Device	
	⊙ HDE-100	
	○ HDE-200	

7-1 Elevator Setting (HDE-100)

Elevator setting includes add new controller, set communication, and modify parameter and reader

7-1-1 Add HDE-100

Operation Steps:

- 1. Set the elevator name of HDE-100.
- 2. Select MCU model number and enter the number of MCU expansion panel connected with HDE-100.
- 3. Click $\lceil OK \rfloor$ to save the settings. Or Click $\lceil Cancel \rfloor$ to delete the setting.
- Note:HDE-100 maximum controls 64 floors and 4pcs of digital output controller. The ID of digital output controller should be 3~6. If connect MCU-0016 and MCU-0008 with a HDE-100 at the same time, MCU-0016's ID must be front of MCU-0008.
- Ex: ID3 and ID 4 are MCU-0016, ID5 is MCU-0008, please select MCU-0016, amount are 2.

Then go to 7-1-4 Floor setting to add MCU-0008. The system will get corresponding ID automatically.

HDE-100	tal Output Controller J-0008 MCU-0016
OK Cancel	

7-1-2 Hardware Detail List

Set communication between HDE-100 and PC.

Operation Steps :

- 1. Select a model from the left panel and click $\ ^{\lceil} Modify \, _{ }$.
- 2. HDE-100's ID should be unique.
- 3. Communication type : Select COM PORT or TCP/IP. When using COM PORT, please make sure the COM PORT number and baud rate is 19200. When using TCP/IP, please input IP address and port
- 4. Click Save to save the settings. User can click Time to make sure if system is connected with device. If time synchronization failed, system will generate a log report under C:\Program Files\HAMS-19, named ErrorLog.txt. Kindly refer to appendix for error code.

		Recorder Elevator Parking TimeAttendance Patrol Report System External Program Help
		svance 🐣 Add Users Automatic 😭 Retrieve Finger Pattern 🖝 Remote Open Door 🐵 Event Monitor 🗶 Close
Model	Elevator Name	O Cancel La Save Exact An True Synchronization to All HW Detail List Parameter Reader Setting Floor
HDE-100	HDB-100	Time HW D EL. Name Controller Time I HDE-100 Image: Controller Time
		○ COM IP Address
		© TCP/IP Port
		COM FORT: COMA IN Backate 19200 V
Login ADMIN Curret	at opeartion: Elevator Setting Curr	■ ent Time 2014/3/11 上午 11:15:08
	_	

5. Click Order may sort the devices.

🛿 🗣 Order 🛛 📩 Time Synchronization to All

🛃 Order		
Exit	🛉 Up 🤳 Down	💾 Save

6. Click Time Synchronization to All may correct all devices' time once.

7-1-3 Modify Parameter

Please click 「Read」 to retrieve current device parameter.

Operation Steps :

- 1. Select the controller on the left panel
- 2. Click $\lceil Modify \, \rfloor$.
- 3. Go to "Parameter" workspace.
- 4. Parameter contents :
 - Relay Time : MCU relay activation time (Default : 10 seconds).
 - Disarm Code : When alarm happens, it can be deactivated if the disarm code is entered. (Default code is 0000).
 - Delay time (sec) of duplicate read card : It works with "Alarm work when Read Duplicate Card". Default is 0 second which will not activate the alarm.(0~255 seconds)
 - Warning alarm when stored record buffer is 90% full : When stored records are reaching 90% full, system need activate alarm.
 - Are you sure to activate without valid card : Allow swipe any card to active MCU relay. Default is agreed.
 - Alarm work when Read Duplicate Card : Time period from first swipe to second swipe is set through "Delay time (sec) of duplicate read card".
 - Index : The index digit of retrieve valid card number.
 - Length : How many digits you want to retrieve of valid card no.
 Ex : Card NO. is 1234567890, valid code index is 2, length is 6. The retrieve valid card no. will be 234567. Please note, in cardholder information, the card no. should be 234567 too, otherwise the door will not open.
- 5. Click 「Save」 to save the setting. Then please upload the parameters. If upload failed, system will generate a log report under C:\Program Files\HAMS-19, named ErrorLog.txt. Kindly refer to appendix for error code description.

File Basic Access Control Parking Time Attendance Elevator Patrol Report System External Program Help L. Exit Candholder Info Setting Mifare card Issuance Add Users Automatic Retrieve Finger Pattern Remote Open Door Set Monthly Cancel Concel Set Monthly Retrieve Finger Pattern Remote Open Door Concel Concel Set Monthly Remote Open Door Set Read Warning alarm when stored record buffer is 90% full. Set Read Se
Add Elevator Modify Delete Controllor Save Cancel Order SET All A Time Synchronization to All Model Elevator Name HW Detail List Parameter Reader Setting Floor Setting
Model Elevator Name HW Detail List Parameter Reader Setting Floor Setting
HDE-100 01 Set Read Waning alarm when stored record buffer is 90% full.
Relay Time(Sec) Are you sure to activate without valid card?
10 Alarm work when Read Duplicate Card?
Disama Code Index
0000
Delay time(Sec) of duplicate read card Length
ogin ADMIN Current opeartion: Elevator Setting Current Time 2016/4/8 下午 03:10:39

7-1-4 Reader Setting

Only Mifare reader needs to set parameter. User can select to read Mifare serial card number or read from specific block of Mifare card.

Operation Steps :

- 1. Select the controller on the left panel and click $\ ^{\lceil}$ Modify $_{\perp}$.
- 2. Go to "Reader Setting" workspace and input reader ID which you want to modify.
- 3. Modify value (Mifare card parameters have been set in Parameter Adjustment workspace)
 - Card Format : Select Key A or Key B. If user select read serial number, please ignore the following parameters.
 - Retrieve Valid Code (Index) : The index digit of retrieve valid card number.
 - Retrieve Valid Code Length : How many digits you want to retrieve of valid card number. This works with the previous parameter Retrieve Valid Code (Index)
 - Compress Card No. : Compressed or not. Default value is 0. To modify the value, please go to File → Parameter Adjustment → Mifare Reader → Compress.
 - Block Key : Default is key A value. For modify the key value, please go to File → Parameter Adjustment → Mifare Reader → Key A.

4. Click \lceil Save \rfloor and \lceil Set \rfloor to download the setting to HDE-100.

	e Recorder <mark>Elevator</mark> Parking Time Attendance Patrol Report System External Program Help swance 🚔 Add Ucers Automatic 😪 Retrieve Finger Patten, 🔐 Renote Open Door 👁 Event Monitor 🛛 🗶 Choe
	Cancel Save Base TAll A Time Synchronization to All
Model Elevator Name HDE-100 HDE-100	HW Deal List Parameter [Reader Setting] Floor Setting
 IDE-100 	Set
	Card Format Reading No. V Reader ID 1 V
	Retrieve Valid Code (Index)
	Compress Card No. 7
	Read Block 0
	Block Key
Login ADMIN Current opeartion: Elevator Setting Current	rent Time 2014/3/11 上午 11:16:22

7-1-5 Floor Setting

Add or delete digital output controller (MCU-0008 or MCU-0016). And set MCU relay and follow-up functions.

Operation Steps :

- 1. Click \lceil Add MCU $_{\perp}$. (If you already select MCU, please ignore step 1 and 2.)
- 2. Select amount of MCU-0008 or MCU-0016, then $\ensuremath{\,^{\frown}}\xspace$ OK $_{\ensuremath{\,^{\frown}}\xspace}$.
- 3. Rename the floor name and tick the box to start MCU relay. (Press right mouse-key to select all box to mark all or clear all to unmark the selections).
- 4. Click \lceil Save \rfloor to save the settings.

	ecorder Elevator Parking TimeAttendance Patrol Report	
	nce 🐣 Add Users Automatic 🤹 Retrieve Finger Pattern 💣 Remote Open Door 💿 I	Event Monitor 🛛 🗙 Close
	Cancel 🖬 Save 🔤 SET All 🌨 Time Synchronization to All	
Model Elevator Name	HW Detail List Parameter Reader Setting Floor Setting	
HDE-100 HDE-100	MCU: MCU0008-3	
	No Floor name Start	
	1 IF 🔽	
	2 2F 🔽	
	3 3F V 4 4F V	
	7 NoName 8 NoName	
	0 IVOIVALLE	

7-2 Elevator Time Schedule Setting (HDE-100)

7-2-1 Time Schedule Setting

Set time zone and time schedule. Definable 128 sets of time zone and schedule. User can design different group for flexible access control. Click 「Modify」 to start the setting.

Time Zone Setting :

- 1. Click \lceil Modify \rfloor of time zone setting.
- 2. Input time (format : HHMM). Ex. : Time start from 0000 and 2359 for time end.
- 3. Click \lceil Save \rfloor to save the setting. To delete data, please click \lceil Delete \rfloor .

Time Schedule Setting :

- 1. Click \lceil Modify \rfloor of time schedule setting.
- 2. Input time schedule name first. To set the time zone for each day, enter the time zone number (row number) with the desired time setting.
- 3. Click \lceil Save \rfloor to save the setting. To delete the record, please click \lceil Delete \rfloor .

Holiday Setting :

Holiday is meaning National holiday or specific date.

- 1. Click $\lceil New \rfloor$.
- 2. Input holiday date. Format is YYYYMMDD. Then set time zone by specifying the time zone number (row number) with the desired time setting.
- 3. Click \lceil Save \rfloor to save the settings.

🛃 Ele	vator Ti	me Schedule S	etting															
G• E	rit																	
Time S	chedule 3	Setting Unrestri	cted Setting															
Time	Zone Set	tting			Time	Schedule	e Setting								Holid	ay Setting		
Mo	lify Can	icel Save Cance	1		Mod	lify Car	icel Save Cancel								New	Modify Save	Delete Cancel	
	No.	Time Start	Time End	>		No	Description	Mon	Tue	Wed	Thu	Fri	Sat	Sun 🛆		No.	Holiday	Time Schedule
•	1	08:00	17:00		•	1	AA	1	1	1	1	1	0	0	Þ	0000000001	20140101	3
	2	15:00	16:00			2		0	0	0	0	0	0	0	ŕ		20140101	
	3	00:00	23:59			3		0	0	0	0	0	0	0				
	4					4		0	0	0	0	0	0	0				
	5					5		0	0	0	0	0	0	0				
	6					6		0	0	0	0	0	0	0				
	7					7		0	0	0	0	0	0	0				
	8					8		0	0	0	0	0	0	0				
	9					9		0	0	0	0	0	0	0				
	10					10		0	0	0	0	0	0	0				
	11					11		0	0	0	0	0	0	0				
	12					12		0	0	0	0	0	0	0				
	13					13		0	0	0	0	0	0	0				
	14					14		0	0	0	0	0	0	0				
	15					15		0	0	0	0	0	0	0				
	16					16		0	0	0	0	0	0	0				
	17					17		0	0	0	0	0	0	0 🗸				
	18			~	<	-	1		Ш				1					

7-2-2 Unrestricted Setting

Under unrestricted time, there's no need to swipe card and cardholders are granted free access to all floor levels.

Operation Steps :

- 1. Click $\lceil New \rfloor$.
- 2. Select elevator, time schedule and access type.
- 3. Select floor level name. User can press Shift or Ctrl key and mouse for multiple selection.
- 4. Click Save and Set to controller. Before setting to controller, time zone, time schedule and holiday setting must be downloading to controller beforehand.

Access Type description :

- Card Swipe Disabled : The system will grant or deny access based on the time schedule. Top priority is unrestricted time schedule and ignores holiday settings.
- Disable Card Swipe on Holiday : The system will grant or deny access based on the time schedule. But disable card swipe on holiday.
- Card Swipe on Holiday : The system will grant or deny access based on the time schedule. But on holiday, the access authorization based on holiday settings.

Note: HDE-100 only support 63 sets of unrestricted times. The system has been locked and only supports serial no. 1-63 of time schedule.

🛃 Elevator Time Schedule Setting	
G• Exit	
Time Schedule Setting Unrestricted Setting	
🛛 💷 New 💷 Modify 🛋 Delete 🔛 Save 🕐 Cancel 🛛 💽 Set to Cotroller 🗍	
Elevator Name Time Schedule HDE-100 V AA	Access Type Card Swipe Disabled Card Swipe Disabled Card Swipe on Holday Card Swipe on Holday Pucket Swipe on Holday
Floor Level Name Floor Level Name	Card Swipe on Holiday
1F	
▶ 2F	
3F	
4F	
5F	

7-3 Elevator Cardholder Auth. Setting (HDE-100)

It defines cardholders' authorization and downloads to HDE-100. An elevator provides a time schedule, when change time schedule to one of floor, the previous settings will be covered by new time schedule.

7-3-1 Add Elevator Authorization

Set cardholder's authorization Operation Steps :

- 1. Select a cardholder or quickly search by cardholder name.
- 2. Select the elevator to access.
- 3. Tick the box to select the access floors. Tick the box to select all floors or clear all to unmark the selections.
- 4. Select time schedule.
- 5. Holiday Access : When this function is activated, the access priority is holiday settings.
- 6. Click Setting and the cardholder with the assigned floor will be shown on the workspace below. Click Delete to delete the authorization. (User can press Shift and Ctrl key for

iple	seled	ctions).								
				Recorder	Elevator Park	ing TimeAttendar	ce Patrol Repo	rt System	External Program	Help	
: 🚺 E	nit <mark>=</mark> ' Cardholde	er Info Setting 🍡	Mifare card Issu	ance 🐣 Add	Users Automatic 🤤	🖁 Retrieve Finger Pattern	🗬 Remote Open Door	👁 Event Monito	🗙 Close		
1		🔍 Search	•	🖊 Select All 🎽	Select None 🛛 S	elect 🔲 Reverse 🖪 C					
	Name	Emp No	<u>^</u>		ice 🔹 HDE-10		nked AA	~			
۱.	DAVE1	1			Elevator Name	Floor Name	Monday	0800 - 1700			
	DAVE2	2	-		HDE-100	1F	Tuesday	0800 - 1700			
	DAVE3	3			HDE-100	2F	Wednesday	0800 - 1700			
	DAVE4	4			HDE-100	3F	Thursday	0800 - 1700			
	DAVES	5			HDE-100	4F	Friday	0800 - 1700			
	DAVE6	6			HDE-100	5F	Satursday				
	DAVE7	7					Sunday				
	DAVE8	8					🔲 Holiday A	10255			
	DAVE9	9									
	DAVE10	10									
	DAVE11	11									
	DAVE12	12									
	DAVE13	13									
	DAVE14	14	_								
	DAVE15	15	_								
	AMY16	16	_								
	AMY17	17	_								
	AMY18	18	_								
_	AMY19	19	_								
	AMY20	20	-84								
	AMY21	21	- 11								
	AMY22	22	-8.8								
	AMY23	23	-								
i 🗸 Se	elect All 🔀 Select	t None 🎦 Delete									
	Name	Emp. No.	Elevator Na	mê	Floor Name	Time H Schedule	oliday Access				

- 7. Click [Copy] may copy authorization to other cardholders.
 - Ignore cardholder who already has authorization : Once the cardholders have authorizations already, system will ignore the cardholder.
 - Keep original and add extra authorizations: System will check if it is no repeat from current authorizations, system will add extra authorizations to cardholders.
 - Fully Overwrite : Delete all authorizations and using copy file.

8. Go to Floor Group auth. setting workspace.

- Download : Select download all or download to specific elevator. Tick the check boxes to select elevator with which you want to download.
- Download Type : Download modified data only or download all data.
- Download Option : User can select download all options or select single option.
- Click 「Download」 to download the data •

🔜 Floor Group auth. Setting			
Exit			
 Download All Download to Specific Elevator Download Stop Elevator HDE-100 	Download type Modification Download All Message	Download Option Select All Authorization	 Time Zone Time Schedule Holiday
	2 		.:

7-4 Swipe card report (FOR All Elevator Control)

Lists swiped card records. Specify the range of swipe card records according to Cardholder

Nam		Department	card Issuance 🐣 Add Users A • Card No.		p No	Q Search		_	
Date	2009/09/17 00:00:00	- 2009/09/17/2	23-59:59 🗸 Device Nam	ė	• Door:	•			
٠	📄 📧 Headline of Rep	port Swipe Card Rep	xort	1					
	Device Name Do		partment Name	Emp No	Card No	Date	Time Swiped	Event Explanation	InOut
•	940PE 940		alan		0000000001	2009/09/17	11:57:26	Access Granted	
	940PE 940	PE	alan		0000000001	2009/09/17	11:57:33	Access Granted	

name, Card number, Department, Date, Device Name and Door.

Note : All elevator control panels may use this report.

7-5 Elevator Cardholder Auth. Report (HDE-100)

Report will show all cardholder authorizations of every elevator. Quickly search by cardholder or card number. Report can be converted to TXT or XLS format for other application.

🔜 El	evator Cardhold	er Auth. Report				
Nam	e	Card No		🔍 Search 블 📔 💌	📴 Exit	
	CardNo	EmpID	Name	DeviceName	DepName	FloorLevelAuthoriz Grou
<u>۲</u>	1954129034	00002	A001	MCU0008-3	1	3F
	1954129034	00002	A001	MCU0008-3	1	2F
	1954129034	00002	A001	MCU0008-3	1	1F
	4567	0001	A002	MCU0008-3	1	8F
	1954037706	0001	A002	MCU0008-3	1	8F
	4567	0001	A002	MCU0008-3	1	7F
	1954037706	0001	A002	MCU0008-3	1	7F
	4567	0001	A002	MCU0008-3	1	6F
	1954037706	0001	A002	MCU0008-3	1	6F
	4567	0001	A002	MCU0008-3	1	5F
	1954037706	0001	A002	MCU0008-3	1	5F
	4567	0001	A002	MCU0008-3	1	4F
	1954037706	0001	A002	MCU0008-3	1	4F
<	·					

Note : For swipe card report and event records of HDE-100, please go to Report→ Hardware Event report or Swiped card Report.

7-6 Elevator Setting (HDE-200/200N)

Include add new controller, set communication, modify parameter, reader and floor setting.

7-6-1 Add HDE-200/200N

Operation Steps:

- 1. Click [New], and then select communication type.
- 2. Input device name, device ID, device model and elevator amount. The elevator amount can not modify after saving. Please input correct number from beginning. To modify the amount, user need re-add a new hardware. The elevator amounts may affect MCU amounts, kindly refer to hardware manual for more configuration information.
- 3. Click [Save] to save the settings.

Elevator Setting	
Comm. Type	Parameter
Port	Port
OIP	СОМ1
	Baudrate
	19200
Device Name	
Device ID	
1	\$
Device Model	
HDE-200	*
Elevator Amount	
1	~
Highest Floor: 160	
Save Exit	

Select the controller, modify parameter

Operation Steps:

- 1. Select the controller on the left side.
- 2. Click [Read] to read back current parameter.
- 3. Modify the parameter.
- 4. Click [Save] and [Set] to saving and download the settings.

Parameter contents:

- Overwrite Swipe Card Records : User may select overwrite or do not store records or when stored records reach 90%, system will activate a warning alarm to remind user to retrieve records. Default is YES which signifies when stored records full, system may overwrite store records.
- Access without Valid Card : Allow user access by any card. Default is YES which is mainly for engineer maintenance or install testing before download cardholder authorization.
- Set Time : Input date and time by user.
- Time Sync : Synchronize time by PC
- Version : System will show hardware version.
- Polling ID : HDE-200 will save current slave device ID in the memory and polling with them continued.
- Activate Relay Time Function : Default is tick the box. When tick function, system may allow users to read and set MCU relay time.
- Active Unrestricted Time Function : Default is tick the box. When tick function, system may allow users to read and set unrestricted time schedule.

File Bair Access Control Attendance Recorder Elevision Pathing Image: Status Mathematic Recorder Elevision Add Uses Addateade 1% Protect Days on Days o
Image: Modify and Delete Image: Modify and Delete Image: Modify and Delete Image: Modify and Delete Image: Modify and Delete HDE-200N(172.16.42.03.3195@1) Overwite Style Cust Records Verwite Style Cust Records Verwite Style Cust Records Verwite Style Cust Records Verwite Style Cust Records Verwite Style Cust Records Verwite Style Cust Records Verwite Style Cust Records Version Polling ID Read Set Version Polling ID Version Set
■ HDE-200N(172.16.42.03:3195@1) Overwire Svipe Carl Records Yes Accose Without Valid Carl Yes 201400111311448 Set Time Time Sync Vesion Polling D Read Set Version Folling D Activete Relay Time Function
Login ADMIN Current opearion: Elevetor Setting Current Tune 2014/3/11 下午 01:14:50

7-6-2 Modify Parameter

There are two worksheets, Include Elevator Parameter and Reader Parameter.

Elevator Parameter

Operation Steps:

- 1. Select the elevator on the left side and Input elevator name.
- 2. Select open or close slave reader.
- 3. Set relay time. It is MCU relay action time. Default is 10 seconds.
- 4. Flooring setting :
 - Tick MCU check box to activate MCU. A MCU controls 16 floors.
 - Select the floor which user wants to modify and click [Modify].
 - Tick box of Start, which signifies to enable this floor. And user may define floor name, set access type and time schedule of this floor.

Elevator Q'ty (Reader Q'ty)	Control Floor Amount / per elevator	Max. MCU Q'ty	MCU ID
1	160	10	1,2,3,4,5,6,7,8,9,10
2	112	7	2,3,4,5,6,7,8
2	112	7	9,10,11,12,13,14,15
		4	3,4,5,6
3	64	4	7,8,9,10
		4	11,12,13,14
		3	4,5,6
4	48	3	7,8,9
		3	10,11,12
		3	13,14,15
		2	5,6
		2	7,8
5	32	2	9,10
		2	11,12
		2	13,14
6	16	1	6

		1	7
		1	8
		1	9
		1	10
		1	11
		1	7
		1	8
		1	9
7	16	1	10
		1	11
		1	12
		1	13
		1	8
		1	9
		1	10
	10	1	11
8	16	1	12
		1	13
		1	14
		1	15

5. Click [Modify] may modify the settings.

Floor Name : User-define the name

Access type:

- Card Swipe Disabled : For a specific time schedule, floors may access without card swiped. Do not refer to Holiday schedule.
- Disable Card Swipe on Holiday : Weekday may follow time schedule settings and close all floors in holiday.
- Card swipe on Holiday : Weekday may follow time schedule settings. And follow holiday schedule in the holiday
- Freedom : All floors may grant access without swiping a card

Time Schedule : Select unrestricted schedule or 63sets time schedule. (Refer to Elevator

Time Schedule Settings)

- 6. Click [Save] to saving the settings.
- 7. Go back to device main page and click [Set] to download the setting to controller.

HDE-200N Elevator [1]	Elevator Parame			_		_
HDE-200 Elevator [1]	Elevator Name Elev	vator_[1]	Relay Time(Sec) 10	^		
Elevator_[2]	Slave Reader		Node ID			
Elevator_[3]	Open	~	0,	16		
	-Flooring settin					
	Unique ID		Floor Name	_	MCU Node: 1 MCU Node: 2	
	1	V	[01]		MCU Node: 3	
	2		[02]	_	MCU Node: 4	
	4	 	[03] [04]	_	MCU Node: 6	
	4		[05]	_	MCU Node: 7	
	6		[06]	_	V MCU Node: 8 V MCU Node: 9	
	7		[07]		Modify	
	8	~	[08]		Flooring Info	
	9		[09]		☑ Start	
	10		[10]		Floor Name	
	11		[11]			
	12		[12]	_	Access Type Card Swipe Disabled	
	13	V	[13]	_	Time Schedule	
	14		[14]	_	Disable	
	15	 	[15]		OK	
	116	×	1161	10		

Note : There are two parameters in Elevator parameter worksheet, "Activate Relay Time Function" and 'Active Unrestricted Time Function".

Follow photo shows A part and B part :

→ When tick "Activate Relay Time Function", once click button [Polling ID], system may set and read A part parameter.

→ When tick "Active Unrestricted Time Function", once click button [Polling ID], system may set and read B part parameter.

New 🥩 Modify 🔩 Delete	: 🔛 Save			
HDE-200	Elevator Parameter Reader		1	
Elevator_[2] Elevator_[1]	Elevator Name Elevator_[1]	Relay Time (sec)	A	
	Slave Reader	Node ID		
	Open 🗸	0,16		
	- Flooring setting			7
	Unique ID Start	Floor Name	MCU Node: 2	
	1 🜌	[01]	MCU Node: 3 MCU Node: 4	
	2	[02]	MCU Node: 5	
	3	[03]	MCU Node: 6 MCU Node: 7	
	4	[04]	MCU Node: 8	
	5	[05]	_	В
	6 🔽	[06]		
	7 🗸	[07]	Modify	
	9	[08]	✓ Flooring Info ✓ Start	
	10	[10]	Floor Name	
	11	[11]	[01]	
	12	[12]	Access Type	
	13	[13]	Card Swipe Disabled	
	14	[14]	Time Schedule 1.09001800	
	15 💌	[15]	OK	
	16 🔽	แต		
	-			-

Reader Parameter

Operation Steps:

- 1. Select the elevator on the left side.
- 2. Modify the parameter directly.
- 3. Click [Save] and [Set] to saving and download the settings to reader.

Parameter contents:

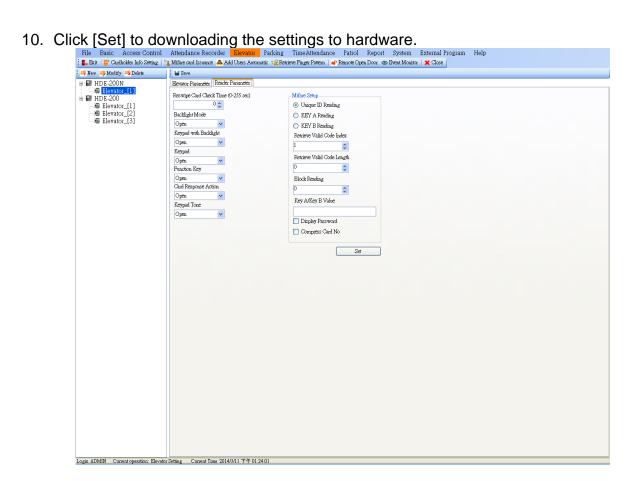
- Re-swipe Card Check Time (0~255 sec) : This is the time for checking the card repeatedly. As the time is set, when swiping the card more than once within a preset time, system will deny the access and make a beep sound. Default is 0 second.
- Backlight Mode : Open or close LCD backlight function.
- Keypad with Backlight : Open or close keypad backlight function.
- Keypad : Enable or disable keypad function.
- Function Key : Enable or disable function keys.
- Card Response Action : Enable or disable reading card function.
- Keypad Tone : Open or close keypad tone.

Mifare Setup : Allow the user to set the reading unique ID or block of slave reader.

Operation Steps:

Please modify follow parameter base on Mifare card information.

- 1. Unique ID Reading : Allow user read serial number only. When select this parameter, please ignore follow settings.
- 2. Key A Reading : Login by Key A value.
- 3. Key B Reading : Login by Key B value.
- 4. Retrieve valid code index : The index digit of retrieve valid card number.
- 5. Retrieve valid code length : how many digits you want to retrieve of valid card number. This parameter works hand in hand with "Retrieve valid code index".
- 6. Block Reading : Assigned read allotted block.
- 7. Key A/Key B Value : The value of allotted block
- 8. Display Password : When tick the box, Key A/Key B 's password will display on plain code
- 9. Compress Card No : Default is uncompressing card number. If need compress card number, please tick the check box.



7-7 Elevator Time Schedule Setting (HDE-200/200N)

Set time zone and time schedule. Definable 254 sets of time zone and schedule. User can design different group for flexible access control. Click [Modify] to start the setting.

Time Zone Setting:

- 1. Click [Modify] of time zone setting.
- 2. Input time (format : HHMM). Ex. : Time start from 0000 and 2359 for time end.
- 3. Click [Save] to save the setting. To delete data, please click [Cancel].

Time Schedule Setting:

- 1. Click [Modify] of time schedule setting.
- 2. Input time schedule name first. To set the time zone for each day, enter the time zone number (row number) with the desired time setting.
- 3. Click [Save] to save the setting. To delete the record, please click [Cancel].

			oliday Setting											
ne Z	one Sett	ing			T	ime Schedule	Setting							
odif	y Cano	el Save Cance	l Advance			Modify Can	cel Save Cancel							
	No	Start Time	End Time	<u>^</u>		No	Description	Mon	Tue	Wed	Thu	Fri	Sat	Sun
	1	00:00	23:59		Þ	1	1	2	2	2	2	2	1	1
	2	08:00	17:00			2	2	0	0	0	0	0	0	0
	3					3	3	0	0	0	0	0	0	0
	4					4	4	0	0	0	0	0	0	0
	5					5	5	0	0	0	0	0	0	0
	6					6	6	0	0	0	0	0	0	0
	7					7	7	0	0	0	0	0	0	0
	8					8	8	0	0	0	0	0	0	0
	9					9	9	0	0	0	0	0	0	0
	10					10	10	0	0	0	0	0	0	0
	11					11	11	0	0	0	0	0	0	0
	12					12	12	0	0	0	0	0	0	0
	13					13	13	0	0	0	0	0	0	0
	14					14	14	0	0	0	0	0	0	0
	15					15	15	0	0	0	0	0	0	0
	16					16	16	0	0	0	0	0	0	0
	17					17	17	0	0	0	0	0	0	0
	18					18	18	0	0	0	0	0	0	0
	19					19	19	0	0	0	0	0	0	0
	20					20	20	0	0	0	0	0	0	0
	21					21	21	0	0	0	0	0	0	0
	22					22	22	0	0	0	0	0	0	0
	23					23	23	0	0	0	0	0	0	0

Holiday Setting:

Holiday is meaning National holiday or specific date.

- 1. Click [New].
- 2. Input holiday date. Format is YYYYMMDD. Then set time zone by specifying the time zone number (row number) with the desired time setting.
- 3. Click [Save] to save the settings.

🖳 А	ccess Co	ntrol Time Sche	dule Setting						
G	Exit Pe	riodic Setting Ho	oliday Setting						
– Tim	e Zone Set	ting			-Holi	day Setting			
1	Modify	🔩 Cancel 🔡 Sa	ave 🕐 Cancel 🛛	Advance	1 📫	New 📑 Modify	🔩 Delete 📔	Save 🕐 Cancel	
	No	Start Time	End Time			No	Holiday	Time Schedule	
	1	08:00	17:00	=	▶	000000005	20170101	2	
	2	00:00	23:59		1		20110101		
	3	09:00	18:00						
	4								
	5								
	6								
	7								
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	12								
	13								
	14								
	15								
	16								
	17								
	18								
	19								
	20								
	21								
	22								
	23			-					
<u> </u>			1						

7-8 Elevator Cardholder Auth Setting (HDE-200/200N)

It defines cardholders' authorization and downloads to elevator control panel. An elevator provides a time schedule to a cardholder. Once modify time zone, system may base on new time zone and modify current time schedule simultaneously.

7-8-1 Group Authorization Setting

Operation Steps:

- 1. Click [New].
- 2. Input group name.
- 3. Click [Save] to save the setting.

File Basic Access Control Parking Time Attends Image: Bitit Image: Cantholder Info Setting Mifare setting Add User Group Auth Group Auth. Inquire Download Add User		
i 📫 New 👒 Delete 🥪 Modify Group Name	Authorization Setting	🏪 Etyport Cardholder 👌 Import Cardholder
	Record.0 Serail Time No Schedule Elevator	Record.0 Department Emp No Name
	No Schedule 2007001	
Login ADMIN Current opeartion: Elevator Cardholder	Auth Setting Current Time 2020-01-07 16:38:57	

4. Go to [Elevator Schedule]. Select time schedule and elevator, and then all floors belongs this elevator will appearance. Then select the floor which you want to authorize and click [Set], the check box will be ticked.

Hint: Speedy Selection: Press CTRL key and select floors by mouse or press SHIFT key and select doors successively by mouse.

5. Click [OK].

Group Auth Setting Group Auth Inquire Download	Authorizatio	n Setting				
Group Name			Delete Cardholder 🏪 Export Ca	urdholder 👌 Import Cardholder		
AA	Select Elevator Grou	p Schedule				
		ncel Time Schedule	Elevator Elevator_[1]		Name	
	🛛 🖾 Set 🗖 Reverse Selec					
	Floor/Mail Box/Lock	ter Status Setting		Â		
	[01] [02]	1		E		
	[03] ▼ [03]	1				
	[04]	1				
	05]	1				
	06]	1				
	07]	1				
	[08]	1				
	[09]	1				
	[10]	1				
	[11]					
	[12]					
	[13]					
	[14]					
	[15]					
	[17]					
	[1]			-		

- 6. Go to [Cardholder]. Tick the department then you will read cardholder list which belong the department. And then you can start to tick the cardholders.
- 7. Click [OK] to save the setting. If want to delete the cardholder authorization, please select the cardholder and click [Delete Cardholder].

After setting completed, click [Export Cardholder], system will produce a txt file base on the setting. The file only includes cardholder name and authority by department. This file may import to system and use for other group authorization

OK Cancel					
Department	Cardhol	der			
⊡- <mark>⊠ hundure06</mark> ⊘ ABC	🛛 🗹 Sel	ect All	🔲 Select Noné	e	
			Name	No	Ŀ
	1	V	David1	00001	ŀ
	2	V	David2	00002	
	3	V	David3	00003	
	4	V	David4	00004	
	5	V	David5	00005	
	▶6		David6	00006	
	7		David7	00007	
	8		David8	00008	
	9		David9	00009	
	10		David10	00010	
	11		David11	00011	
	12		David12	00012	
	13		David13	00013	
	14		David14	00014	
	15		David15	00015	
	16		David16	00016	
	17		David17	00017	
	18		David18	00018	
	19		David19	00019	
	20		David20	00020	
	21		David21	00021	

7-8-2 Group Authorization Inquire

Enquire user's access elevator authorization. Specify the range according to Group, door and User name. Report provides print function and can be converted to TXT or XLS format for other application.

Operation Steps:

- 1. Check dynamic drop-down menu, you will read group, time schedule and name.
- 2. Click [Search].

hou	ıp:		 Time Schedule: 		- Name: - Q Search
늘 📄 🔟 Title Group Auth Inquire					
	Group	Time Schedule	Elevator	Name	
	aa	1	[02]	DAVE13	
	aa	1	[02]	DAVE12	
	aa	1	[02]	DAVE11	
	aa	1	[02]	DAVE10	
	aa	1	[02]	DAVEI	
	aa	1	[01]	DAVE9	
	aa	1	[01]	DAVE7	
	aa	1	[02]	DAVE4	
	aa	1	[01]	DAVE8	
	aa	1	[02]	DAVE14	
	aa	1	[02]	DAVE15	
	aa	1	[01]	DAVE6	
	aa	1	[02]	DAVE3	
	aa	1	[01]	DAVE13	
	aa	1	[02]	DAVE5	
	aa	1	[02]	DAVE6	
	aa	1	[02]	DAVE7	
	aa	1	[02]	DAVE8	
	aa	1	[02]	DAVE9	
	aa	1	[03]	DAVEI	
	aa	1	[02]	DAVE2	
	аа	1	[01]	DAVE15	

7-8-3 Download

It is mainly to download users' authorizations to device.

Operation Steps:

- 1. There are two download methods. Tick "By Group Auth" or "By Device".
- 2. Select the Groups or devices which you want to download.
- 3. Download Type:
 - Download All : Download all users' information and authorizations.
 - Modification : Download modified users' information and authorizations.
 - Time schedule : Include time zone, time schedule and holiday schedule. Tick the check box when first downloading or time zones and schedules are modified.
- 4. Click [Download] to start the download.

				arking TimeAttendance?				Help		
			Add Users Automat	ic 🤹 Retrieve Finger Pattern 🛛 📥	PRemote Open Door 💿 l	Event Monitor	🗙 Close			
Group Auth Set	ting Group Auth Inquire									
test		HDE-200N HDE-200	(B)	Download All Modification Time Schedule						
	(A)		(6)	Download						
Select All		 Select All By Device 								
	C	rr Cardholder Auth Setting	Comp. 7100 0014	284 1777 01 21 10					# D %	

7-9 Hardware Settings (HDE-120/HAC-101)

This chapter includes Add Controllers, Communication Settings, Parameter Modification, Card Reader Settings, and Floor Settings

7-9-1 Add an Elevator Controller

Operating steps to add an elevator controller and set communication parameters :

- 1. Click "Add Elevator" then select the Comm. Type :
- Comm. Type : Select COM PORT or TCP/IP; If COM PORT selected, then select the COM Port the PC uses, Baud rate 19200 ; If TCP/IP selected, then enter IP address and Port Number
- 3. Enter Device Name, ID (Default 1)
- 4. Select the actual model no. according to actual device

	eAttendance <mark>Elevator</mark> Patrol Report System External Program Help Add Uses Automatic 😪 Retrieve Finger Patten 🔐 Remote Open Door 🐵 Event Monitor 🔀 Close
Add Elevator Add E	
	m Parameter Function Set Elevator Parameter Flooring setting
HWD	Add Device
EL Name	Comm. Type Parameter O Port IP
Communication T TCP/IP IP Address	P Port
Port	
	Device Name
	Device ID
	1 Device Model
	Save
Login ADMIN Current opeartion: Elevator Settir	1g Current Time 2018-07-06 17:48:10

7-9-2 Communication Settings

Set the communication mode between controller and PC Operating Steps :

- 1. Select the controller going to be modified
- 2. Click "Modified"
- 3. Modify the communication settings, e.g.: Comm. Type
 Device Name / ID ...etc.
- 4. Click "Save"

File Basic Access Control	Parking TimeAttendance Elevator Patrol Report System External Program Help
	Parking Time Attendance <mark>Elevator</mark> Patrol Report System External Program Help 🔨 Mifare setting 🌲 Add Users Automatic 😪 Retrieve Finger Pattern 🖝 Remote Open Door 👁 Event Monitor 🔀 Close
📫 Add Elevator 🥵 Modify 🔩 Delet	
HAC-101	HW Detail List Function Set System Parameter Elevator Parameter Flooring setting
	HW D - Comm. Type
	1 Port IP
	EL Name
	HAC-101 Port
	4660
ogin ADMIN Current opeartic	on: Elevator Setting Current Time 2018-10-17 11:11:51
5 op owned	
كسطمس مانمادمط بس	ou can move up or down the controller's sequence

5. If "Order" clicked, you can move up or down the controller's sequence
File Basic Access Control Parking Time Attendance Elevator Patrol Report System External Program Help
🕴 🛃 Exit 🗧 Cardholder Info Setting 🔨 Mifare setting 🐥 Add Users Automatic 🤹 Retrieve Finger Pattern 🔐 Remote Open Door 💿 Event Monitor 🗙 Close
🔋 🚅 Add Elevator 🥩 Modify 🔫 Delete 🔛 Sav <mark>e 🔢 Order </mark>
HW Detail List System Parameter Function Set Elevator Parameter Flooring setting
💀 Order
🕴 😁 Exit 🛉 Up 🖊 Down 🔛 Save

7-9-4 Function Set

To display the device's information and the time sync.function. Operating Steps :

- 1. Click "Read" to retrieve all information about the device's function
- 2. The window will show the contents of function, e.g. device model number, firmware version, number of valid cards...etc.
- 3. Click on Other information, system will show the number of cardholders and the number of card-swiping records.

	🖂 Mifare setting 🐣 Ad	ttendance <mark>Elevator</mark> Patrol Rep Id Users Automatic 🤹 Retrieve Finger Pattern		External Program Help Door © Event Monitor 🗶 Close
	≺ Mifare setting 🐣 Ac elete 🔛 Save ∥¢Order	ld Users Automatic 🤹 Retrieve Finger Pattern n. Set 🛛 System Parameter 🛛 Elevator Parameter 🗍	Remote Open Flooring setting Content HAC-101PM 1.4 40000 1 1 0	<u> </u>
Login ADMIN Current opear	19 21 22 23 24 27 32 33 33	No. of holidays schedules Max. Number of Digits (Valid Card) Max. Number of Digits (Password) Capacity for valid card to display message The size of the communication buffers (32Byte) Total Number of Relays Firmware Date No. of elevator floors	2 16 4 8 45 3 2018/04/09 64	

20-01	HW Detail List Fu	action Set System Parameter Elevator Param	neter Flooring setting	
IAC-101	Function Set			Time Sync.
	🕴 🐫 Read 🔳 Oth	er information		1
	Unique		<i>a</i>	
	D	Functionname	Content	2018/10/17 11:13:52
	▶ 2	Device Type	HAC-101PM	
	3	Firmware Version	1.4	Set Time
	4	Maximum no. 🕅 valid cards	40000	
	5	Maximum no. of swiped card records	40000	Read Time
	6	Number of Ethernet Ports	1	
	7	Number of RS-485 Posts	1	Time Sync.
	8	Number of RS-232 Ports	0	
	9	Automatic sorting burned the Mon	I-Vec) 1	
	10	Total number of do Hint		X
	11	Number of reader		
	16	AntiPassback The p	umber of valid cards: 3	2
	16		umber of transactions	
	18	No. of time zones		
	19	No. of holidays sch		
	21	Max. Number of D		ок
	22	Max. Number of D		
	23	Capacity for valid care to enspiray message	: 0	
	24	The size of the communication buffers (3	2Byte) 45	
	27	Total Number of Relays	3	
	32	Firmware Date	2018/04/09	
	33	No. of elevator floors	64	

Other Parameters :

Read Time : To retrieve the current time from the device. If retrieved successfully, it will show "read successful" and the current time

year-month-day-hour-minute-second

Set Time : Perform time calibration according to entered time

Time Sync. : Perform time Sync according to the PC clock

7-9-4 System Parameters(Only for HAC-101 Series)

To modify the device's parameters: Operating Steps :

- 1. Select the controller to be modified
- 2. Click "Read" to retrieve the current setting values.
- 3. Modify the parameter setting values
- 4. Click "Set" to make the modifications take effect

Parameter Functions are as below:

[UI Parameters]

- •Language Options :
 - English : LCD displays English
 - Traditional Chinese : LCD displays Traditional Chinese
 - Simplified Chinese : LCD displays Simplified Chinese

[Date Format] To select the desired date format

- •YYYY/MM/DD : LCD displays date format in Year/Month/Day
- MM/DD/YYYY : LCD displays date format in Month/Day /Year
- DD/MM/YYYY : LCD displays date format in Day/Month /Year
- •YYYY-MM-DD : LCD displays date format in Year/Month/Day
- MM-DD-YY : LCD displays date format in Month/Day /Year
- DD-MM-YY : LCD displays date format in Day/Month /Year

[LCD Backlight Mode]

• LCD Backlight Mode

 $\mathsf{Auto}:\mathsf{When}\xspace$ swipe a card or press the keypad, the LCD backlight will be activated

- Open : LCD Backlight always stays on
- Close : LCD Backlight always stays off

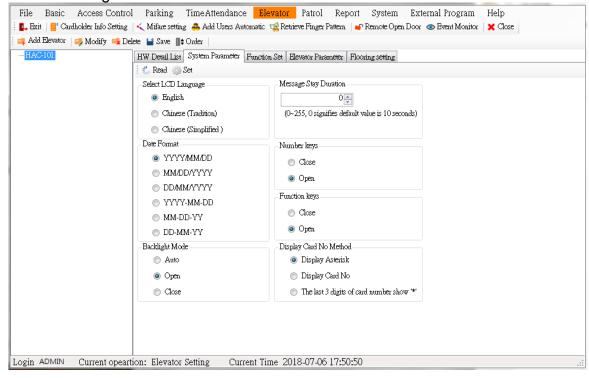
[Message Stay Duration] The amount of time that the message will stay on LCD (1~255 seconds - 0 means the default value 10 seconds)

[Number Keys] Enable or Disable the function of number keys

[Function Keys] Enable or Disable the function of "function key" ("Enable" by default to make the function keys F1/F2/F3/F4 operable)

[Display Card No. Method] Select the way to display on LCD after swiping a card

- To display asterisks "*"
- To display the card number
- The last 3 digits of card numbers show "*"



7-9-5 Elevator Parameter

Allows to modify the device's parameters for access control function Operating Steps :

- 1. Select the desired controller to modify
- 2. Click "Read" to retrieve the current setting values
- 3. Modify parameter setting values
- 4. Click "Set" to make the modifications take effect

Exit Cardholder Info Setting Add Elevator Modify Delet Save Order 120-01 HW Detail List Function Set System Parameter Haccioi HW Detail List Function Set System Parameter Elevator Parameter Elevator button activation time (Sec) 4 Alarm Action Time(Sec) 1 Door Sensor Detection Time(Sec) Door Sensor Detect Mode Buzzer	
---	--

HAC-101 Function parameters are as below:

Elevator Parameters :

[Elevator button activation time (Sec.)]: Set the door open time of floor. The default is 4 seconds.

[Alarm Setting]

- Alarm Mode :
 - Pulse (Second) : It will return to original state after a pre-set duration
 - Toggle : If an Alarm Relay is triggered, it needs to be triggered again to restore
 - Latch : It will not return to original state until the disarm code entered
- Alarm Action Time : The amount of time for Alarm Relay to act. The default value is 1 second.

[Activate Case Sensor] To enable or disable case sensor. The default is disabled. If

HUNDURE

enabled, the device will sound warning beeps if the device is sabotaged. To deactivate the alarm (warning beeps), the disarm code has to be entered.

[Door Sensor Status] Select the door sensor to be Short-Circuit Action, Open-Circuit action or Disabled(Default)

[Door Sensor Detection Time(sec.)] Set the amount of time to start detecting door left open. The set time starts from the end of door unlocking duration. The default value is 0 seconds. The function needs to be activated to make the door left open function take effect

[Door Sensor Detect Mode] Select the alarm (warning signal) to be issued from buzzer in reader or from an external alarm \circ The default is from Reader Beep \cdot and need to work with "Door Sensor Detection Time"

e.g : Set the relay time to be 4 seconds, the alarm action time (duration) to be 5 seconds, Door sensor detection time to be 10 seconds, door sensor detect (alarm) mode to be "Alarm relay".

Description: When door unlocks, in a normal state, the door will relock after 4 seconds; If the door left open or the door can't be relocked with 4 seconds, the system will start counting the time and the alarm will be triggered after 10 seconds if the door is still left open. The alarm goes off for 5 seconds through an external alarm.

Door control devices :

- Save Invalid Card Records : Tick it to save invalid card records
- Activate Alarm Under Duress(Code) : Tick it to activate alarm under duress to unlock
- Keypad Lockdown Function Time Schedules : None or 1~128 time schedules; Set a certain time schedule to lock down the keypad
- Primary Reader Password Check Time Schedules : None or 1~128 time schedules; set the time schedules for primary reader requiring to press password.
- Master Card : Master card number to enter programming mode (Default 30191000);
 Please refer to user manual for the programming mode
- Disarm Code : Disarm code to deactivate the alarm triggered under duress or external destruction; The default value is 0000 °
- Duress Code : Press the Duress code to unlock door but also activate a (silent) alarm at the same time; The default value is 1190
- Re-swipe card check time (Sec.) : Within the preset duration, if a card is swiped twice, then the second card-swipe will be deemed void and won't be recorded but will make an error sound. The default time (duration) is 0 seconds, but the longest duration can be set 255 seconds

[Card Swipe Modes]

- Card-Swipe Only : Only swipe a card to unlock
- Card-swipe /Code (Key Press) : Swipe a card or press keys to unlock
- Card-swipe and Password : Swipe a card and enter the password to unlock.
 However, if the password is not built in the cardholder's profile, swiping a card still can unlock the door.

File Basic Access Control Parking Time Attendance Elevator Patrol Report System External Program Help
🔋 🖺 Bitit 📑 'Cardholder Info Setting 🔨 Mifare setting 🐥 Add Users Automatic: 🤹 Retrieve Finger Pattern 🛶 Remote Open Door 🐵 Event Monitor 🗙 Close
📪 Add Elevator 🥵 Modify 🔩 Delete 🔛 Save 👖 Order
12001 HAC-101 HAC-101
🕺 🖏 Read. 🤬 Set
Elevator mode
Normal mode
Manually call elevator car (48 floors); Automatically call elevator car (48 floors)
Manually call elevator car (48 floors); Automatically call elevator car (48 floors) by card swipe
Elevator Parameter Setting
Elevator button activation time (Sec)
10 (5)
The lobby floor
Save Invalid Card Records
Login ADMIN Current opeartion: Elevator Setting Current Time 2018-10-17 11:46:37

HDE-120 Function parameters are as below:

[Normal mode] : Manually call elevator car (96 floors)

[Manually call elevator car (48 floors); Automatically call elevator car (48 floors)]:

The system provides manual or automatic call elevator functions of 48 floors (the number of floors is reduced to 48). The automatic call function needs to be used with CMR-66 to control 48 floors. When the floor level is selected from CMR-66, the elevator will arrive at the selected floor level.

[Manually call elevator car (48 floors); Automatically call elevator car (48 floors) by card swipe]: The system provides manual call car function of 48 floors or automatic call elevator by swiping card function of 48 floors (the number of floors is reduced to 48). In the automatic call by swiping card function, after swiping card, the authorized floor level can be selected according to the card authorization.

Elevator Parameter Setting :

[Elevator button activation time (Sec.)] : That is relay activation time. (the default is 10

seconds).

[The lobby floor] : Floor 1~48 can be selected.

[Save Invalid Card Records] : When the check box is ticked, the invalid card records are saved.

7-9-6 Floor Settings

Provides the modifications of floor settings

Operating Steps :

- 1. Select the elevator name first
- 2. Click "Read" to retrieve the current settings
- 3. Enter each floor's name. Decides whether to restrict access on holidays and whether the floor is activated by ticking the checkbox.

Note: Unrestricted Setting indicates the time period is specified and holiday control is ticked. This means the area is unrestricted in the specified time period; you can swipe your card to press the floor button. During holidays, the area is unrestricted at the time period set by Universal Holiday Setting.

4. Click "Set" to take effect

File Basic Access Conti	rol Pa	arking	Time Attenda	ance Elevator	Patrol Repo	rt Systei	em External Program Help
🛛 🛃 Exit 🛛 📑 Cardholder Info Settin	g 🔨 M	lifare settin	ng 🐣 Add Users	s Automatic 🕵 Retrie	ve Biometric Charac	teristics 🝯	🛿 Remote Open Door 🛛 👁 Event Monitor 🛛 🗙 Close
📫 Add Elevator 🧊 Modify 📑 I	Delete 💾	Save 📑	🗘 Order				
-HDE-120	HW	Detail List	Function Set	System Parameter 🛛 Ele	vator Parameter F	looring setting	ng
HAC-101	Sec.	Read 🌼	Set 🗹 Enable	All 🔲 Disable All			
		No	Floor Name	Unrestricted Setting	Holiday Access	Start	
	•	1	Lobby	24H	-		
		2	NoName	None	-		
		3	NoName	None	-		
		4	NoName	None	-		=
		5	NoName	None	-		
		6	NoName	None	-		
		7	NoName	None	<u>-</u>		
		8	NoName	None	<u> </u>		
		9	NoName	None	-		
		10	NoName	None	-		
		11	NoName	None	-		
		12	NoName	None	-		
		13	NoName	None	-		
		14	NoName	None	-		
		15	NoName	None	<u> </u>		
		16	NoName	None	-		
		17	NoName	None	<u> </u>		
		18	NoName	None	<u> </u>		
		19	NoName	None	<u> </u>		
		20	NoName	None	<u> </u>		
		21	NoName	None	-		
		22	NoName	None	-		
		23	NoName		-		
Login ADMIN Current opea	artion: 1	Elevator	Setting (Current Time 202	0-08-07 11:00:2	27	

7-10 Elevator Time Schedules Settings (HDE-120/HAC-101)

7-10-1 Time Zones / Time Schedules Settings

Provides 1~128 time zones & time schedules for setting and allows free combinations. You must click "Modify" first before performing settings

Operating steps for setting time zones :

- 1. In time zone setting, press "Modify"
- 2. In the No. 1of the time zone, enter start time 0000 and end time 2350 (Time format: Hour Minute)
- 3. If the time is not continuous, please click "Advanced". One day can be divided into 8 sections at most.
- 4. Click "Save"; if you would like to clear the settings to start over again, you can click

"Cancel"

Timo	Zone S	e Setting			Time Schedule Setting									Holid	ay Setting	
			🖬 Save 😈 Cancel		Inne Schedule Setting IIII → Modify III Cancel III	Save 😈 C	ancel								lew 🥵 Modii	fy 🛸 Del
	No	Time Start	Time End	Time Zone Se		X Tue	Wed	Thu	Fri	Sat	Sun	Universal Holiday Setting		•	No 0000000001	Holiday
_	0	00:00	23:59	📲 Exit 🖬 Sa	ve	1	1	1	1	0	0	2	=			
	1	08:00	17:00	Time Zone:1		0	0	0	0	0	0	0	-			
	2	09:00	18:00	1: 08:00	- 17:00	0	0	0	0	0	0	0				
	3	00:00	00:00			0	0	0	0	0	0	0				
	4	00:00	00:00	2:		0	0	0	0	0	0	0				
	6	00:00	00:00	3:	-	0	0	0	0	0	0	0				
	7	00:00	00:00	4:	-	0	0	0	0	0	0	0				
	8	00:00	00:00	5:	-	0	0	0	0	0	0	0				
	9	00:00	00:00	6:	-	0	0	0	0	0	0	0				
	10	00:00	00:00	7:		0	0	0	0	0	0	0				
	11	00:00	00:00			0	0	0	0	0	0	0				
	12	00:00	00:00	8:		0	0	0	0	0	0	0				
	13	00:00	00:00			0	0	0	0	0	0	0				
	14	00:00	00:00			0	0	0	0	0	0	0				
	15	00:00	00:00			0	0	0	0	0	0	0				
	16	00:00	00:00		16 16	0 0	0	0	0	0	0	0				

Operating steps for setting time schedules :

- 1. In time schedule setting, please click "Modify"
- Enter the time schedule name / description in the field, e.g.: 24-hour control. Fill out "0" from Mon. ~ Sun. The number "0" filled out here corresponds to the number "0" in time zone list
- 3. "Universal-type device holiday setting" : Enter the holiday time schedules for universal-type device in this field for the control basis on holidays.
- 4. Click "Save"; If you would like to clear the settings to start over again, you can click

	xit																	
Fime 9	Schedul	le Setting																
Time	Zone	Setting				Time Scl	hedule	Setting										-Holiday S
	Modify	/ 🔜 Cancel	🖬 🖬 Save 😈 Ca	ncel 🔳 Advance		🚚 Mo	dify =	🖌 Cancel 💧	l Save	UC	ancel							i 📫 New
	No	Time Start	Time End		ĥ	I	No E	Description	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Universal Holiday Setting	^	
_	0	00:00	23:59			• 1	1		1	1	1	1	1	0	0	2		
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	2	09:00	18:00			3			0	0	0	0	0	0	0	0		
	3	00:00	00:00			4			0	0	0	0	0	0	0	0		
	4	00:00	00:00			5			0	0	0	0	0	0	0	0		
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	6	00:00	00:00			7				0				0				
	7	00:00	00:00				· ·		0	0	0	0	0	0	0	0		
	8	00:00	00:00			8	-		0	0	0	0	0	0	0	0		
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	10	00:00	00:00				.0 1		0	0	0	0	0	0	0	0		
	11	00:00	00:00				.1 1		0	0	0	0	0	0	0	0		
	12	00:00	00:00				.2 1		0	0	0	0	0	0	0	0		
	13	00:00	00:00				.3 1		0	0	0	0	0	0	0	0		
	14	00:00	00:00				.4 1.		0	0	0	0	0	0	0	0		
	15	00:00	00:00				.5 1		0	0	0	0	0	0	0	0		
	16	00:00	00:00			1	.6 1	6 7	0	0	0	0	0	0	0	0		

7-10-2 Holiday Setting

The holiday setting function is used to set national holidays or specific holidays Operating Steps :

- 1. Click "New" to add an holiday
- 2. Enter the holiday date. Date format : YearMonthDay. e.g.: 20180101 .
- 3. Click "Save"

Tire -	Schedule : e Zone Set				Tir-	e Schedul	e Cettin a										Holiday Setting
		ncel Save Can	and defenses				e setung meel Save Cand	1									New Modify Save Delete Cancel Pixed Holidays
nio	No No				: 101	coury Ca	nder save Cano	21		_							
•	0	Time Start	Time End 23:59	ĥ		No	Description	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Universal Holiday Setting	Â	No Holiday 0000000001 20180101
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	2	00.00	00.00		Ľ	- 2	24H	0	0	0	0	0	0	0	0		
	3	00:00	00:00			3	3	0	0	0	0	0	0	0	0		
	4	00:00	00.00			1	4	0	0	0	0	0	0	0	0		
	5	00:00	00.00			5	5	0	0	0	0	0	0	0	0		
	6	00:00	00:00			6	6	0	0	0	0	0	0	0	0		
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	19	00:00	00.00	Ŧ		19	19	0	0	0	0	0	0	0	0	Ψ.	

Notice :

In time schedule setting, if the field of universal-type device holiday setting is entered with the time zone number, it will become the basis of the universal-type device holiday settings. e.g.: In the time schedule seting, if you entered "1" (9-18) in the fields, entered "0"(00:00~23:59) in the field of universal-type device's holiday settings and entered 20180101 in holiday setting, the universal-type device will deem 20180101 as a holiday and the time schedule will be "0"(00:00~23:59).

	hedule	Cotting																		
me	Zone Se			_	Time	Schedule	Setting									_	Holida	ay Setting		
Mod	ify Ca	ncel Save Can	cel Advance		Mod	lify Ca	ncel Save Cand	zel									New	Modify Save	Delete Cancel	Fixed Holidays
	No	Time Start	Time End			-			-	-	-		-	-	Universal	1		No	Holiday	
	0	00:00	23:59			No	Description	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Holiday Setting		Þ	0000000001	20180101	
	1	09.00	18:00	E	•	1	9-18	1	1	1	1	1	0	0	0	Ξ				
	2	00:00	00:00			2	2411	0	0	0	0	0	0	0	0					
	3	00:00	00:00			3	3	0	0	0	0	0	0	0	0					
	4	00:00	00:00			4	4	0	0	0	0	0	0	0	0					
	5	00:00	00:00			5	5	0	0	0	0	0	0	0	0					
	6	00.00	00:00			6	6	0	0	0	0	0	0	0	0					
	7	00:00	00:00			7	7	0	0	0	0	0	0	0	0					
	8	00.00	00:00			8	8	0	0	0	0	0	0	0	0					
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	16	00:00	00:00			16	16	0	0	0	0	0	0	0	0					
	17	00:00	00:00			17	17	0	0	0	0	0	0	0	0					
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	19	00:00	00:00	-		19	19	0	0	0	0	0	0	0	0	÷				

4. If the holiday date is fixed per year, then you can use the the function "Fixed Holiday" and enter the holiday date. The date format is "MonthDay" e.g.: 0228

me (Zone Set	ting			Time	Schedule	e Setting										Holiday Setting		
		ncel Save Can	cel Advance				ncel Save Can	el									New Modify Save I	Delete Cancel 🔽 Fin	red Holidays
	No	Time Start	Time End												Universal		No	Holiday	
	0	00.00	23:59			No	Description	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Holiday Setting			0228	
	1	09:00	18:00	E		1	9-18	1	1	1	1	1	0	0	0				
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	3	00.00	00.00			3	3	0	0	0	0	0	0	0	0				
	4	00:00	00.00			4	4	0	0	0	0	0	0	0	0				
	5	00:00	00:00			5	5	0	0	0	0	0	0	0	0				
	6	00:00	00:00			6	6	0	0	0	0	0	0	0	0				
	7	00:00	00:00			7	7	0	0	0	0	0	0	0	0				
	8	00.00	00.00			8	8	0	0	0	0	0	0	0	0				
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	20	00:00	00:00			20	20	0	0	0	0	0	0	0	0	÷			

7-11 Elevator Authorization Settings (HDE-120/HAC-101)

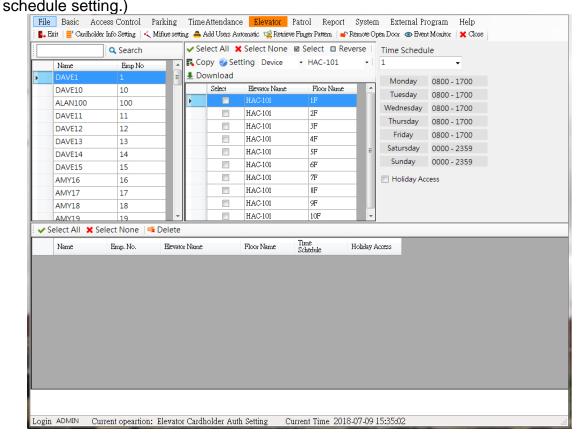
This function is to set individual's elevator floor authorizations and download to controller. Each cardholder can has only one time schedules for each elevator. Therefore, if the new time schedule is applied while setting a new floor authorization, the original time schedules will be changed to the new one.

7-11-1 Add elevator authorizations

Add individual's elevator authorizations:

Operating Steps :

- 1. Select the cardholder. You can enter the cardholder's name and click "Search"
- 2. Select the desired elevator name from the drop-down list
- 3. Select the floors that allow access. You can use "Select All" or "Select None" Tabs
- 4. Select the time schedule, the timeslots of each day of week will come out in the below for preview.
- 5. Select whether to restrict the holiday. If the holiday settings have been configured, the holiday rules will be followed accordingly. (This function is not supported, the holiday restrict set of this model needs to be set by the Universal Holiday Setting in the time



6. Click "Setting" to show the authorizations you just set in the below. You can also click "Delete" (or press Ctrl & Shift) to delete the authorizations.

Q. Search Select All X Select None Z Select Reverse Time Schedule Name Emp No Ecopy Setting Device + HAC-101 1 DAVE1 1 Download Monday 0800-1700 DAVE10 100 Select Elevator Name Floor Name Monday 0800-1700 DAVE11 11 Select Elevator Name Floor Name Floor Name Monday 0800-1700 DAVE12 12 HAC-101 8F Floor Name Holiday Access DAVE13 13 Is Is HAC-101 10F Satursday 0000 - 2359 Sunday	Iame Emp No I Monday 0800 - 1700 AVE10 10 I I Monday 0800 - 1700 AVE10 10 I I Inset and the second s
Name Eng No Elevator Name Floor Name Monday 0800 - 1700 DAVE10 100 50000.00.00.00.00.00.00.00.00.00.00.00.0	Land Ling No. Bownload AVE1 1 AVE10 10 LAN100 100 AVE11 11 AVE12 12 AVE13 13 AVE14 14 AVE15 15 MY16 16 MY17 17 MY18 18 MY19 19 19 19 AVEI 1 HAC-101 SF Bane Eng. No. Bevator Name Floor Name Time AVE14 1 HAC-101 MY16 16 MY17 17 MY18 18 MY19 19 19 1 HAC-101 SF I HAC-101 SF I Holiday Access
DAVE10 10 ALAN100 100 DAVE11 11 DAVE12 12 DAVE13 13 DAVE14 14 DAVE15 15 AMY16 16 AMY17 17 AMY18 18 AMY19 19 DAVE1 HAC-101 SF I I	AVE10 10 LAN100 100 LAN101 100 AVE11 11 AVE12 12 AVE13 13 AVE14 14 AVE15 15 MY16 16 MY17 17 MY18 18 MY19 19 Exct All X Select Name Floor Name Floor Name Time Schedule AVEI 1 HAC-101 %F HAC-101 10F W18 18 MY18 18 MY19 19 HAC-101 SF Iame Eng. No. Elevator Name Floor Name Floor Name Time Schedule Holiday Access AVEI 1 HAC-101 SF I HAC-101 SF I AVEI 1 HAC-101 SF I HAC-101 SF I
ALAN100 100 DAVE11 11 DAVE12 12 DAVE13 13 DAVE14 14 DAVE15 15 AMY16 16 AMY17 17 AMY18 18 AMY19 19 DAVE1 Image: None (None (Noo (Noo (Noo (None (None (Noo (Noo (None (Noo (Noo (No	LAN100 100 AVE11 11 AVE12 12 AVE13 13 AVE14 14 AVE15 15 MY16 16 MY17 17 MY18 18 MY19 19 Image: Select None Elevator Name Floor Name Time Schedule AVEI 1 HAC-101 SF J HAC-101 MY16 1 HAC-101 10F MV18 18 MY19 19 HAC-101 SF J HAC-101 Schedule Holiday Access
DAVE11 11 Image: constraint of the second seco	AVE11 11 II III III III III III III IIII IIIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
DAVE12 12 Image: start of the start of	AVE12 12 HAC-101 8F Friday 0800 - 1700 AVE13 13 HAC-101 9F Satursday 0000 - 2359 AVE14 14 HAC-101 10F Satursday 0000 - 2359 MY16 16 HAC-101 10F Satursday 0000 - 2359 MY17 17 HAC-101 10F Holiday Access MY19 19 Holiday Access Holiday Access AVE1 HAC-101 SF I AVE1 1 HAC-101 4F 1
DAVE13 13 Image: Second seco	AYEI3 13 Imacholic 9r AYEI4 14 Imacholic 10F AYEI5 15 Imacholic 10F MY16 16 Imacholic 10F MY17 17 Imacholic Imacholic MY19 19 Imacholic Imacholic Act All X Select None Imacholic Floor Name Time Schedule AVEI 1 HAC-101 SF AVEI 1 HAC-101 4F
DAVE14 14 DAVE15 15 AMY16 16 AMY17 17 AMY18 18 AMY19 19 elect All X Select None Elevator Name Floor Name Floor Name Holiday Access DAVEI HAC101 SF 1 DAVE1 HAC101 J HAC101 J HAC101 J HAC101 J HAC101 J HAC101 J HAC101	AVE14 14 AVE15 15 MY16 16 MY17 17 MY18 18 MY19 19 Vett All X Select None Delete Rame Emp. No. Elevator Name Floor Name Time Schedule Holiday Access AVEI 1 HAC-101 SF 1 AVEI 1 HAC-101 4F 1
DAVE15 15 AMY16 16 AMY17 17 AMY18 18 AMY19 19 elect All X Select None Select Name Floor Name Time Schedule Name Emp. No. Elevator Name Floor Name Time Schedule Holiday Access DAVE1 1 HAC-101 5F JAMVE1 1 HAC-101 3F I I	AVE15 15 MY16 16 MY17 17 MY18 18 MY19 19 Vet All X Select None Select Name Enp. No. Elevator Name Floor Name Schedule AVEI 1 HAC-101 5F I AVEI I HAC-101
AMY17 17 AMY17 17 AMY18 18 AMY19 19 elect All ★ Select None ▶ Delete Name Emp. No. Elevator Name Floor Name Time Schehule Holiday Access DAVEI I HAC-101 5F I I DAVEI 1 HAC-101 3F I I	MY17 17 MY18 18 MY19 19 stat Time sctt All X Select None Select None Imme Emp. No. Elevator Name Floor Name Floor Name Holiday Access AVEI I HAC-101 SF I HAC-101 4F I
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Name Emp. No. Elevator Name Floor Name Time Schedule Holiday Access DAVEI 1 HAC-101 5F 1 - DAVEI 1 HAC-101 4F 1 - DAVEI 1 HAC-101 3F 1 -	Imme Emp. No. Elevator Name Floor Name Time Schedule Holiday Access AVEI 1 HAC-101 5F 1 I AVEI 1 HAC-101 4F 1 I
DAVEI I HAC-101 SF I I DAVEI 1 HAC-101 4F 1 I DAVEI 1 HAC-101 3F 1 I	AVEL 1 HAC-101 5F 1 I AVEL 1 HAC-101 4F 1 I
DAVEI 1 HAC-101 4F 1 I DAVEI 1 HAC-101 3F 1 I	AVEI 1 HAC-101 4F 1
DAVEI 1 HAC-101 3F 1	
DAVEI 1 HAC-101 2F 1	AVEI I HACTOI JP I
DAVEI 1 HAC-101 IF 1	AVEI 1 HAC-101 IF 1

- 7. If "Copy" clicked, it can be copied to other cardholders
 - Ignore cardholders who already has authorizations : Skip those cardholders who already have authorizations.
 - Keep original and add extra authorizations: If the cardholders already have authorizations, the system will check to overwrite the repetitive part and add the new ones if there is no repetition.
 - Fully Overwrite : Delete all existing authorizations and apply the new authorizations.

Copy from:1,DAVE1	Autor W
Save Cancel	 Ignore cardholder who already has authorization Keep original and add extra authorizations Fully Overwrite Cardholder
	Select All Select None Select Reverse Name

- 8. Click "Download" to enter the download screen
 - Download elevator : Select to download to all elevators (controller) or to specific elevators (controllers) by clicking the desired controllers HDE-100 .
 - Download Type : Select "Modification" for differential download or select "Download all" for all download
 - Download Option : Select the desired items to download. You can tick "Select All" or tick the specific items to download, such as authorizations, time zone, time schedule or holiday
 - Click "Download" to start download.

Floor Group auth. Setting		Transfer Mark (1988)	
🔂 Exit			
 Download All Download to Specific Elevator 	Oownload type Modification Download All	Download Option Select All Authorization	 Time Zone Time Schedule Holiday
Download Stop	Message		
Elevator Download			
▶ 120-01			
HAC-101			

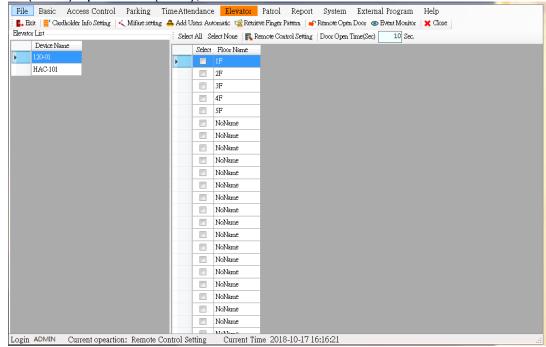
7-12 Elevator remote unlock (HDE-120/HAC-101)

It provides the remote unlock function for choice. (HAMS-10 supported models do not support this function)

Operating steps :

- 1. Select the elevator
- 2. Select the floors; Select remote unlock

3. Door (Floor) open time (Sec.); Default is 30 seconds



7-13 Elevator Authorization Overview (HDE-120/HAC-101)

To display an elevator's authorization report. It can be searched by employee's name, card number and has the functions to preview, print out, and export data in TXT, XLS format.

Nan	ne	Card No		Search 블 🗎 🗵	📴 Exit	
	Card No	Emp No	Name	Device Name	Dep Name	FloorLevelAuthoriz
•	10	10	DAVE10	HAC-101	RD	5F
	10	10	DAVE10	HAC-101	RD	4F
	10	10	DAVE10	HAC-101	RD	3F
	10	10	DAVE10	HAC-101	RD	2F
	10	10	DAVE10	HAC-101	RD	1F
	1	1	DAVE1	HAC-101	RD	5F
	1	1	DAVE1	HAC-101	RD	4F
	1	1	DAVE1	HAC-101	RD	3F
	1	1	DAVE1	HAC-101	RD	2F
	1	1	DAVE1	HAC-101	RD	1F

7-14 Elevator Setting (HDE-970)

Include add new controller, set communication, modify parameter, reader and floor setting. Note: The HAMS program only supports the elevator function, not the registered mail voice function.

7-14-1 Add HDE-970

Operation Steps:

- 1. Click [New], and then select communication type.
- 2. Input device name, device ID, device model.
- 3. Click [Save] to save the settings.

Add Device					
Comm. Type Port IP	Parameter Port COM1 • Baudrate 19200 •				
Device Name HDE-970					
Device ID					
1 Device Model					
HDE-970PM-R					

7-14-2 Modify Parameter

Include modify Parameter1, Parameter 2, Time Schedule Setting, Conditional Unlock, Mifare Parameter and Advanced.

Parameter 1

Operation Steps:

- 1. Select the controller on the left side.
- 2. Click [Read] to read back current parameter.
- 3. Modify the parameter.
- 4. Click [Save] and [Set] to saving and download the settings.

[LCD Display Date]

- •YYYY/MM/DD: LCD displays Year/Month/Day.
- •MM/DD/YYYY: LCD displays Month/Day/Year.
- •DD/MM/YYYY: LCD displays Day/Month/Year.

[LCD Status Setup]

Backlight Mode:

- Auto: When swipe card or press keypads, the LCD backlight will activate automatic.
- Open: Always activate of LCD backlight.
- Close: Always inactivate of LCD backlight.
- Return to Ready Status (Sec.): The duration of return to ready status after swiping card.

[Management Mode]

- Floor Management
- Mailbox Management
- Cabinet Management

All settings are same however what kind management mode you selected.

[Keypad Setup]

- Enable Number key: Tick the check box then keypad is enabled.
- Enable Function key: Tick the check box; function keys F1/F2/F3/F4 will be enabled.

Keypad with Backlight

Auto: When swipe card or press keypads the keypad backlight will activate automatic.

Open: Always activate of keypad backlight.

Close: Always inactivate of keypad backlight.

[Retrieve Valid Code]

- Index: The index digit of retrieve valid card number.
- Length: How many digits you want to retrieve of valid card no.
 Ex: Card No. is 1234567890, valid code index is 2, length is 6. The retrieve valid card no. will be 234567. Please note, in cardholder information, the card no. should be 234567 too, otherwise the relay will not activated.

[Compress Valid Code]

- Index: The index digit of compare valid card number.
- Length: How many digits you want to compare.

Ex: Card No. is 1234567890, if compare index is 1, compare length is 3. Valid cards with number starting with 123 will be granted access.

[Select LCD Language]

- English: LCD displays English.
- Chinese (Tradition): LCD displays Tradition Chinese.
- Chinese (Simplified): LCD displays Simplified Chinese.

[Set Time]

- Set Time: Input date and time by user.
- Time Sync: Synchronize devices time by PC.
- Version: Read device version

70PM-R	Parameter1 Parameter2 Time Schedule Setting Conditional Unlock Mifare Parameter Advanced						
	LCD Display Date	Retrieve Valid Code					
	YYYYMM/DD	Index					
		1					
	MM/DD/YYYY	Length					
	DD/MM/YYYY						
	LCD Status Setup	Compress Valid Code					
	Backlight Mode	Index					
	 Auto 	0					
	Open	Length					
	Close						
	Return to Ready Status(Sec)						
		8 Select LCD Language					
	Management Mode	Inglish					
	Floor Management	 Chinese (Tradition) 					
	Keypad Setup	 Chinese (Simplified) 					
	Enable Number Key	HDE-970PM-R(COM1:19200@1)					
	Enable Function Key						
	Keypad with Backlight	2022/01/11 13:01:48					
	 Auto 	Version Time Sync					
	Open						
	Close	Read Set					

Parameter 2

Operation Steps:

- 1. Select the controller on the left side.
- 2. Click [Read] to read back current parameter.
- 3. Modify the parameter.
- 4. Click [Save] and [Set] to saving and download the settings.

[Sensor NC/NO]

Fire Control Sensor

- N.C: Sensor active level is NC.
- N.O: Sensor active level is NO.

[Case Sensor Alarm]

• Activate Buzzer: Activate buzzer when controller tampers proof.

[Fire Detection]

- Disable: Disable this function.
- Enable: Enable this function.

[Master/Disarm]

- Master Card: required to enter command mode of controller. (Default is 30191000). Kindly refer to hardware manual.
- Disarm Code: When alarm happens, it can be deactivated if the disarm code is entered. Default code is 0000.

[Alarm relay Setup]

- Pulse (Second): It will return to original position within the time you set.
- Toggle: Alarm relay will not return to original position until alarm relay has been activated again.
- Latch: It will not return to original position until disarm code has been entered.

[MCU-0016 Setup]

- Relay Pulse Time: MCU relay activation time. Default is 4 seconds.
- Relay Status:
 - Off: Inactivated.
 - On: Activated.

Toggle: It will change the relay condition after ever time being activated. Pulse: It will return to original position within the time you set.

File Basic Access Control	Parking TimeAttendance Elevator Patrol Report System External Program Help
🕴 💶 Exit 🛛 📑 Cardholder Info Setting 📔	🔍 Mifare setting 🚑 Add Users Automatic 🦙 Retrieve Biometric Characteristics 🛛 🔐 Remote Open Door 💿 Event Monitor 🛛 🗙 Close
📫 New 🧊 Modify 🔩 Delete	Save HDE-970PM-R (Floor Management)
	Parameter1 Parameter2 Time Schedule Setting Conditional Unlock Mifare Parameter Advanced
	Parameter For anneter Advanced Sensor NCNO Alam Relay Setup Fire Control Sensor Disakle Activate Buzzer Image Sensor Alam Disakle Image Sensor Master/Disam Master/Disam Master/Disam Display message 000 Relay I Disam Code Oto Oto Read Sensor Alam Set
Login ADMIN Current opeartic	n: Elevator Setting Current Time 2022-01-11 16:39:40

Time Schedule Setting

Operation Steps:

- 1. Select the controller on the left side.
- 2. Click [Read] to read back current parameter.
- 3. Set time zone and time schedule. Definable 128 sets of time zone and schedule. User can design different group for flexible control. Click [Modify] to start the setting.
- 4. Load Default: To set values as default values.
- 5. Save Default: When click this button, system may save current values in a temporary sheet and assume the values are default values.

Ex: There are two controllers, A and B. Set time schedule of A controller and click "Save Default". Go to B controller and click "Load Default", you will read B controller's time schedules are changed and it should same with A controller.

Set Time Zone:

- 1. Point at time zone column and input time. Format is HHMM. Ex: Time start from 0000 and 2359 for time end.
- 2. Click [save] and [Set] to saving and downloading the settings to controller.

Set Time Schedule:

- 1. Point at time schedule column. To set the time zone for each day, enter the time zone number (row number) with the desired time setting.
- 2. Define time schedule name.
- 3. Click [Save] and [Set] to saving and downloading the settings to controller.

HDE-970PM-R	_			R (Floor Manag	_	-		NG D			1					
IIDL/970FM-K				Fime Schedule Set	ung				neter Ad	Vanced						
			ne Setting		_		chedule Se	-								
		No	Time Start	Time End	Â	Time	Schedule Si	etting Holida	y Setting							_
		0	0000	2359	=		No	Name		Tue	1	Thu	Fri	Sat	Sun	<u>^</u>
		1	0000	0000			1	[01]	0	0	0	0	0	0	0	=
		2	0000	0000			2	[02]	0	0	0	0	0	0	0	
		3	0000	0000			3	[03]	0	0	0	0	0	0	0	
		4	0000	0000			4	[04]	0	0	0	0	0	0	0	
		5	0000	0000			5	[05]	0	0	0	0	0	0	0	
		6	0000	0000			6	[06]	0	0	0	0	0	0	0	
		7	0000	0000			7	[07]	0	0	0	0	0	0	0	
		8	0000	0000			8	[08]	0	0	0	0	0	0	0	
		9	0000	0000			9	[09]	0	0	0	0	0	0	0	
		10	0000	0000		>>	10	[10]	0	0	0	0	0	0	0	
		11	0000	0000			11	[11]	0	0	0	0	0	0	0	
		12	0000	0000			12	[12]	0	0	0	0	0	0	0	
		13	0000	0000			13	[13]	0	0	0	0	0	0	0	
		14	0000	0000			14	[14]	0	0	0	0	0	0	0	
		15	0000	0000			15	[15]	0	0	0	0	0	0	0	
		16	0000	0000			16	[16]	0	0	0	0	0	0	0	
		17	0000	0000			17	[17]	0	0	0	0	0	0	0	
		18	0000	0000	-		18	[18]	0	0	0	0	0	0	0	-
					Ŧ		10		1×	1×			1V	IV.	l v	
									Read					Set		

Holiday Setting:

Holiday means National holiday or specific date.

- 1. Select the date and click + to adding a holiday.
- 2. Select a time zone from left side and click >>,
- 3. To delete the holiday, please click to delete it.

File Basic Access Control	arking TimeAttendar	nce Elevator Patrol Report System External Program Help
	-	Automatic 🤹 Retrieve Biometric Characteristics 📔 🖌 Remote Open Door 💿 Event Monitor 🛛 🗶 Close
📫 New 📑 Modify 📑 Delete	Save HDE-970PM-R	
HDE-970PM-R	_	me Schedule Setting Conditional Unlock Mifare Parameter Advanced
	Time Zone Setting	Time Schedule Setting
	No Time Start	Time End Time Schedule Setting Holiday Setting
		0000 E 4 2022年1月 →
		MON TUE WED THU FRI SAT SUN
		27 28 29 30 31 1 2
		3 4 5 6 7 8 9 0000 10 11 12 13 14 15 16
		17 18 19 20 21 22 23
	6 0000	24 25 26 27 28 29 30 0000 31 1 2 3 4 5 6
	7 0000	0000 Date Time Schedule
	8 0000	
	9 0000	000 +
	10 0000	
	11 0000	
	12 0000	
	13 0000	
	14 0000	0000
	18 0000	<u></u>
		Read Set
Login ADMIN Current opeartion:	Elevator Setting Ct	urrent Time 2022-01-11 16:42:19:

Conditional Unlock Time

To avoid conflict between normal time schedule and unrestricted time (Conditional unlock time), unrestricted time must start from row number 128, and then 127, 126, 125... Due to every time schedule is corresponding a floor. Ex: there are 64 floors and then the time schedule from row 1 to row 64 is used.

	Parking Time Attenda Mifare setting 🚑 Add Users Ward Save HDE-970PM-R	Automatic 🤹 Retrieve	Patrol Report System External Program Help eve Biometric Characteristics 🔐 Remote Open Door 👁 Event Monitor 🗙 Close ent)
	Parameter1 Parameter2 Ti	me Schedule Setting	Conditional Unlock Mifare Parameter Advanced
	Conditional Unlock		
	Name	Schedule 1	Schedule 2
	1 [01]		
	2 [02]		
	3 [03]		
	4 [04]		Disable
	5 [05]		Disable
	6 [06]		Disable
	7 [07]		Disable
	8 [08]		Disable
	9 [09]		Disable
	10 [10]		Disable
	11 [11]		Disable
	12 [12]	Disable 👻 I	Disable 🔻
	13 [13]	Disable 👻 I	Disable 🔻
	14 [14]	Disable 🔻 I	Disable -
	15 [15]	Disable 🔻 I	Disable 👻
	16 [16]	Disable 🔻 I	Disable
	1 - 16 17 -	32 33 - 48	49-64
	65 - 80 81 -	96 97-112	113 - 128
	Read		Set
Login ADMIN Current opeartion:	: Elevator Setting C	urrent Time 2022	22-01-11 16:47:12

Advance

Operation Steps:

- 1. Select the device on the left side.
- 2. Click [Read] to get back current parameter values.
- 3. Modify the parameter values.
- 4. After modify values, please click [Set], the settings will be in effect.

[Reader Type]

Base on installation to select reader type. If installation and parameter 's reader type is different, user may not retrieve records success.

- Reader Format (Mifare): Controller supports Mifare card format.
- Reader Format (EM): Controller supports EM card format.
- Slave Reader (T1/T2): Slave reader supports T1/T2 interface. Reader will send 10 digits back to program.
- Slave Reader (Wiegand 26, 8 digits): Slave reader supports Wiegand 26 interface.
 Reader will send 8 digits back to program.
- Slave Reader (Wiegand 26, 10 digits): Slave reader supports Wiegand 26 interface. Reader will send 8 digits back to program and program add 00 in front of number automatically and display 10 digits to users.
- Slave Reader (Wiegand 34, 10 digits): Slave reader supports Wiegand 34 interface.
 Reader will send 10 digits back to program.

[Device Status Setup]

- Activate alarm for blacklist card: Tick the check box, the alarm will activate when swipe blacklist card.
- Display card number: Controller will display card number after tick the check box.
- Do not store invalid card record: System will not store invalid card records after tick the check box.
- Cannot overwrite store records: System will stop saving data when the storage limit is exceeded. User need retrieve all data to database first.
- Activate alarm when memory full: When stored records full, system will receive "Memory Full" event. This function works with "Cannot overwrite store records" Function. System will activate a warning alarm.

[Memory Read/Write]

Change memory value from specified block to change controller actions. Please contact with service for details operation. Please do not modify data arbitrary, therefore controller will be abnormal.

File Basic Access Control Parking TimeAttendance Elevator Patrol Repo		
🔋 📴 Exit 🛛 🧧 Cardholder Info Setting 🛛 🔨 Mifare setting 🐣 Add Users Automatic 🤹 Retrieve Biometric Chara	teristics 🛛 🛶 Remote Open D	cor 💿 Event Monitor 🗙 Close
Average Modify Science Save HDE-970PM-R (Floor Management)		-
HDE-970PM-R Parameter2 Time Schedule Setting Conditional Unlock		d
Reader Type	Memory Read/Write	
 Reader Format (Mifare) 	Index	14 💭
Reader Format (EM)	Length	1
 Slave Reader (T1/T2) 	Value	
Slave Reader (Wiegand26, 8 Codes)		Read Set
 Slave Reader (Wiegand26, 10 Codes) 		
Slave Reader (Wiegand 34, 10 Codes)		
Device Status Setup		
Activate alarm for blacklist card		
🔲 Display Card No		
Do not store invalid card record		
Cannot overwrite store records		
Civate alarm when memory full		
Read Set		
Login ADMIN Current opeartion: Elevator Setting Current Time 2022-01-11 16:48:	26	

Mifare Parameter

- 1. Unique ID Reading: Allow user read serial number only. When select this parameter, please ignore follow settings.
- 2. Key A Reading: Login by Key A value.
- 3. Key B Reading: Login by Key B value.
- 4. Retrieve valid code index: The index digit of retrieve valid card number.
- 5. Retrieve valid code length: how many digits you want to retrieve of valid card number. This parameter works with "Retrieve valid code index".
- 6. Block Reading: Assigned read allotted block.
- 7. Key A/Key B Value: The value of allotted block
- 8. Display Password: When tick the box, Key A/Key B 's password will display on plain code.
- 9. Compress Card No: Default is uncompressing card number. If need compress card number, please tick the check box.
- 10. After modify values, please click [Set], the settings will be in effect.

File Basic Access Control	Parking TimeAttendance Elevator Patrol Report System External Program Help
📲 Exit 🛛 📒 Cardholder Info Setting 🛛 📢	, Mifare setting 🐣 Add Users Automatic 🤹 Retrieve Biometric Characteristics 🛛 💣 Remote Open Door 💿 Event Monitor 🛛 🗙 Close
📫 📫 New 📫 Modify 📑 Delete	Save HDE-970PM-R (Floor Management)
	Parameter1 Parameter2 Time Schedule Setting Conditional Unlock Mifare Parameter Advanced
	Mifare Setup
	Inique ID Reading
	KEY A Reading
	KEY B Reading
	Retrieve Valid Code Index
	Retrieve Valid Code Length
	0
	Block Reading
	0
	Key A/Key B Value
	Dir ba Decema J
	Display Password
	Compress Card No
	Cat
	Set
Login ADMIN Current opeartion	· Elevator Setting Current Time 2022-01-11 16:55:10

7-15 Elevator Cardholder Auth Setting (HDE-970)

7-15-1 Group Auth Setting

It is mainly to create access group and assign user authorization.

Operation Steps:

- 1. Click [New].
- 2. Input group name.
- 3. Click [Save] to save the setting.

	ime Attendance <mark>Elevator</mark> Patrol Report System External Program Help 🚓 Add Users Automatic 🤹 Retrieve Biometric Characteristics 🗬 Remote Open Door 👁 Event Monitor 🗙 Close
New Delete Modify Group Name TEST	Authorization Setting Authorization Setting Export Cardholder C
agin ADMIN Current opeartion: Elevator Ca	ardholder Auth Setting Current Time 2022-01-11 16:58:14

4. Go to [Elevator Schedule]. Select the floor which you want to authorize and click [Set], the check box will be ticked.

Hint: Speedy Selection: Press CTRL key and select floors by mouse or press SHIFT key and select doors successively by mouse.

5. Click [OK].

		atrol Report System External Program Help Siometric Characteristics 🗬 Remote Open Door 👁 Event Monitor 🗙 Close	
Know Delete Modify Group Name	Authorization Setting	🦉 Select Elevator Group Schedule	
TEST	Elevator Schedule 1 Card		
	Elevator Mail	Set 🗆 Reverse Select	
	BoxVLocker	FloorMail BoxLocker [1] [01]	Â
			E
		☑ [03]	
		🔽 [04]	
		05]	
		[[06]	
		[13]	
		[14]	

6. Go to [Cardholder]. Tick the department then you will read cardholder list which belong the department. And then you can start to tick the cardholders.

Hint: Speedy Selection: Press CTRL key and select doors by mouse or press SHIFT key and select doors successively by mouse.

7. Click [OK] to save the setting. If want to delete the cardholder authorization, please select the cardholder and click [Delete Cardholder].

After setting completed, click [Export Cardholder], system will produce a txt file base on the setting. The file only includes cardholder name and authority by department. This file may import to system and use for other group authorization

New Modify Group Name TEST	Authorization Setting Authorization Setting Cardholder Record-5 Devator/Mail D0 D0 D0 D0 D0 D0 D0 D0 D0 D	Select Cardholder OK Cancel Department ABC C B A	Cardholder Cardholder Cardholder Cardholder Select All Select None Name No BEAR91 000000091 C BEAR92 000000092 C BEAR93 000000093 V BEAR93 000000094 S C BEAR93 000000096 C BEAR96 000000096 C BEAR96 000000097 B BEAR99 000000099 D BEAR99 000000099 D BEAR99 000000099 D BEAR100 000000100

7-15-2 Group Auth Inquiry

Enquire user's authorization. Specify the range according to Group, door and User name. Operation Steps:

- 1. Check dynamic drop-down menu, you will read group, time schedule and name.
- 2. Click [Search].

c	- Nam	e:	- 🔍 Search
Group	Elevator/Mail Box/Locker	Name	
TEST	[03]	BEAR94	
TEST	[01]	BEAR92	
TEST	[01]	BEAR93	
TEST	[01]	BEAR94	
TEST	[01]	BEAR95	
TEST	[02]	BEAR91	
TEST	[02]	BEAR92	
TEST	[02]	BEAR93	
TEST	[02]	BEAR94	
TEST	[02]	BEAR95	
TEST	[03]	BEAR91	
TEST	[01]	BEAR91	
TEST	[03]	BEAR93	
TEST	[05]	BEAR95	
TEST	[03]	BEAR95	
TEST	[04]	BEAR91	
TEST	[04]	BEAR92	
TEST	1041	BEAR93	

7-15-3 Download

It is mainly to download users' authorizations to device.

Operation Steps:

- 1. There are two download methods. Tick "By Group Auth" or "By Device".
- 2. Select the Groups or devices which you want to download.
- 3. Download All: Download all users' information and authorizations.
- 4. Click [Download] to start the download.

File Basic Access Control Park	ing TimeAttendance Elevator	Patrol Report System External Program Help
🗄 📭 Exit 📑 Cardholder Info Setting 🔨 Mifa	re setting Add Users Automatic 🤹 Ret	rrieve Biometric Characteristics 🛶 Remote Open Door 💿 Event Monitor 🗶 Close
Group Auth Setting Group Auth Inquire Down	cad	
TEST	HDE-970PM-R	Download All Download
Select All	Select All	
e By Group Auth	By Device	
Login ADMIN Current opeartion: Ele	evator Cardholder Auth Setting	Current Time 2022-01-11 17:02:09:

8. Time Attendance

8-1 Hardware Setting

8-1-1 Add device and set communication

Operation Steps:

- 1. Click [New], and then select communication type.
 - Communication Type : Select COM PORT or TCP/IP. When using COM PORT, please make sure the COM PORT number and baud rate must be 19200. When using TCP/IP, please input IP address and port.
 - USB, check this box to allow only one piece of device being connected to PC by USB (This function is only for HTA-500/502 series)
- 2. Input device name and device ID (Default ID is 1).
- 3. Select device model.
- 4. Save the setting. The [Verify Device] is reserved.
- 5. Click [Read] to read back all parameters.

							-			
		Attendance Recor								Help
								Event Monitor	Close	
	Modify Nolete	Save Copy	Move A	Time Sync	chronization to All	P Verify Device	J			
	Modify Dekte	Mare cord issance		Add Dr Om Device	wine mm Type Port Port Port Port Port Port Port Port	Perameter Port COM1 Baudrate 19200		Elean Monitor		
Logm ADMIN Cu	rrent opeartion: Hardw	are Setting Current Tin	ne 2014/3/10 下午 03:	19:01						

- 6. Click [Copy] and may copy parameter to other same model machines.
 - Copy Parameter : Only copy Siren Timetable and Duty Time Switch Table to selected same model machines.
 - Upload Parameter : System will upload above timetables to selected same model machines individually.
 - Copy and Upload : System will copy and upload current machine's timetables to selected same model machines.

File Basic Access Control	Attendance Recorder Elevator Parking TimeAttendance Patrol Report System External Program Help
🕴 🕵 Exit 📑 Cardholder Info Setting '	🍡 Mifare card Essance 🚔 Add Ucers Automatic 😭 Retrieve Finger Fattern. 🛛 🔐 Remote Open Door 🐵 Event Monitor 📔 🗙 Glose 🖉
Device 📫 New 🥩 Modify 🔜 Delete	🖬 Save 👫 Copy 💦 Move 🔥 🔹 🖍 Time Synchronization to All 🤌 Verify Device
Login ADMIN Current opeartion: Hardwa	are Setting Current Time 2014/3/10 TF 03:22:43

7. Click Order may sort the devices.

l 📲 Order

🔜 Order			
Exit	🛉 Up 🤳 Do	wn 💾 Save	

8. Set device time.

- Set time : Input date and time by user.
- All Time Sync : Synchronize all devices time by PC.

8-1-2 Modify Connecting Information

Modify communication parameters and device name.

Operation Steps:

- 1. Select the device on the left side.
- 2. Click [Modify].
- 3. Modify the setting. Like comm. type, device name and device ID.
- 4. Click [Save] to saving modifies. Click [Delete] to delete the device from system.

File Basic Access Control	Attendance Recorder Elevator Pa	rking TimeAtter	ndance Patrol Report Sys	tem External Program	Help	
🗄 🛃 Exit 📑 Cardholder Info Setting *	💈 Mifare card Issuance 🛛 Add Users Automatic	🤹 Retrieve Finger Pat	tem 🛛 💣 Remote Open Door 💿 Event .	Monitor 🛛 🗙 Close		
Device New Modify Delete	🖬 Save 🛛 🖧 Copy 👘 Move 💽 💌 🔝 🛙	ime Synchronization to	All 👂 Verify Device			
	Parameter1 Parameter2 Parameter3 Parame					
- 🖬 860PEF	- Master Card		Select LCD Language			
 852PMF 850PMF-1 			 English 			
860PMF		30191000	Chinese (Tradition)			
HTA-856	Overwrite Swipe Card Records					
HTA-860PMF-1			 Chinese (Simplified) 			
	Uncover	~	- Retrieve Finger Pattern			
	Save Invalid Card No.		 Single Card 			
	Save Invatio Card 140.			Retrieve Finger Pattern		
	Yes	Add Device		terne ve i unger Panerin		
		- Comm. Type	Parameter			
	Reswipe Card Check Time (0-255 sec)-	O Port	IP			
			172.16.42.88	4660@1)		
		⊙ IP	172.10.92.00	Set Time		
	RS-485 Device Output		Port			
	Close		4660	Time Sync		
				Set		
				Jei		
		During Marca				
		Device Name				
		HTA-860PMF-1				
		Device ID				
		1	*			
		Device Model				
		HTA-860PMF	~			
		Save	Exit			
Losin ADMIN Current opeartion: Hardwa	re Setting Current Time 2014/3/10 下午 03:23:3	2				_

8-1-3 Parameter 1 (HTA-640/HTA-856/HTA-860/HTA-870/HTA-871)

It is mainly to modify recorder's status.

Operation Steps:

- 1. Select the device on the left side.
- 2. Click [Read] to get back current setting values of device.
- 3. Modify the parameter values.

4. After modify values, please remember to click [Set] then change will be in effect.

Parameter contents:

- Master Card : Required to enter command mode of controller (Default is 30191000). Kindly refer to hardware manual.
- Overwrite Swipe Card Records : System will stop saving records or overwrite records when the storage limit is exceeded.
- Save Invalid Card No : Store or not store invalid card records selection.
- Re-swipe Card Check Time (0-255 sec) : This is the time for checking the card repeatedly. As the time is set, when swiping the card more than once within a preset time, system will not record the event and make beep sound.
- RS-485 Device Output : Connect with LCD display, DVR or printer.
- Select LCD Language: English : LCD displays English Tradition Chinese : LCD displays Tradition Chinese Simplified Chinese : LCD displays Simplified Chinese
- Retrieve Biometric Characteristics: Retrieve biometric characteristics from device to database.(For biometric characteristics device only): Single Card: Retrieve single card biometric characteristics. Input card number first then press [Retrieve].

All Cards: Press [Retrieve] to retrieve all card biometric characteristics. It is highly recommend retrieving all card biometric characteristics at first time. After that, user can retrieve biometric characteristics singly to avoid long time retrieval. (System will take 4~5 minutes for 200 biometric characteristics)

NOTE: Please retrieve all biometric characteristics within no users use machine, especial avoid office hours lest retrieval failed. If retrieval failed, system will have a log file in C:\Program files\HAMS-19\Logs\date.log. Operator may know which retrieval is failed and retrieve it again by "Single Card".

Master Card	ranced Mifare Parameter		
Master Card 30191000	Select LCD Language		
Overwrite Swipe Card Records	 Chinese (Iradition) Chinese (Simplified) 		
Uncower	-Retrieve Biometric Characteristics		
Yes 🔹	 All Cards 	Retrieve	
Reswipe Card Check Time (0-255 sec)	HTA 860DME(122.16.42.60.46	50@1)	
RS-485 Device Output	2020/07/23 11:53:30	Set Time	
Close	Version	Time Sync	
	Read	Set	
	Overwrite Swipe Card Records Uncover Save Invalid Card No. Yes Reswipe Card Check Time (0-255 sec)	30191000 Chinese (Tradition) Overwrite Swipe Card Records Chinese (Simplified) Uncover Save Invalid Card No. Single Card Yes Reswipe Card Check Time (0-255 sec) HTA-860PMF(172.16.42.60.46 200007/23 11.53.30 Close Vession	30191000 Chinese (Tradition) Overwrite Swipe Card Records Chinese (Tradition) Uncover Retrieve Biometric Characteristics Save Invalid Card No. Single Card Yes All Cards Reswipe Card Check Time (0-255 sec) HTA-860PMF(172.16.42.60.4660@1) RS-485 Device Output 202007/23 11:53:30 Goze Vession

8-1-4 Parameter 2(HTA-640/HTA-856/HTA-860/HTA-870/HTA-871)

It is mainly to modify recorder's status.

Operation Steps:

- 1. Select the device on the left side.
- 2. Click [Read] to get back current setting values of device.
- 3. Modify the parameter values.

4. After modify values, please remember to click [Set] then change will be in effect.

Parameter contents:

[Card No Status]

- Digits Only : Tick the check box signifies all card number should be digits. If card number with English letters, LCD will display error message after card swiped. If operators do not set how many digits should check, all number should be digits.
- Card No Length : Length of card number should be digits.

[Keypad Setup]

- Enable Number Key : Tick the check box to enable number key.
- Enable Function Key : Tick the check box to enable function keys F1~F4(HTA-640/ HTA-860/HTA-870/HTA-871)/F1~F6(HTA-856).
- Keypad with Backlight

Auto : When swipe card or press the keypad, the keypad backlight will activate automatic.

Open : Always activate of keypad backlight.

Close : Always inactivate of keypad backlight.

[Audio Status]

- Enable Audio Prompt: Tick the check box to enable Audio Prompt. (Biometric characteristics machine only)
- Siren Output : Tick the check box to enable siren output.

[Retrieve valid code]

- Index : The index digit of retrieve valid card number.
- Length : How many digits you want to retrieve of valid card no.

Ex : Card NO. is 1234567890, valid code index is 2, length is 6. The retrieve valid card no. will be 234567. Please note, in cardholder information, the card no. should

be 234567 too, otherwise the door will not open.

[Door Relay Setup]

- Pulse (Second) : Door relay will return to original position within the time user set.
 Default is 4 seconds.
- Toggle : Door relay will not return to original position until door relay has been activated again.

[LCD Display Date]

- YYYY/MM/DD : LCD displays Year/Month/Day.
- MM/DD/YYYY : LCD displays Month/Day/Year.
- DD/MM/YYYY : LCD displays Day/Month/Year.

Elle Davis Assure Control		nden er Deterl Derent Gestern Determel Derennen	TT. l.,
	Attendance Recorder Elevator Parking LimeAtter Mifare card Issuance 🚑 Add Users Automatic 😪 Retrieve Finger Par	ndance Patrol Report System External Program	ныр
Device A New Modify Cardinolder Delete			
	Parameter1 Parameter2 Parameter3 Parameter4 Parameter5 Ad		
860PEF	Card No Status	Retrieve Valid Code	
- 🖬 852PMF	Digits Only	Index	
850PMF-1	Card No Length	1 🗧	
		Length	
HTA-860PMF-1	1 🛟	0	
	W = - 10 -	, <u> </u>	
	Keypad Setup	Door Relay Setup	
	Enable Number Key	Pulse(Sec)	
	Enable Function Key	4 😋	
	Keypad with Backlight Auto	○ Toggle	
	O Open	LCD Display Date	
	O Close	• YYYYMMDD	
	Audio Status Enable Audio Prompt	○ MM/DD/YYYY	
	Siren Output	O DDMM/YYYY	
		Read	

8-1-5 Parameter 3 (HTA-640/HTA-856/HTA-860/HTA-870/HTA-871)

It is mainly set what duty shift you want to display in the device.

Operation Steps:

- 1. Select the device on the left side.
- 2. Click [Read] to get back current setting values of device.
- 3. Modify the parameter values.

4. After modify values, please remember to click [Set] then change will be in effect.

Parameter contents:

[LCD Status Setup]

- LCD Display Message : Tick the check box, user-define message will be displayed.
 Please input define message in M1/M2.
- Backlight Mode

Auto : When swipe card or press the keypad, the LCD backlight will activate automatic.

Open : Always activate of LCD backlight.

Close : Always inactivate of LCD backlight.

[Duty Timetable]

- Display Duty Shift : Provide 9 sets duty shift name. The 7th set displays "Ready" when controller in the Ready Status. And 8th and 9th set is user-define. Need tick LCD Display Message function, and then input messages.
- Duty Time Switch Table : Controller will switch duty shift and display on LCD base on this setting.

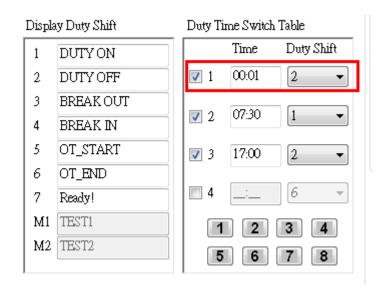
Operation Steps:

- Select numeric keys, 4 sets of duty shift time schedule to each numeric key 1~8. Total has 32 sets.
- Tick the box which wants to display on the LCD. Like
- Input start time. Like 0800.
- Input duty shift code. Please input duty description in "Display Duty Shift Time "worksheet.

Note: It will need to set up the duty time in the area, when you synchronize the time. Otherwise, it will go back to default duty-on if the device checks the setting without duty time.

For instance, the normal duty time is 7:30~17:00. If you are looking for synchro-

nization at 7:00, you need to set up another duty time from 00:00 to 07:29. After synchronization finishes, devices will check whether they have duty time or not (00:01 will be duty off), the default duty-on will change to duty-off.



[Restore Duty Switch]

When change duty shift manual, if system need back to current duty shift.

- Enable : System will back to current duty shift automatically.
- Disable : System will stand in manual duty shift.

[Daylight Saving Time]

- Daylight Saving : Open or close this function.
- Adjust Mode : Time advance or delay.
- Date/Time Start : Start date and time
- Date/Time End : End date and time
- Adjust Minute : How many minutes should advance or delay.

e 📫 New 🥩 Modify 🛸 Delete	📔 Save 🖳 Copy 👘 Move 🔺 💌 🍰 Time Synchronization to	o All 🔑 Venify Device
830	Parameter1 Parameter2 Parameter3 Parameter4 Parameter5 Ad	lvanced Mifare Parameter
860PEF 852PMF	LCD Status Setup	Restore Duty Switch
850PMF-1	LCD Display Message	Enable
860PMF	Backlight Mode	Enable
HTA-856 HTA-860PMF-1	 Auto 	Daylight Saving Time
HIA-000PMF-1	 Opén 	Daylight Saving
	○ Close	Close
	- Duty Timetable	Adjust Mode
	Display Duty Shift Duty Time Switch Table	Time Advance
	1 DUTY ON Time Duty Shift	Date/Time Start
	2 DUTY OFF 1 6	
	3 BREAK OUT	Date/Time End
	4 BREAK IN	
		Adjust Minute
	6 OT END	0000 🗢
	7 Ready!	Read
		19000 SUL
	M2 TEST2 5 6 7 8	

8-1-6 Parameter 4 (HTA-640/HTA-856/HTA-860/HTA-870/HTA-871)

It is mainly to modify relay and sensor's status of recorder.

Operation Steps:

- 1. Select the device on the left side.
- 2. Click [Read] to get back current setting values of device.
- 3. Modify the parameter values.

4. After modify values, please remember to click [Set] then change will be in effect.

Parameter contents:

[Error Procedure]

- Permit Error Times : Allowed error times of re-swiping card.
- Buzzer Frequency : When error times are over preset times, controller activate buzzer frequency.
- Disarm Alarm Mode : Select to deactivate the alarm by any valid card or Master card.
- Alarm Action : Enable or disable alarm action.

[Alarm Relay Setup]

- Pulse (Second) : It will return to original position within the time you set.
- Toggle : Alarm relay will not return to original position until alarm relay has been activated again.
- Latch : It will not return to original position until alarm release code has been entered.

[Alarm Schedule]

- Open : When tick the check box, system will only activate alarm during the time range of schedule. Otherwise alarm relay can not activate for anytime.
- Time Start : Set alarm start time.
- Time End : Set alarm end time.

[Door Relay Action When Re-swipe Card] When re-swipe card, if the door relay activated. [Return to Ready status (Sec)]

The duration of return to ready status after swiping card.

[Relay Action]

Define relay action. Default mode is mode 0.

- Mode0 (Door/Door/Alarm) : Built-in relay of controller is for door lock. External first relay of ACU-30 is for door lock and second relay is for Alarm.
- Mode1 (Siren/Door/Alarm) : Built-in relay of controller is for siren. External first relay of ACU-30 is for door lock and second relay is for Alarm.

[Finger]

- Activate 1:1 Authentication: Default is 1:N identification, user access by biometric characteristics only. When tick the box, user need swipe card and put biometric characteristics for access.
- Assign a Biometric Characteristics as Master Card: Once tick the check box, operator may assign a specify user's biometric characteristics as a master biometric characteristics.

[Assign a Biometric Characteristics as Master Card]: After retrieve biometric characteristics from device to HAMS, operator may select a user's biometric characteristics as Master biometric. To using this function, please tick the check box of use biometric characteristics as Master Card.

NOTE: After set Master biometric, the original master card/code will become invalid. To be regain original Master card/code authority. Please delete Master biometric. Otherwise, the priority will be master biometric.

Device 📫 New 🥩 Modify 🔩 Delete	Save Copy Corder S Time Synchronization to All P Ve	
HIA-SOUPAT	Parameteral Parameteral Parameteral Parameteral Adverteration Permit Error Times 0 m Buzzer Fréquency 0 m Disarm Alam Mode 0 m Valid Cand • Alam Action 0 m Disable • Alam Relay Setup 0 m Pulse(Sec) 00 m © Toggle 0.0 m © Jean Time End 0000 m 0000 m	ancel [Mikue Parameter] Door Relay Action When Reswipe Card Open Relay Action Relay Action Mode Of CourDoor/Alarm) Mode I (StrewDoor/Alarm) Finger Activate 1:1 Authentication Assign a Biometric Characteristics as Master Card Assign a Biometric Characteristics as Master Card Set Delete Read Set

8-1-7 Parameter 5 (HTA-640/HTA-856/HTA-860/HTA-870/HTA-871)

Set Siren time schedule.

Operation Steps:

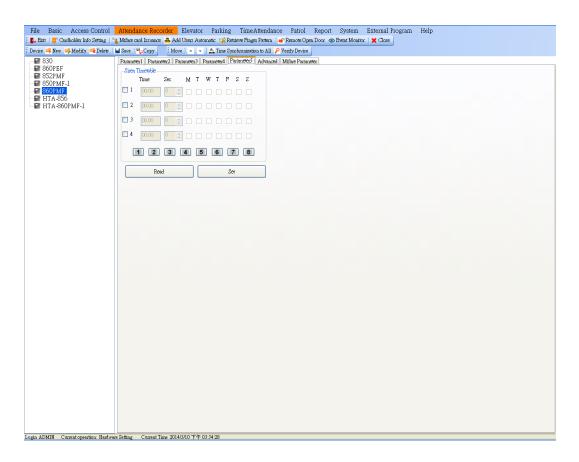
- 1. Select the device on the left side.
- 2. Click [Read] to get back current setting values of device.
- 3. Modify the parameter values.
- 4. After modify values, please remember to click [Set] then change will be in effect.

Parameter contents:

[Siren Timetable]

Operation Steps:

- Select numeric keys, 4 sets of siren timetable to each numeric key 1~8. Total has 32 sets.
- 2. Tick the box which wants to activate.
- 3. Input start time
- 4. Input duration. How many seconds you want siren works.
- 5. Tick the box of weekday. The siren will not activate if the check box is not ticked.



8-1-8 Advance Parameter (HTA-640/HTA-856/HTA-860/HTA-870/HTA-871)

It is mainly to modify slave reader's interface.

Operation Steps:

- 1. Select the device on the left side.
- 2. Click [Read] to get back current setting values of device.
- 3. Modify the parameter values.

4. After modify values, please remember to click [Set] then change will be in effect.

Parameter contents:

[Reader Type]

- Reader Format (Mifare) : Controller supports Mifare card format.
- Reader Format (EM) : Controller supports EM card format.
- Slave Reader (T1/T2) : Slave reader supports T1/T2 interface. Reader will send 10 digits back to program.
- Slave Reader (Wiegand 26, 8 codes) : Slave reader supports Wiegand 26 interface.
 Reader will send 8 digits back to program.
- Slave Reader (Wiegand 26, 10 codes): Slave reader supports Wiegand 26 interface. Reader will send 8 digits back to program and program add 00 in front of number automatically and display 10 digits to users.
- Slave Reader (Wiegand 34, 10 codes) : Slave reader supports Wiegand 34 interface.
 Reader will send 10 digits back to program.

[Device Mode] (HTA-640PE/HTA-856PE/PM/HTA-860PE/PM/HTA-870PE/PM/HTA-871PE/ PM Only)

- Valid Card + Name : Must download authorization to recorder. LCD will display card number and cardholder's name after card swiped.
- Unlock door by swiping any card : Do not need download authorization to recorder.
 And any card may open door.

[Memory Read/Write]

Change memory value from specified block to change controller actions. Please contact with service for details operation. Please do not modify data arbitrary, therefore controller will be abnormal.

File Basic Access Control Parki	ing TimeAttendance Elevator Patrol Report	System External Program H	Ielp
🕴 🕵 Exit 📑 Cardholder Info Setting 🐾 Mifar	e card Issuance 🐣 Add Users Automatic 🤹 Retrieve Finger Pattern	💣 Remote Open Door 🛛 💿 Event Monit	tor 🛛 🗙 Close
🗄 Device 📫 New 🥪 Modify 👒 Delete 🔛 Sa	ave 🖶 Copy 📗 Order 🏡 Time Synchronization to All 👂 Verify	Device	
HTA852PMF HTA502PEF N	Parameter1 Parameter2 Parameter3 Parameter4 Parameter5 Ad		
	Reader Type	Memory Read/Write	
	 Reader Format (Mifare) 	Index	14 💭
HTA-860PM	Reader Format (EM)	Length	1 💌
	 Slave Reader (T1/T2) 	Value	
	Slave Reader (Wiegand26, 8 Codes)		Read Set
	 Slave Reader (Wiegand26, 10 Codes) 		
	 Slave Reader (Wiegand34, 10 Codes) 		
	Device Mode		
	Valid Card + Name		
	 Unlock door by swiping any card 		
	This setting will clear all cardholders and transactions (logs). The whole procedure including the time to reset		
	Read		
Login ADMIN Current opeartion: Has	rdware Setting Current Time 2016/8/4 上午 11:56:3	3	

8-1-9 Mifare Parameter (HTA-856PM/HTA-860PM/PMF/HTA-870PM/PMF/HTA-871PM/PMF)

[Mifare Setup]

Allow the user to set the reading unique ID or block of Mifare cards.

Operation Steps:

- Unique ID Reading : Allow user read serial number only. When select this parameter, please ignore follow settings.
- Key A Reading : Login by Key A value.
- Key B Reading : Login by Key B value.
- Retrieve valid code index : The index digit of retrieve valid card number.
- Retrieve valid code length : how many digits you want to retrieve of valid card number. This parameter works hand in hand with "Retrieve valid code index".
- Block Reading : Assigned read allotted block.
- Key A/Key B Value : The value of allotted block
- Display Password : When tick the box, Key A/Key B 's password will display on plain code
- Compress Card No : Default is uncompressing card number. If need compress card number, please tick the check box.

[Mifare Write Back Setup](HTA-856PM/HTA-860PM/HTA-870PM/HTA-871PM Only)

- Activate Write Back Function : Controller must have "Write-back function". Tick the check box to activate this function.
- Index Block of Write Back : Start block of write-back.
- End Block of Write Back : End block of write-back
- Key A / Key B : Select to confirm Key A or Key B's password.
- Key A/key B Value : Input Key A or Key B's password
- Display Password : When tick the check box, password will display plain code.

Mifare Write Back Setup :

Quantity	Index Block	End Block
	4	23
	8	27
	12	31
	16	35
	20	39
50	24	43
	28	47
	32	51
	36	55
	40 59	59
	44	63
	4	39
	8	43
	12	47
100	00 16	51
	20	55
	24	59
	28	63

		Fime Attendance Patrol Report System External Program Help : Finger Pattern 🖝 Remote Open Door 👁 Event Monitor 🔀 Close
Device 🚅 New 🥩 Modify 🔩 Dele	te 📕 Save 🖳 Copy 🕴 Move 🔺 🗴 Time Synchr	onization to All 🔑 Verify Device
	Parameter1 Parameter2 Parameter3 Parameter4 Param	aeter5 Advanced Mifare Parameter
 860PEF 852PMF 	Mifare Setup	Mifare Write Back Setup
850PMF-1	Oligou D Reading	Acivate Write Back Funtion
- 🖬 860PMF	KEY A Reading	Index Block of Write Back
HTA-856 HTA-860PMF-1	KEY B Reading	4 End Block of Write Back
TIN-0001MIP-1	Retrieve Valid Code Index	7
	1	KEY A
	Retrieve Valid Code Length	O KEY B
	0	Key A/Key B Value
	Block Reading	
	0	Display Password
	Key A/Key B Value	
	1031510355 10100	
	Display Password	
	Compress Card No	
	Complete Cale No	.Set

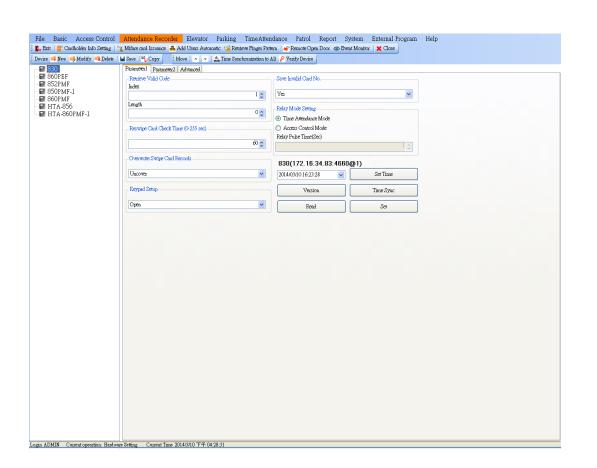
8-1-10 Parameter 1 (HTA-810/820/830/840)

It is mainly to modify device parameters. Operation Steps :

- 1. Select the device on the left side.
- 2. Click [Read] to get back current setting values of device.
- 3. Modify the parameter values.

Parameter contents :

- Retrieve Valid Code : Index signifies index digit of retrieve valid card number. Length signifies how many digits you want to retrieve of valid card number.
 Ex : Card No. is 1234567890, valid code index is 2, length is 6. The retrieve valid card no. will be 234567. Please note, in cardholder information, the card no. should be 234567 too, otherwise the door will not open.
- Re-swipe Card Check Time (0-255 sec) : This is the time for checking the card repeatedly. Default is 0. As the time is set, when swiping the card more than once within a preset time, system will not record the event and make beep sound.
- Overwrite Swipe Card Records : System will overwrite records (Yes) or stop saving records (Uncover). When uncover selection, LCD screen will display FULL message when the storage limit is exceeded.
- Keypad Setup : Disable or enable keypad function. (except HTA-810)
- Save Invalid Card No : Store or not store invalid card records selection.
- Relay Mode Setting : (except HTA-810)
 - Time Attendance Mode : Relay is for siren use.
 - Access Control Mode : Relay is for door lock use and able to set relay pulse action time.
- 4. After modify values, please remember to click [Set] then change will be in effect.



8-1-11 Parameter 2(HTA-810/820/830/840)

It is mainly to modify device's duty display and siren time schedule. Operation Steps :

- 1. Select the device on the left side.
- 2. Click [Read] to get back current setting values of device.
- 3. Modify the parameter values.
- 4. After modify values, please remember to click [Set] then change will be in effect.

Parameter contents:

[Duty Timetable] (except HTA-810)

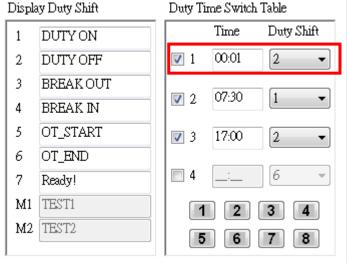
Operation Steps :

- 1. Select numeric keys, total have 16 sets.
- 2. Input start and end time.
- 3. Select duty shift. Total have $A \\ B \\ C \\ D$, 4 sets.

For example, set time 0800~1200 for A, the system will change to button A automatic at 08:00.

Note: It will need to set up the duty time in the area, when you synchronize the time. Otherwise, it will go back to default duty-on if the device checks the setting without duty time.

For instance, the normal duty time is 7:30~17:00. If you are looking for synchronization at 7:00, you need to set up another duty time from 00:00 to 07:29. After synchronization finishes, devices will check whether they have duty time or not (00:01 will be duty off), the default duty-on will change to duty-off.



[Siren Timetable]

Operation Steps :

- Select numeric keys, 4 sets of siren timetable to each numeric key 1~8. Total has 32 sets.
- 2. Tick the box which wants to activate.
- 3. Input start time.
- 4. Input duration. How many seconds you want siren works.
- 5. Tick the box of weekday. The siren will not activate if the check box is not ticked.

[Daylight Saving Time]

- 1. Daylight Saving : Open or close this function.
- 2. Adjust Minute : How many minutes should advance or delay.
- 3. Date/Time Start : Start date and time
- 4. Date/Time End : End date and time

File Basic Access Control	Attendance Recorder Elevator Parking TimeAttendance Patrol Report System External Program Help
	🔩 Mifare card Issuance 🚔 Add Users Automatic 😭 Retrieve Finger Pattern 🛛 🖝 Remote Open Door 🐵 Event Monitor 🖌 🗙 Close
Device 📫 New 🥩 Modify 🔩 Delete	
830 860PEF	Parameter] [Parameter2] Advanced Duty Timeskie Duty Timeskie
- 🗃 852PMF	Time Start Time End Duty Shift Davide Saving
■ 850PMF-1 ■ 860PMF	
HTA-856	Adjust Minute
∎ HTA-860PMF-1	
	03. 0000 ♀ - 0759 ♀ ○ A ○ B ⊙ C ○ D Dee/Time Start
	01-04 05-08 09-12 13-16 00.01 0 0000 0
	Stein Timetable Read Set
	Time Sec M T W T F S S
	₩1 0000 0 ¢ V V V V V V
	V 2 0000 0 ¢ V V V V V
	(II) [2] [3] [4] [5] [6] [7] [8]
Login ADMIN Current opeartion: Hardw	

8-1-12 Advanced (HTA-810/820/830/840)

It is mainly to modify device's parameters. Operation Steps :

- 1. Select the device on the left side.
- 2. Click [Read] to get back current setting values of device.
- 3. Modify the parameter values.

4. After modify values, please remember to click [Set] then change will be in effect.

Parameter contents:

- Compress Card No : Compress the card number to increase the storage capacity. Only pure numbers can be compressed in this feature.
- Baud rate : Default is 9600. Please do not modify the baud rate. Otherwise, system cans not communication with HTA-810 and HTA-820)
- Device ID : Set HTA-810/820 ID. Once modify ID here, the ID in the [Hardware setting] will be modified at the same time.
- Memory Read/Write : Change memory value from specified block to change controller actions. Please contact with service for details operation. Please do not modify data arbitrary. Therefore controller will be abnormal.

File Basic Access Control	Attendance Recorder Elevator Parking Time	Attendance Patrol Report System External Program	Help
💁 Exit 🛛 🧧 Cardholder Info Setting 👘	👔 Mifare card Issuance 🚑 Add Users Automatic 🤹 Retrieve Fing	ger Pattern 🛛 🖌 Remote Open Door 💿 Event Monitor 🛛 🗶 Close	
Device = New Modify Nelete	Seve Copy Move A V STime Synchronizat Parameter Parameter Advanced	ion to All 🔑 Venify Device	
- 🖬 860PEF	Compress Card No	Memory Read/Write	
852PMF 850PMF-1		Index	
	Compress	Length 1	
HTA-856 HTA-860PMF-1	Baudrate	Value	
ITTH-OOM MI-T	9600		
		Read Set	
	Device ID		
	1		
	Read		
	Integral Set		

8-1-13 Parameter 1 (HTA-850/852)

It is mainly to modify device's parameters. Operation Steps :

- 1. Select the device on the left side.
- 2. Click [Read] to get back current setting values of device.
- 3. Modify the parameter values.

4. After modify values, please remember to click [Set] then change will be in effect.

Parameter contents :

- Master Card : Required to enter command mode of controller (Default is 30191000). Kindly refer to hardware manual.
- Overwrite Swipe Card Records : Able select do not record (NO), overwrite records (YES) or do not cover old records (Uncover).
 - When select NO : System will not save any swipe card record.
 - When select YES : System will save swipe card records. Once the storage limit is exceeded, system will overwrite from beginning.
 - When select Uncover : System will save swipe card records, once the storage limit is exceeded, LCD screen will display FULL message and stop to saving swipe card record. Kindly retrieve records ASAP.
- Save Invalid Card No : Store or not store invalid card records selection.
- Re-swipe Card Check Time (0-255 sec) : This is the time for checking the card repeatedly. Default is 0. As the time is set, when swiping the card more than once within a preset time, system will not record the event and make beep sound.
- RS-232 Device Output : Connect with LCD display, DVR or printer.
- Select LCD Language:
 - English : LCD displays English
 - Tradition Chinese : LCD displays Tradition Chinese
 - Simplified Chinese : LCD displays Simplified Chinese
- Retrieve Biometric Characteristics : Retrieve biometric characteristics from device to database.(For biometric characteristics device only):

Single Card: Retrieve single card biometric characteristics. Input card number first then press [Retrieve].

All Cards: Press [Retrieve] to retrieve all card biometric characteristics. It is highly recommend retrieving all card biometric characteristics at first time. After that, user can retrieve biometric characteristics singly to avoid long time retrieval. (System

will take 4~5 minds for 200 biometric characteristics)

NOTE : Please retrieve all biometric characteristics within no users use machine, especial avoid office hours lest retrieval failed. If retrieval failed, system will have a log file in C:\Program files\HAMS-19\Logs\date.log. Operator may know which retrieval is failed and retrieve it again by "Single Card".

	Parking TimeAttendance Elevator Patrol Repor		** 7
	Mifare setting 🐣 Add Users Automatic 🤹 Retrieve Biometric Charact 🔐 Save 🖧 Copy 📑 Order 🏤 Time Synchronization to All 👂 V		
HTA-860PMF	Parameter1 Parameter2 Parameter3 Parameter4 Parameter5 Mit	are Parameter	
	Master Card 30191000 Overwrite Swipe Card Records Uncover Save Invalid Card No. Ves Reswipe Card Check Time (0-255 sec)	Select LCD Language English Chinese (Tradition) Chinese (Simplified) Retrieve Biometric Characteristics Single Card All Cards Retrieve Simple Card	trieve
	0	HTA-852(COM1:19200@1)	
	RS-232 Output	2020/07/23 13:42:19 🔍 🗸 Set	Time
	Close	Version Time	Sync
		Read	let
Login ADMIN Current opeartion	: Hardware Setting Current Time 2020-07-23 13:42	29	.:

8-1-14 Parameter 2 (HTA-850/852)

It is mainly to modify device status. Operation Steps :

- 1. Select the device on the left side.
- 2. Click [Read] to get back current setting values of device.
- 3. Modify the parameter values.

4. After modify values, please remember to click [Set] then change will be in effect.

Parameter contents :

[Card No Status]

- Digits Only : Tick the check box signifies all card number should be digits. If card number with English letters, LCD will display error message after card swiped. If operators do not set how many digits should check, all number should be digits.
- Card No Length : Length of card number should be digits.

[Keypad Setup]

- Enable Number Key : Tick the check box to enable number key.
- Enable Function Key : Tick the check box to enable function keys F1~F4.
- Keypad with Backlight

Auto : When swipe card or press the keypad, the keypad backlight will activate automatic.

Open : Always activate of keypad backlight.

Close : Always inactivate of keypad backlight.

[Audio Status]

- Audio Prompt : It is allow operator to adjust the voice volume. (Only applicable below HTA-852V1.X)
 - Enable Audio Prompt : Tick the check box to enable Audio Prompt. (Biometric characteristics machine only)
 - Siren Output : Tick the check box to enable siren output.

[Retrieve valid code]

- Index : The index digit of retrieve valid card number.
- Length : How many digits you want to retrieve of valid card no.
 Ex : Card NO. is 1234567890, valid code index is 2, length is 6. The retrieve valid card no. will be 234567. Please note, in cardholder information, the card no. should be 234567 too, otherwise the door will not open.

[Door Relay Setup]

- Pulse (Second) : Door relay will return to original position within the time user set.
 Default is 4 seconds.
- Toggle : Door relay will not return to original position until door relay has been activated again.

[LCD Display Date]

- YYYY/MM/DD : LCD displays Year/Month/Day.
- MM/DD/YYYY : LCD displays Month/Day/Year.
- DD/MM/YYYY : LCD displays Day/Month/Year.

File Basic Access Control Attendance Recorder Elevator Parking Time	Attendance Patrol Report System External Program Help
🗄 🚛 Exit 📑 Cardholder Info Setting 🗽 Mifare card Issuance 🐣 Add Users Automatic 🤹 Retrieve Fing	
; Device 📫 New 🥩 Modify 🔫 Delete 🔛 Save 🛛 😜 Copy 👘 Move 🖍 💌 🍰 Time Synchronizati	ion to All 🔑 Verify Device
B30 Parameter1 Parameter2 Parameter3 Parameter4 Parameter5	Mifare Parameter
Status Status Status Status	Retrieve Valid Code
B50PMF-1	Index
	1
HTA-856	C Length 0 C
HTA-860PMF-1	
Keypad Setup	Door Relay Setup
Enable Number Key	 Pulse(Sec)
Enable Function Key	4 😋
Keypad with Backlight	O Toggle
 Auto 	
Open	CCD Display Date
○ Close	⊙ YYYYMM/DD
-Audio Status	○ MM/DD/YYYY
Audio Prompt	○ DDMM/YYYY
Enable Audio Prompt	Read Set
Sirên Output	
Login ADMIN Current opeartion: Hardware Setting Current Time 2014/3/10 丁午 05:27:16	

8-1-15 Parameter 3 (HTA-850/852)

It is mainly to set what duty shift you want to display in the device. Operation Steps :

- 1. Select the device on the left side.
- 2. Click [Read] to get back current setting values of device.
- 3. Modify the parameter values.

4. After modify values, please remember to click [Set] then change will be in effect.

Parameter contents :

[LCD Status Setup]

- LCD Display Message: Tick the check box, user-define message will be displayed.
- Backlight Mode

Auto : When swipe card or press the keypad, the LCD backlight will activate automatic.

Open : Always activate of LCD backlight.

Close : Always inactivate of LCD backlight.

[Duty Timetable]

- Display Duty Shift : Provide 9 sets duty shift name. The 7th set displays "Ready" when controller in the Ready Status. And 8th and 9th set is user-define. Need tick LCD Display Message function, then input messages.
- Duty Time Switch Table : Controller will switch duty shift and display on LCD base on this setting.

Operation Steps :

- Select numeric keys, 4 sets of duty shift time schedule to each numeric key 1~8. Total has 32 sets.
- 2. Tick the box which wants to display on the LCD.
- 3. Input start time. Like 0800.
- 4. Input duty shift code. Please input duty description in "Display Duty Shift Time "worksheet.

Note: It will need to set up the duty time in the area, when you synchronize the time. Otherwise, it will go back to default duty-on if the device checks the setting without duty time.

For instance, the normal duty time is 7:30~17:00. If you are looking for synchronization at 7:00, you need to set up another duty time from 00:00 to 07:29. After synchronization finishes, devices will check whether they have duty time or not

Duty Time Switch Table Display Duty Shift Time Duty Shift DUTY ON 1 **V** 00:01 2 2 DUTY OFF 3 BREAK OUT 07:30 1 7 2 • BREAK IN 4 OT_START 5 **V** 3 17:00 2 Ŧ 6 OT_END - 4 6 Ŧ 7 Ready! M1 TEST1 1 2 3 4 M2 TEST2 8 5 6 7

(00:01 will be duty off), the default duty-on will change to duty-off.

[Restore Duty Switch]

When change duty shift manual, if system need back to current duty shift.

- Enable : System will back to current duty shift automatically.
- Disable : System will stand in manual duty shift.

[Daylight Saving Time]

- Daylight Saving : Open or close this function.
- Adjust Mode : Time advance or delay.
- Date/Time Start : Start date and time
- Date/Time End : End date and time
- Adjust Minute : How many minutes should advance or delay.

ce 📫 New 📫 Modify 📫 Delete	Save Copy Move A V STime Synchronization	to All P Yerify Device	
830	Parameter/ Parameter/2 Parameter/3 Parameter/4 Parameter/5 N		
860PEF	LCD Status Setup	Restore Duty Switch	
852PMF 850PMF-1	LCD Display Message		
860PMF	Backlight Mode	Disable	
HTA-856	 Auto 	Daylight Saving Time	
HTA-860PMF-1	Open	Daylight Saving	
	◯ Close	Close	
	-Duty Timetable	Adjust Mode	
	Display Duty Shift Duty Time Switch Table	Time Advance	
	1 DUTY ON Time Duty Shift	Date/Time Start	
	2 DUTY OFF 1 6	01.01 🗢 00.00 🗘	
	3 BREAK OUT	Date/Time End	
	4 BREAK IN		
		Adjust Minute	
	6 OT_END	0000 0	
	7 Readyl	Read Set	
		I Keani	
	M1 TESTI 1 2 3 4		
	M2 TEST2 5 6 7 8		
	1		

8-1-16 Parameter 4 (HTA-850/852)

It is mainly to modify device parameters. Operation Steps :

- 1. Select the device on the left side.
- 2. Click [Read] to get back current setting values of device.
- 3. Modify the parameter values.

4. After modify values, please remember to click [Set] then change will be in effect.

Parameter contents :

[Error Procedure]

- Permit Error Times : Allowed error times of re-swiping card.
- Buzzer Frequency : When error times are over preset times, controller activate buzzer frequency.
- Disarm Alarm Mode : Select to deactivate the alarm by any valid card or Master card.
- Alarm Action : Enable or disable alarm action.

[Alarm Relay Setup]

- Pulse (Second) : It will return to original position within the time you set.
- Toggle : Alarm relay will not return to original position until alarm relay has been activated again.
- •Latch : It will not return to original position until alarm release code has been entered.

[Door Relay Action When Re-swipe Card]: When re-swipe card, if door relay activated. [Add 00 in front of Card NO] (Only support Mifare Model)

System will read Wiegand code back and add 00 in front of card number in the report.

[Finger]

- Activate 1:1 Authentication: Default is 1: N identification, user access by f biometric characteristics only. When tick the box, user need swipe card and put biometric characteristics for access.
- Assign a Biometric Characteristics as Master Card: Assign a biometric characteristics as master card/code.
- Swiped Cards don't have to Finger: When tick the check box, it signifies all cardholders may access by card only. System will not delete biometric characteristics from device after downloading authorizations. To restore biometric characteristics

access function, please un-tick the check box. (For biometric characteristics device only).

[Assign a biometric characteristics as Master Card] : After retrieve biometric characteristics templates to HAMS-19 database, user may select a cardholder and assign his/her biometric characteristics be a Master card/code. Please tick box of previous [Assign a Biometric Characteristics as Master Card] first.

File Basic Access Control F	Parking TimeAttendance Elevator Patrol Report	System External Program Help
	Mifare setting 🐣 Add Users Automatic 🧐 Retrieve Biometric Characte	
	Save Roopy Source Synchronization to All 🔑 Ve	
HTA-860PMF HTA-852	Parameter1 Parameter2 Parameter3 Parameter4 Parameter5 Miff	ue Parameter
	Error Procedure	
	Permit Error Times	Door Relay Action When Reswipe Card
	0	Open Add 00 in front of Card No
	Buzzer Frequency	Open
	0	Open
	Disam Alam Mode	Finger
	Valid Card 🗸	Activate 1:1 Authentication
	Alarm Action	Assign a Biometric Characteristics as Master Card
	Disable	Swiped Card don't have to Finger
	DEade	Assign a Biometric Characteristics as Master Card
	Alarm Relay Setup	
	Pulse(Sec)	▼
	0.0	Set Delete
		13ct Debe
	Toggle	Read
	 Latch 	14000 box
Login ADMIN Current opeartion:	Hardware Setting Current Time 2020-07-23 13:45:	44

8-1-17 Parameter 5 (HTA-850/852)

It is mainly to modify siren time schedule. Operation Steps :

- 1. Select the device on the left side.
- 2. Click [Read] to get back current setting values of device.
- 3. Modify the parameter values.

4. After modify values, please remember to click [Set] then change will be in effect.

Parameter contents :

[Siren Timetable]

Operation Steps :

- Select numeric keys, 4 sets of siren timetable to each numeric key 1~8. Total has 32 sets.
- 2. Tick the box which wants to activate.
- 3. Input start time.
- 4. Input duration. How many seconds you want siren works.
- 5. Tick the box of weekday. The siren will not activate if the check box is not ticked.

[Lunch Break Duration]

This function is reserved.

[Device Mode] (Only for HTA-850 series.)

- Unlock door by swiping any card : Do not need download authorization to recorder.
 And any card may open door.
- Valid Card + Name : Must download authorization to recorder. LCD will display card number and cardholder's name after card swiped.

[Memory Read/Write]

Change memory value from specified block to change controller actions. Please contact with service for details operation. Please do not modify data arbitrary. Therefore controller will be abnormal.

	ntrol Parking TimeAttendance Elevator Patrol Report System External Program Help
	tting 🍡 Mifare card Issuance 🐣 Add Users Automatic 🦋 Retrieve Finger Pattern 🖌 Remote Open Door 💿 Event Monitor 🗙 Close 🐟 Delete 📦 Save 号 Copy 🛊 Order 🏡 Time Synchronization to All 🤌 Verify Device
HTA852PMF	Parameter1 Parameter2 Parameter3 Parameter4 Parameter5 Mifae Parameter
HTA502PEF N HTA500PEF-N	Sien Timetable Memory Read/Write
HTA850PM	Time Sec M T W T F S S Index 14
	1 0000 0 0 0 Length 1
	2 00.00 0 🖶
	3 00:00 EEPROM Flash Memory Read Set
	Device Mode
	 Unlock door by swiping any card
	1 2 3 4 5 6 7 8 • Valid Card + Name
	Lunch Break Duration (logs). The whole procedure including the time to reset
	0 Read Set
	Read Set
	IN200 Jet
Login ADMIN Current or	peartion: Hardware Setting Current Time 2016/8/3 上午 11:26:16:

8-1-18 Mifare Parameter (HTA-850PM/HTA-852PMF)

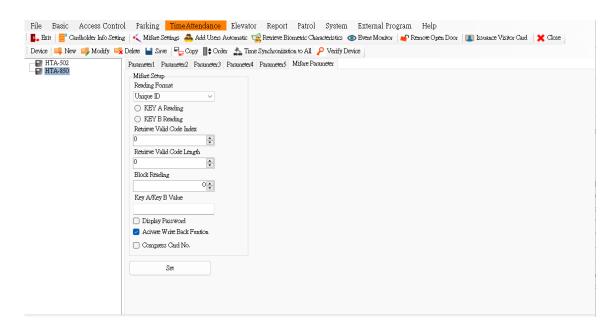
After modify values, please remember to click [Set] then change will be in effect.

[Mifare Setup]

Allow the user to set the reading unique ID or block of Mifare cards.

Operation Steps :

- Reading Format : Unique ID or Block selection. Allow user read serial number or Block. When Unique ID is selected, please ignore follow settings.
- Key A Reading : Login by Key A value.
- Key B Reading : Login by Key B value.
- Retrieve Valid Code Index : The index digit of retrieve valid card number.
- Retrieve Valid Code Length : how many digits you want to retrieve of valid card number. This parameter works hand in hand with "Retrieve valid code index".
- Block Reading : Assigned read allotted block.
- Key A/Key B Value : The value of allotted block
- Display Password : When tick the box, Key A/Key B 's password will display on plain code.
- Activate Write Back Function : Controller must have "Write-back function". Tick the check box to activate this function. (HTA-850PM only)
- Compress Card No. : Default is uncompressing card number. If need compress card number, please tick the check box.



8-1-19 Parameter 1 (HTA-500/502)

It is mainly to modify recorder's status.

Operation Steps:

- 1. Select the device on the left side.
- 2. Click [Read] to get back current setting values of device.
- 3. Modify the parameter values.

4. After modify values, please remember to click [Set] to save changes

Parameter contents:

 Retrieve Biometric Characteristics : Retrieve biometric characteristics from device to database.(For biometric characteristics device only): Single Card: Retrieve single card's biometric characteristics. Input card number first then press [Retrieve Biometric].
 All Cards: Press [Retrieve Biometric] to retrieve all cards' biometric characteristics. It is highly recommended to retrieve all cards' biometric characteristics at first time. After that, user can retrieve single card's biometric characteristics to avoid awaiting too long. (System will take 4~5 minutes for 200 biometric characteristics) NOTE : Please retrieve all biometric characteristics while no users use the machine, especially Not to do it during the busy clock In/Out time to avoid the retrieval failure. If the retrieval failed, system will have a log file in C:\Program files\HAMS-19\Logs\date.log to record which cards failed during biometric characteristics retrieval. Operator can retrieve it again by "Single Card" accordingly.

- Set Time : Input date and time by user.
- Time Sync : Synchronize time with PC lock.
- Version : After click this button, system will display current ROM version of HTA-500/502.

	Parking TimeAttendance	-		-	
Device 📫 New 🥩 Modify 🔩 Dele	🔨 Mifare setting 🐣 Add Users Automat te 🔛 Save 🏪 Copy 📲 Order 🏡 T			vent Monitor 🗙 Close	
HTA-860PMF HTA-502	Parameter1 Parameter2 Parameter2 HTA-502(172.16.42.61:46600				
	Retrieve Biometric Characteristics				
	 Single Card 		2020/07/23 13:56:37	Set Time	
	All Cards	Retrieve Biometric	Version	Time Sync	
			Read	Set	
ogin ADMIN Current opeartic	on: Hardware Setting Curren	t Time 2020-07-23 13:56	5:51		.:

8-1-20 Parameter 2 (HTA-500/502)

It is mainly to modify recorder's status.

Operation Steps:

- 1. Select the device on the left side.
- 2. Click [Read] to get back current setting values of device.
- 3. Modify the parameter values.

4. After modify values, please remember to click [Set] to save changes.

Parameter contents:

Time Attendance Parameters

- Master Card : The card number to enter command mode of controller (Default is 30191000). Kindly refer to hardware manual.
- Overwrite Swipe Card Records : To select whether to overwrite the old card swipe records if the memory is full
- Restore Duty Switch : When operators manually change duty shift, whether the device needs to return to current duty shift
 Yes : System will stay at manually changed duty shift.

No : System will return to current duty shift automatically.

Door I/O Parameters

- Unlock Door Relay Action Time : The action duration of door relay. Default is 4 seconds.
- Exit Button Status : Short Circuit Action or Open Circuit Action for choice. Default is Short Circuit Action.
- Door Sensor Status : The contact status of the door opening Sensor, which are N.O, N.C and Disable.

UI Parameters

- Select LCD Language: English : LCD displays in English Chinese (Traditional) : LCD displays in Traditional Chinese Chinese (Simplified) : LCD displays in Simplified Chinese
- Date format displays on LCD: YYYY/MM/DD : LCD displays Year/Month/Day. MM/DD/YYYY : LCD displays Month/Day/Year. DD/MM/YYYY : LCD displays Day/Month/Year. YYYY-MM-DD : LCD displays Year-Month-Day.

MM-DD-YY : LCD displays Month-Day-Year. DD-MM-YY : LCD displays Day-Month-Year.

- Keypad Setup: Enable Number Keys : Tick the check box to enable number keys.
 Enable Function Keys : Tick the check box to enable function keys F1~F6.
- LCD Status Setup: Message Stay Duration : How long the message stays on LCD

 Backlight Mode: Auto : When swipe card or press the keypad, the LCD backlight will be activated automatically.

Open: The LCD backlight is always on

• Fine Tuning of Time : RTC adjustment.

Every Few Hours : How many hours would like to be set 1 second forward or 1 second backward.

A-502 Parameteri Parameteri Parameteri Parameteri Parameteri Seta Parameteri Seta Seta Parameteri Seta Seta Parameteri Materi Cand		Keypad Setup
30191000 Overwrite Swipe Card Re	English Chinese (Tradition)	Erable Number Key Function Key
No Restore Duty Switch Open	Chinese (Simplified) LCD Display Dae YYYVMM/DD	LCD Status Setup Message Stay Duration
Door IO Parameters Unlock Door Relay Action First Button Status	O MM/DD/YYYY Time O DD/MM/YYY 4.0 O O YYYY-MM-DD O MM-DD-YY	Backlight Mode Anto Open
Short Crait Action Door Sensor Status N.O.	✓ O DD-MM-YY	Fine Tuning of Time Every Few Hours Set 1 second forward >

8-1-21 Parameter 3 (HTA-500/502)

It is mainly to modify duty shift status.

Operation Steps:

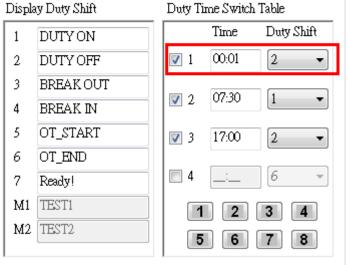
- 1. Select the device on the left side to modify.
- 2. Click [Read] to get back current setting values of device.
- 3. Modify the parameter values.
- 4. After modify values, please remember to click [Set] to save changes.

[Duty Timetable]

- Time : Controller will switch duty shift and display on LCD base on this setting.
 Operation Steps:
 - Select numeric keys, 8 sets of duty shift time schedule to each numeric key 1~4. The total of 32 sets are available
 - 2. Tick the box which wants to display on the LCD.
 - 3. Input start time.
- Duty Shift : Provide 8 duty-shift names which can be displayed on LCD. The names on 7th, 8th fields are self-defined

Note: It will need to set up the duty time in the area, when you synchronize the time. Otherwise, it will go back to default duty-on if the device checks the setting without duty time.

For instance, the normal duty time is 7:30~17:00. If you are looking for synchronization at 7:00, you need to set up another duty time from 00:00 to 07:29. After synchronization finishes, devices will check whether they have duty time or not (00:01 will be duty off), the default duty-on will change to duty-off.



HUNDURE

[Siren Timetable]

Operation Steps:

- Select numeric keys, 8 sets of alarm time schedule to each numeric key 1~4.The total of 32 sets are available.
- 2. Tick the box to activate.
- 3. Input start time.
- 4. Input duration of siren.
- 5. Tick the box of the days of the week. The siren will not be activated if the checkbox is not ticked.

[Daylight Saving Time]

- Daylight Saving : Close or Open this function.
- Adjust Mode : Time advance or delay.
- Time Start : Start time and date
- Time End : End time and date
- Adjust Minute : How many minutes would like to be set forward or backward.

ASCEM Duty Timetable Time Duty Shift I DUTY OFF 2 DUTY OFF 3 D	A852PMF A502PEF N A500PEF-N	Parameter1 Parameter2 Parameter3 USB File Transfer		
1 DUTY ON V 1 0000 10 V Adjust Mode 2 DUTY OFF 2 0 Adjust Mode 3 BREAK OUT 3 0 The Start 4 BREAK IN 4 0 Adjust Mode V 5 0.50 OT_START 5 0 Adjust Minue 6 0.7 0 Adjust Minue 0000 0 Adjust Minue 00.00 0 Adjust Minue 00.00 0 Adjust Minue 00.00 0 17 0	HTA850PM			
2 DUTY OFF 2 0 Adjust Mode 3 DEREAK OUT 3 0 Time Eledy 4 DEREAK IN 4 0 Time Eledy 5 0.050 OT_START 5 0 Adjust Minue 6 OT_END 6 0 Adjust Minue 8 0 0				
3 BREAK ROUT 3 0 True Stat 4 BREAK IN 4 0 True Ead 0.01 0.00 Adjust Minote 5 0.050 0T_START 5 0 Adjust Minote 6 0 0 Adjust Minote 7 0 0 8 0 0				
3 BEEAK NOT 3 0 01.01 00.00 100 4 BEEAK NN 4 0 1 <td></td> <td></td> <td></td> <td></td>				
0.01 0.00 0.5 0.50 0.5 0.50 0.5 0.5 0.6 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.5 0.5		3 _: BREAK OUT	3 0 🗧 🗆 🗆 🖬 🖬 🖬	
V 5 0050 OT_START 5 0 0 Adjust Minote 6 0 0 0 0 0 0 0 7 0 0 0 0 0 0 0 0 8 0 0 0 0 0 0 0 0 0		4 BREAK IN	4 0 +	
		▼ 5 00:50 OT_START		
		6 OI_END	6 <u> </u>	
		7	7	
1 2 3 4 1 2 3 4		8		
1 2 3 4 1 2 3 4				
		1 2 3 4	1 2 3 4	

8-1-22 USB File Transfer (HTA-500/502)

Import / Export data to Computer / Flash Pen Drive

[Write to USB] Export Data to Flash Pen Drive

- Card Number Data : Export Access Authority to Flash Pen Drive from computer.
 - The file name is USER.txt
- Parameters Data : Save controllers' parameters to Flash Pen Drive from computer.

The file name is Config.bin.

File Basic Access Cor	ntrol Parking TimeAttendance Elevator Patrol Report System External Program Help	
🕴 🕵 Exit 🛛 📑 Cardholder Info Sett	ting 🛛 🔨 Mifare setting 🐣 Add Users Automatic 🤹 Retrieve Finger Pattern 🖉 Remote Open Door 💿 Event Monitor 🛛 🗙 Close	
🕴 Device 📫 New 📑 Modify 🖷	👷 Delete 🔛 Save 🗣 Copy 📗 Order 🎄 Time Synchronization to All 🔑 Verify Device	
860PM-Test area 860PMF-Test area	Parameter2 Parameter2 Parameter3 File Transfer Through USB	
- 🔐 850PM-Test area	✓ Execute Write to USB	
- 📰 852PMF-Test area - 🗑 830PM-Test area		
820PM-Test area	Card Number Data	Directory
	Parameters Data	Directory
852		
	Retrieve from USB	
	Card Records	File
	Card Number Data	File
Login ADMIN Current op	weartion: Hardware Setting Current Time 2016/12/29 下午 04:31:20	

Bettit Cardholder Info Setting Device Rev Rev	🕻 Mifare setting Add Users Autom	Elevator Patrol Report System External Program Help natic 😭 Retrieve Finger Pattern 🗬 Remote Open Door 👁 Event Monitor 🗶 Close natione Synchronization to All <i>P</i> Verify Device 13 File Transfer Through USB	
- 28 830PM-Test area 200PM-Test area	Card Number Data	C:/Users\jenny\Desktop\USERS.tut	Directory
502PEF-NB 500PMF-N 852	Parameters Data		Directory
	- Retrieve from USB		
	Card Records		File
	💿 Card Number Data		File
Login ADMIN Current opeartion	: Hardware Setting Curre	ent Time 2016/12/29 下午 04:27:02	

File Basic Access Control Parking TimeAttendance Elevator Patrol Report System External Program Help
🚺 Erit 🚦 Cardholder Info Setting 🔨 Mifare setting 🐣 Add Users Automatic 🤹 Retrieve Finger Pattern 🖝 Remote Open Door 💿 Event Monitor 🗶 Close
Device 🖷 New 📁 Modify 🔩 Delete 🔛 Save 🗣 Copy 🎚 to Order 📩 Time Synchronization to All 🤌 Verify Device
800PM-Test area S00PM-Test area S00PM-Test area 800PM-Test area 0 0 0 0
ogin ADMIN Current opeartion: Hardware Setting Current Time 2016/12/29 下午 04:27:51

[Retrieve form USB] Import data to Computer from Flash Pen Drive

- Card Records : Import Card Records with the file name LOG.txt in the flash pen drive to computer's database and make a backup file to save to USB directory under HAMS (While save back to USB directory, please add the year/month/date/hour /minute in front of the original file name (e.g.: 201603110912LOG.txt)
- Card Number Data : Import access authority in the flash pen drive with the file name USER.txt to database and make a backup file to save to USB directory under HAMS (While save back to USB directory, please add the year/month/date/hour/minute in front of the original file name (e.g.: 201603110912USER.txt)

File Basic Access Control Parking Time Attendance Elevator Patrol Report System External Program Help Exit 📕 Casibolder Info Setting 🔨 Mifae setting 🚔 Add Uses Automatic 😭 Retrieve Finger Pattern 🖝 Remote Open Door 👁 Event Monitor 🗙 Close
🛿 Device 🛤 New 🧊 Modify 👒 Delete 🔛 Save 🗣 Copy 👔 Onder 🦾 Time Synchronization to All 👂 Venify Device
96/2FM-Test area 96/2FM-Test area 98/2FM-Test area
Login ADMIN Current opeartion: Hardware Setting Current Time 2016/12/29 下午 04:28:51 点

	Parking TimeAttendance Elevator Patrol Report System External Program Help	
	🔨 Mifare setting 🐥 Add Users Automatic 🕵 Retrieve Finger Pattern 🖌 🖝 Remote Open Door 💿 Event Monitor 🖌 🗙 Close	
Device A New Modify Neter B 860PM-Test area	lete 🔛 Save 🧧 Copy 📑 Order 🏡 Time Synchronization to All 🔑 Verify Device	
BOUP IN: Lest area BOUP IN: Lest area SOPM-Test area	Parameter/1 Parameter/2 Parameter/2 Parameter/2 Parameter/2 Image: Card Number Data Directory Image: Parameter/2 Data Directory	
	Retrieve from USB Card Records File	
	Card Number Data F/USER.nt File	
Login ADMIN Current opeartic	ion: Hardware Setting Current Time 2016/12/29 下午 04:30:02	:

8-2 Auth Setting

8-2-1 Group Authorization Setting

It is mainly to create device groups and assign user authorization.

Operation Steps:

- 1. Click [New].
- 2. Input group name.
- 3. Click [Save] to save the setting.

File Basic Access Control Parking Time Attenda Exit Cardholder Info Setting 1 Mifare card Issuance A Ad		al Program Help or Parent Monitor Y Close
Group Auth Setting Group Auth Inquire Download	•••••••••••••••••••••••••••••••••••••••	
🛛 📫 New 📫 Modify 📑 Delete	Authorization Setting	
Group Name	🕴 🛐 Door Schedule 🚨 Cardholder 🗙 Delete Cardholder 🍗	Export Cardholder 👌 Import Cardholder 🔍 Search
	Record 0	Record:0
	Strail No Door	Department Emp No Name
Login ADMIN Current opeartion: Auth Setting Cur	rent Time 2016/4/8 下午 06:01:28	

- 4. Go to [Door Schedule]. Tick controllers which you want to group.
 Hint : Speedy Selection : Press CTRL key and select controllers by mouse or press
 SHIFT key and select controllers successively by mouse.
- 5. Click [OK]. When read "Progress Completed" message and then press [OK] again.

New 📫 Modify 📫 Delete	Authorization Setting	
Group Name AA	👬 Door Schedule 🔺 Cardholder 💥 Delete Cardholder	🎦 Eitport Cardholder 👌 Import Cardholder 🔍 Search
	elect Door Group Schedule OK Caucel Set Revese Select	Emp No Name
	Door Status Setting Ø Door-1 1 Ø Door-201) 1 Ø Door-660 1	
L	Ī	

p Auth Setting Group Auth Inquire Download New 🥵 Modify 👊 Delete	Authorization Setting							
Group Name	E Day Scholub Car	ikalder 🦉 Deleteri	Salkohla	B. Frances	anihabler 🔺 Imparti	Continues.	Q Seach	
AA	Select Cardholder				1010			
	OK Cancel							
							Name	
	Depirtment 		holder					
	-V ABC	: 2	Select All	Select Non		_		
		1	V	Name David1	No 00001			
		2		David2	00002			
		3	_	David3	00003	-11		
		4		David4	00004	-		
		5		David5	00005	-111		
		6		David6	00006	- 11		
		▶7		David?	00007	- 11		
		8	8	David8	00008			
		9		David9	00009			
		10		David10	00010			
		11		David11	00011			
		12		David12	00012			
		13		David13	00013			
		14		David14	00014	- 11		
		15		David15	00015	- 11		
		16		David16	00016	-11		
		17		David17	00017	- 11		
		18		David18	00018	-11		
		19		David19	00019	-11		
		20		David20 David21	00020	_		

- 6. Go to [Cardholder]. Tick the department then you will read cardholder list which belong the department. And then you can start to tick the cardholders.
- 7. Click [OK] to save the setting. When read "Progress Completed" message and then press [OK] again to complete the setting. If want to delete the selection, just select the cardholder and press [Delete].

8. Able to use "Search" function according to the types of search criteria, like Emp. No,

File Basic Access Control Parking Time Attends Exit Carbolder Info Setting ' Mirking Time Attends Corp Auth Setting Googn Auth Inquire Download Very Kodity Carbon Access Control C	d Users Autonatic 📽 Retrieve Finger Patten 🖌 Remote Authorization Setting Record 2 Record 2 1 Doce 1 Doce 1	e Open Door 💿 Event Monitor 🗙 🤇		Q. Starch Name tex:002 tex:003 tex:004 tex:005 tex:006
	Emp. No. Name Department OK		00007	ES007

After setting completed, system also allows users to click [Export Cardholder] to produce a txt file base on the setting. The file only includes cardholder name and authority by department. This file may import to system and use for other group authorization.

8-2-2 Group Authorization Inquire

Enquire user's authorization. Specify the range according to Group, door and User name. Report provides print function and can be converted to TXT or XLS format for other application.

Operation Steps:

- 1. Check dynamic drop-down menu, you will read group, door, cardholder's name and time schedule selection is reserved.
- 2. Click [Search].

roup	Auth Setting Group	p Auth Inquire Dow	vnload		n 🗬 Remote Open Door 💿 Event Monitor 🗶 Close	
Gro			Door:	 Name: 	 Q Search 	
۲	Title Gro					
▶1	Group 111	D∞r HTA500PEF-N	Name MM1	-		
2	111	HTA500PEF-N	MM2	-		

8-2-3 Download

It is mainly to download users' authorizations to device.

Operation Steps:

- 1. There are two download methods. Tick "By Group Auth" or "By Device".
- 2. Select the Groups or devices which you want to download.
- 3. Download Type:
 - Download All : Download all users' information and authorizations.
 - Modification : Download modified users' information and authorizations.
- 4. Click [Start Download] to start the download.

E. Bin Canadatis lab.Series Mathice call burses A ball block datumet: Pinnee Open Data Canadatis lab.Series Core of the Series Core of the Ser		endance Recorder Elevator Parking Tin			
ITEST 130 000000000000000000000000000000000000			ngër Pattëm 🛛 💕 Rëmotë Opën Door 💿 Event Monitor	Close	
	TEST	830 800PEF 820PAF 820PAF 820PAF 820PAF 820PAF 800PAF 800PAF	odification		
	All				
	 By Group Auth 	 By Device 			
Login ADMIN Current opeartion: Auth Setting Current Time 2014/3/10 下午 05 54 54					

8-3 Event Monitor

It is mainly to monitor swipe card events or device actions in real time.

Operation Steps:

- Tick devices which you want to retrieve events. You may click [Select All]
 [Select None] [Restore] for quickly selection. (System will memorize preceding setting, when click [Restore], system will return to previous selection.)
- 2. Click [Retrieve] to retrieve the events.

Click [Stop Retrieve] then may exit retrieval function.

- Synchronize The Time While Activate Retrieving : Do the time synchronization one time while it start retrieving, but not do it anymore after that (the default has ticked the checkbox. This function are just for those devices which are selected on the "Time Sync" function to go for a time calibration.)
- Events : Display current retrieval.
- Schedule Log : Allow the users view schedule execute status. This function works with "Chapter 11-2 Schedule Setup".
- Advance Setting : Clean all events from screen.
- Patrol Status : Display patrol status.
- Event Menu : Operator may select what events would like to retrieval. Default is

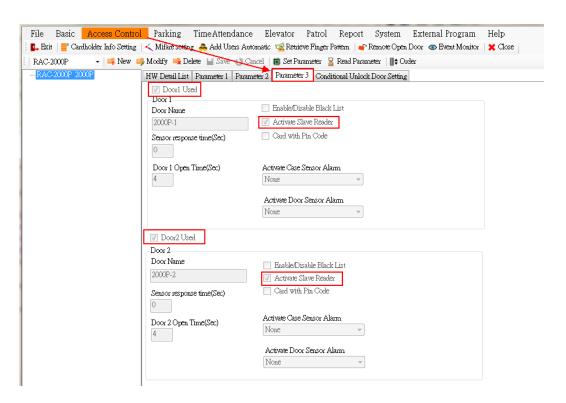
select all.

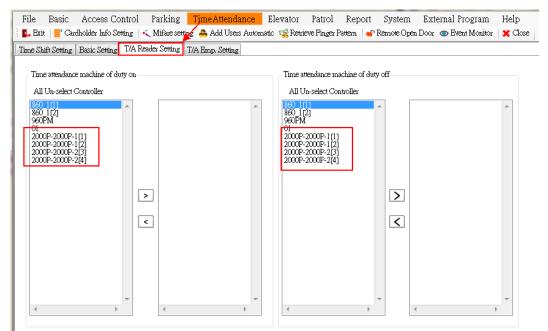
rieve Group		1enu							
Device Name	Status ^	Alarm Eve	nt Location	Name	Card No	Date	Event Explanation		
940PM-Test and			Location	INSIDE	Card No	Date	Event Explanation		
852PMFV-Test									
860PM-Test are									
860PMF-Testa									
850PM-Test are									
960PM-Testare									
852PMF-Test a	rea Polling De								
830PM-Test are	a Polling De	_Swipe Car	d Event						
000D) (T									
820PM-Test are	a Polling De		Location	Name	Card No	Date	Shift No	In/Out	Event Explanation
-	n Polling De		Location	Name	Card No	Date	Shift No	In/Out	Event Explanatio
-			Location	Name	Card No	Date	Shift No	In/Out	Event Explanation
2400-Test 2000W/SN-Test	<u> </u>		Location	Name	Card No	Date	Shift No	In/Out	Event Explanatio
2400-Test 2000WSN-Test	t		Location	Name	Card No	Date	Shift No	In/Out	Event Explanatio
2400-Test 2000WSN-Test 100WS-Test are 920PM-Test are	t	•	Location	Name		Date	Shift No	In/Out	Event Explanatio
2400-Test 2000W.SN-Test 100W.S-Test are 920PM-Test are 2400N-Test	t	< General Ev		Name			Shift No	In/Out	Event Explanatie
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8-4 Time Attendance Setting

Before set Time Attendance functions, please click "Access Control" button to select the control panel; Tick to use Door 1 and Door 2 (main readers ID1 \cdot ID3) and choose whether to activate slave readers (ID 2 \cdot 4); Tick the checkbox according to on-site installations to show all devices on "Time Attendance Settings" (These settings are just for HAMS-20 / HAMS-24 access control settings)







8-4-1 Time Shift Setting

It is mainly to set duty shift.

Image: Conduction Document Image: Add User Account: (a) Decreme Frage Document (a) Proceed Dyna Document (a) Conduction (a) C	File Basic Access Control Attendance Recorder Elevator Parking TimeAttendance Patrol Report System External Program Help	
i New Modify Delete See Concel Duty Skift Duty Skift Duty Skift Duty Skift Across miknight/Duty Off at next day) Vication Duty Skift Vication Duty Skift Two duties per day Working Hour Setting Nondey - Finday Nondey - Finday Didy Inter nage 0000 - 240 Didy inter nage 0000 - 0 Mande Standay - 1 Standay - 1 Mande Standay - 1 Mande Standay - 8 - Working Hours Setting - 8		
Detry Shift Duty Shift Name Pre-set Duty Shift A Code Duty Shift Name Pre-set Duty Shift A Working Hous Zetting Working Hous Zetting Two duties per day Monday - Finday Noonday Dutation Monday - Finday OOOO 0000 1200 + 1300 - Deby Shift Name - 240 Manue - 0 Duty Shift Name - 0 Monday - Finday - 0 OOO - 0 Munue - 0 Staurday - 1 OOO - 0 Working Hous Setting - 1 Working Hous Setting - 1 Working Hous Setting - 8 Working Hous Setting - 8 Working Hous Setting - 8	Time Shift Setting Basic Setting T/A Reader Setting	
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	i Notify Notify Notes i Notes i Notes Duty Shift Duty Shift Duty Shift Outy Shift Code Duty Shift Code Vacation Duty Shift Duty Shift Code Duty Shift Code Vacation Duty Shift Across makinght/Duty Off at next day) Vacation Duty Shift Outy Shift Code Duty Shift Code Vacation Duty Shift Two duties per day Vacation Duty Shift Outy Out 1200 1300 - 240 Minute Delay time range 0000 - 0 Minute Saturday 0000 - 0 Minute Saturday 0000 - 0 Minute Saturday 0000 - 0 Minute Standay 0000 - 0 Minute Standay - 1 Minute - Versitie Working Hours Steing - 8 - Parable Working Hours Steing - 8 - -	

Operation Steps :

- 1. Click $\lceil New \rfloor$
- 2. Input Duty shift code and name.
- 3. Working Hour Setting : (If any need to be changed, please click "Modify" first, then edit it

and then press "Save")

• Pre-set Duty Shift : If it is ticked, all employees will be pre-set to this duty shift. For

different duty shift setting, it needs to modify it on "Duty Shift

Setting" or go to "Cardholder info setting" to set shift name.

Duty Shif	t Code	Duty Shift Name	🔽 Pre-s	et Duty Shift
02		09-18	🔲 Vacation Duty Shift	
···· · ·	·· ~ ·			
Name	Date	Shift Name	Official Start	Official End
JENNY54	2017/09/21	02	09:00	18:00

File	e Basic	Access Contro	l Parking	Tim	eAtte	endance	Eleva	itor Pat	trol Rej	port S	ystem	External I	Program	Help		
. 1	Exit 📑 Cau	dholder Info Setting	🛛 🔨 Mifare setting	-	Add 1	Users Auto	matic 🤹	Retrieve Fi	nger Pattern	🖌 🖌 Rem	ote Open D	loor 💿 Ev	ent Monitor	🗙 Close		
Q.	Search				Na	me:JENN:	754 Sele	ct Month: 2	2017/09	•	📫 New	🥪 Modify	🛼 Delete			_
NIa	me	Dep		_		Mont	h	1	2	3	4	5	6	7	8	
INA	me	Dep				_										
Fre	np. No.					🖳 Duty	/ Status S	etting[JEN	INY54]							
	ip. 140.						/									٦
_	-			_		Sel	3	01]08-17	•	2017/	9	AD	uty	Reset		
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		52	JENNY52 JENNY53	-			Sun	Mon	Tue	Wed	Thu	Fri	Sat			
_	PR											1	2			
_	PM	54	JENNY54													
	PM	55	JENNY55	-			3	4	5	6	7	8	9			
	PM	56	JENNY56	_												
	PM	57	JENNY57	_			10	11	12	13	14	15	16			
	PM	58	JENNY58					1								
	PM	59	JENNY59				17	18	19	20	21	22	23			
	RD	6	DAVE6							20						
	PM	60	JENNY60	=												
	PM	61	JENNY61				24	25	26	27	28	29	30			
	PM	62	JENNY62				L									
	PM	63	JENNY63													
	PM	64	JENNY64													
	PM	65	JENNY65	-					Save		Clo	3e				
	PM	66	JENNY66													
	PM	67	JENNY67	-												

File	Basic Acc	ess Control	Parking TimeA	ttend	lance	Elevator	Patrol	Report	System	Exte
i 📭 E	Exit <mark>=</mark> " Cardholde	r Info Setting 🛛 🔹	🔇 Mifare setting 🛛 🐣 Ad	d Usea	rs Automa	atic 🤹 Retri	eve Finger I	Pattem 🛶	Remote Oper	n Door
🕴 📫 N	lew = Modify 🛋	🖌 Delete 🛛 🔛 Sav	e 🕐 Cancel 📹 Advai	nce C	🔪 Search	🛛 🛯 🖌 First rea	cord 🖣 Pi	receding 🕨	Next 🕨 La	ist record
Selec	t	•	Records:102	.						
	Name	Emp No	Department	^		Nam	e: JENN	Y54		
48	DAVE5	5	RD			Departme	nt PM			
49	JENNY50	50	PR							
50	JENNY51	51	PR			Emp N	lo: 54			
51	JENNY52	52	PR			Second Nam	ie:			
52	JENNY53	53	PR			Date Sta	rt:		-	
▶53	JENNY54	54	PM		R	esignation Da	te:			
54	JENNY55	55	PM			Card N	lo: 54			
55	JENNY56	56	PM		\sim					
56	JENNY57	57	PM		$ \geq$	Passwor	rd:			
57	JENNY58	58	PM		Ľ)uty Shift Nan	ne		*	
58	JENNY59	59	PM				Cau	rd Swiped Or	лly	

 Vacation Duty Shift : Set Vacation (Holiday) Duty Shift for shift planning. It means to assign a certain date to be a Holiday and then it will show "Vacation" on that day in the reports of "Attendance Record Transferring".

ile E		ccess Control	0			-	•	External Program Help	
				T/A Emp. Setting	atomatic 🤹 Ketrieve.	ringer Pattern 🛶 Rei	mote Open I	Door 💿 Event Monitor 🛛 🗙 Close	
	lew 🥏 Modify								
	Duty Shift Code	Duty Shift Name		Duty Shift Code	Duty Shift Name	Pre-set Duty .	Shift	🔲 Across midnight(Duty Off at next da	y)
	01	Normal class01		03	Holiday	🛶 🔽 Vacation Dut	y Shift	🔲 Two duties per day	
_	02.	Normal class02		– Workin <u>g Hour Setti</u> Monday - Friday	ig Noonday Duration	Monday - Firday	<u></u>	t working time	
	03	Holiday		08:00 - 17:00				40 Minute	
	04	vacation		Delay time range				ve early time	
				00:00 - 00:00)	-		Minute	
				Saturday			Lun	ch Break	
				00:00 - 00:00) 12:00 - 13:00			0 Minute	
				Sunday				rking Hours Per Day	
				00:00 - 00:00	12:00 - 13:00	-		8	
				🖉 Flexible Workin	2				
				Flexible Working F Time Interval	Iours Setting Deadline				
					nute 09:00				

1.5	Search			i N	ame:Je	mny Sele	ect Month	: 2017/1	0	- 📫 Þ	lew 📫 M	odify 📑 I)elete							
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	RD	10	DAVE10			1	2	3	4	5	6	7								
	RD1	100	ALAN100			04	01	01	01	01	01	04								
	RD	11	DAVE11			8	9	10	11	12	13	14								
	RD	12	DAVE12			04	01	01	01	01	01	04								
	RD	13	DAVE13		_	15	16	17	18	19	20	21								
	RD	14	DAVE14		Г	04	01	01	01	03	01	04								
	RD	15	DAVE15			22	23	24	25	26	27	28								
	SALE	16	AMY16		_	04	01	01	01	01	01	04								
	SALE	17	AMY17			29	30	31												
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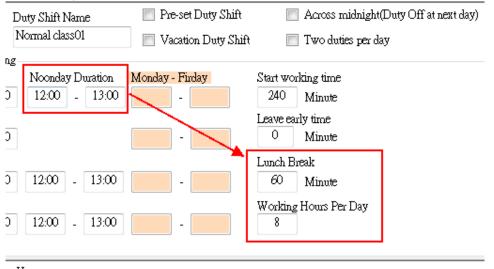
Name	Date	Shift Name	Official Start	Official End	Duty On Status	Duty Off Status
Jenny	2017/10/19	03	08:00	17:00	Vacation	Vacation
Amy	2017/10/19	02	09:00	18:00	None	None
JENNY54	2017/10/19	02	09:00	18:00	None	None
JENNY55	2017/10/19	02	09:00	18:00	None	None

- Across midnight (Duty Off at next day) : Duty off time may at next day. (Only available for one shift)
- Two duties per day : Two shifts per day; Tick the checkbox to set/edit the fields of two shifts. The "across midnight" function can't be applied to two shifts per day.
- Monday ~ Friday : Set start time and end time of weekday of first duty.

e.g.: The on duty / off duty time is 08:00 / 17:00. If an employee takes half-day off, the swiping-card time will be at noon. The system will separate the morning time or afternoon time by the midpoint of working hours. In this case, the midpoint time is 12:30. If the employee swipes card by 12:30, it will be deemed to swipe card in the morning. If it's after 12:31 to swipe card, it will be deemed as swiping card in afternoon.

- Monday ~ Friday : Set start time and end time of weekday of second duty.
- Noonday Duration : Break in and out time.

e.g.: The lunch break is from 12:00~13:00, 60 minutes in total. If the lunch break time is not included in work hours, please fill out 60 minutes in the field. If so, the system will deduct the lunch time (60 minutes) while check the employee's work hours. e.g.: as the report below, the employee clocked out at 15:30, the work hours are <u>6.5 hours</u>, the abnormal work hours are <u>1.5 hours</u>.



or Hours

Duty On Status	Duty Off Status	Working Start	Working End	Working Hours	Abnormal Hours	Help
Normol	Abnormal Swipe	07:57	15:30	6.5	1.5	
None	None	;	;	0.0	8	·

If lunch time is counted as hours worked, then fill out 0 to this field to make the system include the lunch time to work hours in the report. An example as below: The employee clocked out at 15:30; the work hours are 7.5 hours and the abnormal work hour is 0.5 hour.

Duty On Status	Duty Off Status	Working Start	Working End	Working Hours	Abnormal Hours	Help
Normol	Abnormal Swipe	07:57	15:30	7.5	0.5	
None	None	;	;	0.0	8	·

• Delay time range : Arrival time within this range means the cardholder is late.

e.g.: An employee's day starts at 8:00 am, finishes at 17:00. If the employee clocks in one day at 8:01, the system will determine it as lateness.

00.00			
08:00 - 17:00	12:00	-	13:00
Delay time range			
08:01 - 09:00			

Duty On Status	Duty Off Status	Working Start	Working End	Working Hours	Abnormal Hours	Help	Late
Auroine I Lote		08:01	12.04			L	
Amval Late		08:01	17.04	17.9	10.1		

If a company has 10 minutes for clock-in tolerance (grace period) and pre-set the lateness range to be 08:10~09:00, but the time 08:01~08:09 is the tolerance period, won't be counted as lateness, so the system will determine this condition to be a card-swipe abnormal case. To avoid this condition, please tick the checkbox "flexible working hours" and set the amount of flexi time.

e.g.: A company's work hours are from $08:00 \sim 17:00$; with the grace period 10 minutes, the lateness range is $08:10 \sim 09:00$. If an employee clocks in at 08:01, the system judges it as an abnormal card-swipe but not count it in lateness.



	Duty On Status	Duty Off Status	Working Start	Working End	Working Hours	Abnormal Hours	Help	Late	
	Abnormal Swipe	Normol	08:01	17:04	7.9	0.1		0	T-
_	Cand					•••		Ť	
	Abnormal Swipe	Normol	08:01	17:04	7.9	0.1		0	Π.
	Coul			'				-	

It allows to tick the checkbox of "flexible working hours" to adjust the work hours. Set 08:01~08:09 as flexi time. If an employee clock in at 8:05, it becomes normal event, not abnormal event, but the clock-out time has to be 17:06 or later. Clock out before 17:06 will be recorded as early-out.

Working Hour Setting											
Monday	r - Fr	iday	Noonda	уDı	uration						
08:00	-	17:00	12:00	- [13:00						
Delay ti	mera	Ange									
08:10] - [09:00									
Saturda	y										
00:00] - [00:00	12:00	-	13:00						
Sunday											
00:00	-	00:00	12:00	-	13:00						
	_										
🔽 Flexi	ble V	Vorking H	Iours								
-Flexible											
Time	Inter	rval	Dea	dline	;						
		1 Minut	e 🖓	:09]						

Duty On Status	Duty Off Status	Working Start	Working End	Working Hours	Abnormal Hours	Help	Late	Γ
Normol	Normol	08:01	17:04	80	0		0	Te
Normol	Normol	08:01	17:04	8.0	0		0	Ċ

Duty On Status	Duty Off Status	Working Start	Working End	Working Hours	Abnormal Hours	Help	Late	Leave Early
Normol	Leave Early	08:05	17:05	7.9	0.1		0	1
Normol	Leave Early	08:05	17:05	7.9	0.1		0	1

- Saturday & Sunday: Set start time and end time of Saturday and Sunday. Default is 00:00~00:00 which means there's no work. Accrued Time attendance record may not read data when set 00:00~00:00.
- Start Working time : Counts the half day working hours. Default is 240 minutes (4 hours). If working hours are from 08:00-17:00, start working time is 04:00.
- Leave early time : Set by minutes. It defines leave time is early then normal setting. Ex. Duty hours is from 08:00-17:00. Leave early time is 5 minutes, so the user can leave the office by 16:55. If the user leaves the office at 16:54, the system will treat this situation as an abnormal condition. If the checkbox of "flexible working hours" being ticked, the normal work hours will be changed accordingly. e.g.: the flexi-time is 10 minutes; If an employee clocks in at 08:03, the clock-out time has to be 17:10 or later. Clocks out at 17:00 ~ 17:09 will be determined as early-out.

Duty On Status	Duty Off Status	Working Start	Working End	Working Hours	Abnormal Hours
Normol	Leave Early	07:58	16:55	7.9	0.1
Normol	Abnormal Swipe	08:00	16:54	7.9	0.1
	37 1	~	171.00		

• Lunch Break : Listed how many minutes for lunch break. Needs to work with card-swipe on lunch break time. If the lunch break is 60 minutes, then fill out the

lunch break 60 minutes. The system will deduct 60 minutes when it is in abnormal card swipe. If you don't want to deduct the lunch break time, then please just fill out "0"

Working Hours Per Day : How many working hours a day. When employee's work hours are abnormal, the system will decide the work hours according to the settings.
 e.g.: in the below table, in case of the work hours are 8 hours, the employee clocks out at 15:30,the work hours are 6.5 hours and the abnormal hours are 1.5 hours.

Duty On Status	Duty Off Status	Working Start	Working End	Working Hours	Abnormal Hours	Help
Normol	Abnormal Swipe	07:57	15:30	6.5	1.5	
None	None	;	;	0.0	8	·

4. Flexible working Hours : Tick the check box and input time interval and cutoff time. It defines the flexible working time. If function is not selected, the working time follows original setting.

Ex : The working hour is 08:00-17:00. If time interval is 30 minutes and cutoff time is 08:30, there will be two flexible working groups -- 0800-1700 and 0830-1730.

e.g.: as the table shown below, clocks-in at 08:15, clocks out at 17:30, it shows normal; clocks in at 08:09, clocks-out at 17:10, it will show abnormal card swipe, because the clock-out time should be after 17:30. (if set time interval to be 10 minutes, there will 3 flexi-times 08:10~17:10, 08:20~17:20, 08:30~17:30)

Monday	iday	Noonda	уDı	uration						
08:00	-	17:00	12:00] - [13:00					
Delay tir	ner	Ange								
08:31	-	09:00								
Saturday	r									
00:00	-	00:00	12:00	-	13:00					
Sunday										
00:00	-	00:00	12:00	-	13:00					
🗸 Flexil	ble V	Vorking H	Iours							
Flexible	Wo	rking Hou	us Setting		_					
Time Interval Deadline										
30 Minute 08:30										

]	Outy On Duty Off Status Status		Working Start	Working End	Working Hours	Abnormal Hours	Help	Late	
Γ	Normol	Normol	08:15	17:30	8.0	0		0	
	Normol	Abnormal Swipe	08:09	17:09	7.8	0.2		0	

If set the time interval to be 1 minute, then it will be normal if clocks in at 08:09 and clock

out at 17:10.

Flexible Working Hours									
Flexible Working Hours &	Setting								
Time Interval	Deadline								
1 Minute	08:30								

Duty On Status	Duty Off Status Working Start		ut Working End Working Hours		Abnormal Hours	Help	Late
Normol	Normol	08:15	17:30	8.0	0		0
Normol	Normol	08:09	17:10	8.0	0		0

5.Click $\ ^{\lceil} Save \, \lrcorner$ once the above operation steps finished.

Time Shift Setting	Basic Setting	T/A Reader Setting	T/A Emp. Se
i 💷 New 📑 Mo	dify 🔍 Delet	e 📔 Save 🕐 Can	æl
D 01.0	n In in	01.20	

8-4-2 Basic Setting

It defines all possible reasons for requesting a leave.

Operation Steps :

- 1. Click 「New」
- 2. Input excuse code and name, ex. Annual leave, normal leave or sick leave.

3. Click \lceil Save $_{\perp}$ to save the settings.

		Attendance Recorder	-		Patrol Report	Strotom	External Program	Help
		🕆 Mifare card Issuance 🚑 A						TOP
		eader Setting T/A Emp. Settin						
Time Shift Setti	ng Basic Setting T/A R Modify 📑 Delete 🛛 🖨	eader Setting T/A Emp. Settin Update	₹ E E	coute Code:	Remote Open Door 4			
and ADMIN		4 m - 3 m						

8-4-3 T/A Reader Setting

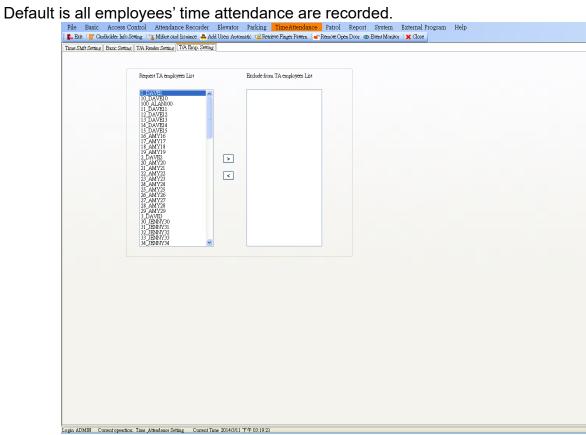
If no readers are selected, the system will treat all readers are for time attendance system.

Operation Steps :

- 1. Select Duty On reader. Click key > to move the reader from left side to right side.
- 2. Select Duty Off reader. Click key b to move the reader from left side to right side.

8-4-4 T/A Emp. Setting

Select employees who don't require time attendance monitoring. Click key \ge to move the employees from left side to right side.



8-5 Duty Shift Setting

It defines employees' duty shift if user does not use preset duty shift.

Operation Steps :

- 1. Select employees or quickly search by employee name, department or Emp. number.
- 2. Select month of duty shift.
- 3. Input 「New」
- 4. Select duty shift code first then click the blank space of date, the duty shift will be assigned to the date. If the same duty shift is applicable to all dates within a month, please click A Duty Shift to assign a duty shift for whole month. For specific date of month, user can modify it manually. To clear the setting of the whole month, please click Reset .
- 5. Click \lceil Save \rfloor to save the settings.

File		ccess Control der Info Setting 🍟													Help					
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Nan		,			Month		1	2	3	4	5	6	7	8	9	10	11	12	13	14
		,		•	2014/03				[01]A	[01]A	[01]A	[01]A	[01]A			[01]A	[01]A	[01]A	[01]A	[01] <i>F</i>
Emp	No.																			
	Dep	Emp No	Name 🔥																	
•	RD	1	DAVEI																	
	RD	2	DAVE2			Duty Sta	tus Settin;	g[DAVE1]												
	RD	3	DAVE3																	
	RD	4	DAVB4			Select:	1011A		~	2014/0	2 A 1	Duty Shift	Reset							
	RD	5	DAVE5				E. C.			2014/0										
	RD	6	DAVE6			S	un N	fon T	lhu I	Wed TI	u Fri	Sat								
	RD	7	DAVE7									_ 1	_							
	RD	8	DAVE8																	
	RD	9	DAVE9						4	5 6										
	RD	10	DAVE10				[]	01]A [0	1]A [[01]A [D1]A [01]	A								
	RD	11	DAVE11				9 1	10 1	11	12 1	3 14	15								
	RD	12	DAVE12				0]	01]A [0	1]A [[01]A [01]A [01]	A .								
	RD	13	DAVE13			1	1 6 1	17 1	18	19 2	0 21	22								
	RD	14	DAVE14				0)1]A [0	1]A [[01]Å [01]A [01]	A								
	RD	15	DAVE15				13	24 2	25	26 2	7 28	29	_							
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	SALE	17	AMY17				10	31												
	SALE	18	AMY18					01]A												
	SALE	19	AMY19																	
	SALE	20	AMY20						Save		Close									
	SALE	21	AMY21					_		, _										
	SALE	22	AMY22												.::					
	SALE	23	AMY23																	
	SALE	24	AMY24																	
	SALE	25	AMY25																	
	SALE	26	AMY26																	
	SALE	27	AMY27																	
	SALE	28	AMY28																	
	PR	29	AMY29																	
	PR	30	JENNY30																	
	PR	31	JENNY31																	
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8-6 Input Operation

It defines to set employees' excuse form. Operation Steps :

- 1. Select the employee or quickly search by Emp. No or name.
- 2. Click $\lceil New \rfloor$
- 3. Select Excuse type. Please set excuse name and code in "Basic Setting".
- 4. Select a duty per day or two duties per day.
- 5. Select AM, PM or Whole day. The system will change the date and time automatically.
- 6. If the date and time are incorrect, user may modify excuse month, date and time manually.
- 7. Click \lceil Save \rfloor .
- 8. Select the person you want to query and the system will display all the leave details for this person. You can also query by month and then click "Update".

ation			Norr - Madi	y 🖏 Delete Select 1	Marsh.	- 49 Up	lan					
ch o.	Name	-	Name	Department	Excuse	Month of	Ask for leave	Time Start	Date End	Time End	Absent Days	Aksent Hours
			Davidl	hundure06	holiday	Leave 2019/10	date 03	08:00	03	12:00	0	4.0
			David1	hundure06	sick leave	2019/10	10	13:00	10	12:00	0	4.0
Department undure06	Name David1	î.	David1	hundure06	sick leave	2019/12	23	08:00	23	12:00	0	4.0
ABC	David1 David2		David1	Leave Form		201912	ω		- 0 X	12:00	0	4.0
ABC	David2 David3		David1		- input					23:59	1	0.0
ABC	David4		Davior	Emp l	D: 00001 [David	1)				25.59		0.0
ABC	David4			Excus								
ABC	David5 David6			23[sic	k leave] 🔻	A duty per	day 💿 Two duties pe	er day				
ABC	Davido David7			Month	n of Leave							
BC .	David?			20204	01 👻	AM	○ PM	O Wholeday				
ABC	David9						0.11					
ABC	David10											
ABC	David10 David11											
ABC	David11 David12				rt Date Time	c11	(Hour)					
ABC	David12 David13			08				4				
ABC	David15 David14			<u></u>	•		2.00					
ABC	David14 David15											
ABC	David15 David16											
ABC	David10 David17											
ABC	David17 David18											
ABC	David19											
ABC	David19 David20											
ABC	David20 David21					Save	Close					
ABC	David21 David22											
ABC	David23			<u> </u>								
ABC	David25 David24											
ABC	David24 David25											
ABC	David25 David26											
20~	100.00020											

8-7 Attendance Records Transferring

Specify the range of time attendance records according to department, employee name, employee no. or date. After report has been generated, if duty shift or swipe card data have been changed, please delete the report, renew the selections and click \ulcorner Reset $_$. The newly time attendance report will be generated. Report can be converted to TXT or XLS format for other application.

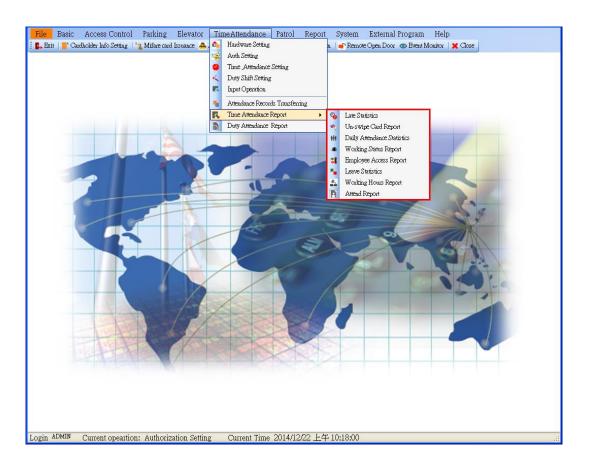
ele	t Name															
	Emp No		partment:	Search	Sav	re Path	Excel Format									
	Date 2020/01.08	- 2020/0	1.08		C	EXPORT.TXT			Export							
	Department	Emp No	Name	Date	Shift Name	Official Start	Official End	Duty On Status	Duty Off Status	Working Start	Working End	Working Hours	Abnormal Hours	Help		
1	ABC	00002	David2	2020/01/08	01	08:00	17:00	None	None	;		0.0	8			
2	ABC	00003	David3	2020/01/08	01	08:00	17:00	None	None			0.0	8			
3	ABC	00004	David4	2020/01/08	01	08:00	17:00	None	None			0.0	8			
4	ABC	00005	David5	2020/01/08	01	08:00	17:00	None	None			0.0	8	-		
5	ABC	00006	David6	2020/01/08	01	08:00	17:00	None	None			0.0	8	-		
6	ABC	00007	David7	2020/01/08	01	00:00	17:00	None	None			0.0	8	-		
7	ABC	00008	David8	2020/01/08	01	08:00	17:00	None	None			0.0	8			
8	ABC	00009	David9	2020/01/08	01	08:00	17:00	None	None			0.0	8	-		
9	ABC	00010	David10	2020/01/08	01	08:00	17:00	None	None			0.0	8	-		
	ABC	00011	David11	2020/01/08	01	08:00	17:00	None	None			0.0	8	-		
	ABC	00012	David12	2020/01/08	01	08:00	17:00	None	None			0.0	8	-		
	ABC	00013	David13	2020/01/08	01	08:00	17:00	None	None			0.0	8	-		
	ABC	00014	David14	2020/01/08	01	08:00	17:00	None	None			0.0	8	-		
	ABC	00015	David15	2020/01/08	01	08:00	17:00	None	None			0.0	8			
-14	ABC	00016	David16	2020/01/08	01	08:00	17:00	None	None			0.0	8			
		+				08.00	12:00	None	None			0.0	0			
15	ABC	00017	David17	2020/01/08	01	08:00 17:00 None None 0.0 8										

8-8 Time Attendance report

Specify the range of time attendance records according to department, employee name, and employee no or date. Report can be converted to TXT or XLS format for other application.

브 : Print.

E Report column is remove able (Do not support Daily Attendant Statistic)



8-8-1 Late Statistic

Specify the range according to Cardholder Name, Department, Emp No and Date selection.

Exit Cardholder Info Setting Status Add Users Automatic Retrieve Finger Pattern Remote Open Door Steant Monitor Core Core Pattern Remote Open Door Event Monitor Core Remote Open Door Event Monitor Core Pattern Remote Open Door Event Monitor Remote Open Door Event											
	Department	Emp No	Name	01[Mo]	02[Tu]	03[We]	04[Th]	05[Fr]	06[Sa]	07[Su]	
▶ 1	General Manager	0000000001	Daveid1	0	0	0	0	0	0	0	
2	General Manager	000000002	Daveid2	0	0	0	0	0	0	0	
3	Marketing Busin	000000003	Daveid3	0	0	0	0	0	0	0	
4	Marketing Busin	000000004	Daveid4	0	0	0	0	0	0	0	
5	Research Busine	0000000005	Daveid5	0	0	0	0	0	0	0	
6	Research Busine	000000006	Daveid6	0	0	0	0	0	0	0	
7	Production Busin	000000007	Daveid7	0	0	0	0	0	0	0	
8	Production Busin	000000008	Daveid8	0	0	0	0	0	0	0	
9	Chairman room	000000009	Daveid9	0	0	0	0	0	0	0	
10	Chairman room	0000000010	Daveid10	0	0	0	0	0	0	0	

8-8-2 Un-swipe Card Report

Allow operators to query un-swipe card employee information.

If users have two duty shifts, the report may display two duty shifts' information.

File			arking Elevat			Report Syst		Program Help © Event Monitor	(Terre
	.—			🚗 Add Osers Auto	omatic 😪 Retrieve r	'inger Pattern 🛶' i	kemote Open Door	C Event Monitor	Close
: • P	int 🐴 Column	Inte On-Swipe Car	акероп						
- ^{Cond} [[ition Name Emp No Date 2014/12/01	Departme	Search Un-sw	h vip(Duty On) vip(Duty Off)	Export Text Save Path CAEXPORT.TXT	Excel		E	3xport
	Name	Emp No	Department	Date	Working Status(1)	Duty Off Status(1)	Working Status(2)	Duty Off Status(2)	
▶ 1	Chairman room	000000009	David9	2014/12/18	None	None	None	None	
2	Chairman room	00000009	David9	2014/12/19	None	None	None	None	
3	Chairman room	000000009	David9	2014/12/20	None	None	None	None	
4	Chairman room	0000000010	David10	2014/12/18	None	None	None	None	
5	Chairman room	0000000010	David10	2014/12/19	None	None	None	None	
6	Chairman room	0000000010	David10	2014/12/20	None	None	None	None	
7	General Manager	0000000001	David1	2014/12/20	None	None	None	None	
8	General Manager	00000002	David2	2014/12/20	None	None	None	None	
9	hundure	0000000011	David11	2014/12/18	None	None	None	None	
10	hundure	0000000012	David12	2014/12/18	None	None	None	None	
11	hundure	000000013	David13	2014/12/18	None	None	None	None	
12	hundure	000000014	David14	2014/12/18	None	None	None	None	
13	hundure	0000000015	David15	2014/12/18	None	None	None	None	
14	hundure	000000016	David16	2014/12/18	None	None	None	None	
15	hundurē	000000017	David17	2014/12/18	None	None	None	None	
16	hundure	000000018	David18	2014/12/18	None	None	None	None	
17	hundurē	0000000019	David19	2014/12/18	None	None	None	None	
18	hundure	000000020	David20	2014/12/18	None	None	None	None	
19	hundurē	000000021	David21	2014/12/18	None	None	None	None	
20	hundure	000000022	David22	2014/12/18	None	None	None	None	
21	hundurē	000000023	David23	2014/12/18	None	None	None	None	

8-8-3 Daily Attendant Statistic

Allow users query by department. If search directly, system will display all user amounts by every department.

File Basic Access Control Parking Elevator Tim	neAttendance Patrol Report System External Program Help
	Jsers Automatic 🤹 Retrieve Finger Pattern 🛛 🔐 Remote Open Door 💿 Event Monitor 🔰 🗶 Close
Print Title Daily Attendance Statistics	
: Fint The Daily Atchuance Statistics	
Condition	Export
Department	V Text Excel
Search	
	Save Path
Date	C:/EXPORT.TXT Export
2014/12/29 🛛 - 2014/12/29 🖌	
Department 29[Mo]	
▶ 1 hundure 0	
2 Chairman room 0	
3 Production Busin 0	
4 Research Busine 0	
5 Marketing Busin 0	
6 General Manager 0	

8-8-4 Working Status Report

Specify the range according to Cardholder Name, Department, Emp No and Date selection.

- Cond	xit <mark>=</mark> ' Cardholder int ≒ Column	Info Setting 1/2 1 Title Working State Department	ıs Report	Add Users Autor	natic 🤹 Retrieve F port	Report Syst inger Pattern		ogram Help ⊳ Event Monitor ¥ Close Brport	
	Department	Emp No	Name	18[Th]	19[Fr]	20[Sa]	Days		
▶ 1	General Manager	0000000001	Daveid1	[08:48]-[18:48] [:]-[:]	[09:05]-[22:32] [:]-[:]	[:]-[:] [:]-[:]	2		
2	General Manager	000000002	Daveid2	[08:48]-[18:48] [:]-[:]	[09:05]-[22:32] [:]-[:]	[:]-[:] [:]-[:]	2		
3	Marketing Busin	000000003	Daveid3	[:-]-[:] [:]-[:]	[:-]-[:-] [:-]-[:-]	[:-]-[:-] [:-]-[:-]	0		
4	Marketing Busin	000000004	Daveid4	[:-]-[:-] [:-]-[:-]	[:-]-[:-] [:-]-[:-]	[;]-[;] [;]-[;]	0		
5	Research Busine	000000005	Daveid5	[:-]-[:-] [:-]-[:-]	[:-]-[:-] [:-]-[:-]	[:-]-[:-] [:-]-[:-]	0		
6	Research Busine	000000006	Daveid6	[:-]-[:-] [:-]-[:-]	[:-]-[:-] [:-]-[:-]	[:-]-[:] [:]-[:]	0		
7	Production Busin	000000007	Daveid7	[:-]-[:-] [:-]-[:-]	[:-]-[:-] [:-]-[:-]	[:-]-[:-]	0		
8	Production Busin	000000008	Daveid8	[:-]-[:-] [:-]-[:-]	[:-]-[:-] [:-]-[:-]	[:-]-[:-] [:-]-[:-]	0		
9	Chairman room	000000009	Daveid9	[:-]-[:-] [:-]-[:-]	[:-]-[:-] [:-]-[:-]	[:-]-[:-] [:-]-[:-]	0		
10	Chairman room	0000000010	Daveid10	[:-]-[:-] [:-]-[:-]	[:]-[:] [:]-[:]	[:-]-[:] [:]-[:]	0		

8-8-5 Employee Access Report

Specify the range according to Cardholder Name, Department, Emp No and Date selection.

File	Basic Acce	ess Control Pa	arking Elevato	or TimeAtter	idance Patrol	Report S	ystem External P	rogram Help	
			-			-		💿 Event Monitor 🗙 Close	
_	int 🖷 Column 🗌								
-									
Cond	ition Name	Departmen			İxport]	
[Ivallic	Departmen	Search		🖌 Text	Excel			
L	Emp No				Save Path				
[Limpito				C:VEXPORT.TXT			Export	
	Date								
[2014/12/01 🛛 🗸	- 2014/12/29	*						
	Emp No	Name	Location	Card No	Date	Time	In/Out		
• 1	0000000001	David1		1894253946	2014/12/17	16:16:02	IN		
2	0000000001	David1		1894253946	2014/12/18	13:50:06	IN		
3	0000000001	David1	000000023[1]	1894253946	2014/12/18	14:16:40	IN		
4	0000000001	David1	000000023[1]	1894253946	2014/12/18	14:17:25	IN		
5	0000000001	David1	000000023[1]	1894253946	2014/12/18	14:17:33	IN		
6	0000000001	David1	000000023[1]	1894253946	2014/12/18	14:17:34	IN		
7	0000000001	David1	000000023[1]	1894253946	2014/12/18	14:17:35	IN		
8	0000000001	David1	000000023[1]	1894253946	2014/12/18	14:17:36	IN		
9	0000000001	David1	000000023[1]	1894253946	2014/12/18	14:17:37	IN		
10	0000000001	David1	000000023[1]	1894253946	2014/12/18	14:17:38	IN		
11	0000000001	David1	000000023[1]	1894253946	2014/12/18	14:17:39	IN		
12	0000000001	David1	000000023[1]	1894253946	2014/12/18	14:17:40	IN		
13	0000000001	David1	000000023[1]	1894253946	2014/12/18	14:17:41	IN		
14	0000000001	David1	000000023[1]	1894253946	2014/12/18	14:17:42	IN		
15	0000000001	David1	000000023[1]	1894253946	2014/12/18	14:17:43	IN		
16	0000000001	David1	000000023[1]	1894253946	2014/12/18	14:19:48	IN		
17	0000000001	David1	000000023[1]	1894253946	2014/12/18	14:20:38	IN		
18	0000000001	David1		1894253946	2014/12/18	15:32:47	IN		
19	0000000001	David1		1894253946	2014/12/19	17:15:37	IN		
20	0000000001	David1	960PMF	1894253946	2014/12/19	18:00:46	IN		
21	0000000001	David1		1894253946	2014/12/19	18:00:47	IN		
22.	0000000001	David1		1894253946	2014/12/19	09:55:48	IN		

8-8-6 Leave Statistics

It is mainly display the total leave hours per month.

Specify the range according to Cardholder Name, Department, Emp. No and Month selection.

File Basic Access Co			ttendance Patro	-		-	Help	
🖡 Exit 📑 Cardholder Info S		ance 🐣 Add Users	Automatic 🤹 Retriew	e Finger Pattern 📔	🔐 Remote Open Dooi	r 💿 Event Mon	itor 🛛 🗙 Close	
🛿 Print 📲 Column Title L	eave Statistic							
Condition Name	Department		Export					
		Search	🗹 Text	📃 Excel				
Emp No	Q	dking Hours Per	Save Path					
	day	and rooms rea	C:VEXPORT.TXT				Export	
Date		8						
2014/11								
Emp No Nam	e Department	Excuse	Days	Hours				_
1 1 DAV	El RD	Holiday	0	4.0				

8-8-7 Working Hours Report

Specify the range according to Cardholder Name, Department, Emp. No and Month selection.

This report is different from Daily attendance statistic. In this report, it is not only calculate working hours per day, but also display first in and last out time.

	ixit <mark>=</mark> "Cardhold rint Title Worki		Mifare card Issuance	🐣 Add Users Av	atomatic 🤹 Retrieve	Finger Pattern 🛛 🚅	Remote Open Doo	or 💿 Event Monito	r 🗙 Close	
Cond	lition				Export					
	Name	Departm			🗹 Text	Excel				
			Search	·						
	Emp No				Save Path CNEXPORT.TXT				Export	
					C.EAFORI.IXI				Export	
	Date									
	2014/12/01	- 2014/12/29	*							
	Name	Emp No	Department	Date	Anival Time	Leave Time	Anival Time(2)	Leave Time(2)	Working Hours	
1	Daveid1	0000000001	General Manager	2014/12/18	08:48	18:48			8.0	
2	Daveid1	0000000001	General Manager	2014/12/19	09:05	22:32			7.9	-
3	Daveid1	0000000001	General Manager	2014/12/20					0.0	
4	Daveid2	000000002	General Manager	2014/12/18	08:48	18:48			8.0	
5	Daveid2	000000002	General Manager	2014/12/19	09:05	22:32			7.9	
6	Daveid2	000000002	General Manager	2014/12/20					0.0	
7	Daveid3	000000003	Marketing Busin	2014/12/18					0.0	-
8	Daveid3	000000003	Marketing Busin	2014/12/19					0.0	
9	Daveid3	000000003	Marketing Busin	2014/12/20					0.0	
10	Daveid4	000000004	Marketing Busin	2014/12/18					0.0	
11	Daveid4	000000004	Marketing Busin	2014/12/19					0.0	
12	Daveid4	000000004	Marketing Busin	2014/12/20					0.0	
13	Daveid5	000000005	Research Busine	2014/12/18					0.0	
14	Daveid5	0000000005	Research Busine						0.0	
15	Daveid5	0000000005	Research Busine						0.0	
16	Daveid6	000000006	Research Busine						0.0	
17	Daveid6	0000000006	Research Busine						0.0	
18	Daveid6	000000006	Research Busine						0.0	
19	Daveid7	000000007	Production Busin						0.0	
20	Daveid7	000000007	Production Busin						0.0	
21	Daveid7	000000007	Production Busin						0.0	
22	Daveid8	000000008	Production Busin						0.0	
23	Daveid8	000000008	Production Busin						0.0	
24	Daveid8	000000008	Production Busin	2014/12/20					0.0	
25	Daveid9	000000009	Chairman room	2014/12/18					0.0	

8-8-8 Attend Report

Specify the range according to Cardholder Name, Department, Emp. No and Month selection.

_										
File	Basic A	ccess Control	Parking	Elevator	Time Attenda	nce Patrol	Report Sy	rstem External	Program He	lp
: 🚺 E	xit 📑 Cardho	lder Info Setting 📋	瀺 Mifare card	Issuance 🐣 A	Add Users Automa	ıtic Retrieve Fin	ıger Pattern 🛛 🛁	Remote Open Door	Sevent Monitor	: 🔀 Close
E 📥 F	Print Title Att	end Report								
<u> </u>										
Cond	ition				Ехр	out				
, i	Name	Depa	rtment		v 1	Text [Excel			
				Search	Coni	ng Path				
	Emp No					EXPORT.TXT				Export
										and how .
	Date									
	2014/12/18	- 2014/12/1	.8 🔽							
	Department	Emp No	Name	Date	Working Start	Working End	Working Hours	Late	Leave Early	
▶ 1	General Man	0000000001	David1	2014/12/18	08:48	18:48	8.0	0	0	
2	General Man	000000002	David2	2014/12/18	08:48	18:48	8.0	0	0	-
3	Marketing U	000000003	David3	2014/12/18		;	0.0	0	0	
4	Marketing U	000000004	David4	2014/12/18		;	0.0	0	0	-
5	Research Unit	000000005	David5	2014/12/18		;	0.0	0	0	
6	Research Unit	000000006	David6	2014/12/18		;	0.0	0	0	
7	Production	000000007	David7	2014/12/18			0.0	0	0	
8	Production	000000008	David8	2014/12/18			0.0	0	0	
9	Chairman ro	000000009	David9	2014/12/18		;	0.0	0	0	-
10	Chairman ro	0000000010	David10	2014/12/18	;	;	0.0	0	0	-

8-9 Duty Attendance Report

Provide seven different attendance reports. But only support signal duty shift. Regarding overtime data, you must use hardware function keys and select OT-Start / OT-End status upon swipe card. Otherwise, overtime data will not be counted.

The fields of Noon_End, Noon_Start in the single duty shift attendance report are acquired according to the noon-break period.

Example:

If the noon-break period is $12:00 \sim 13:00$, the system will only refer to the swiping card records during $12:00 \sim 13:00$, and ignore the records beyond this range. Therefore, swiping card during $12:00 \sim 12:30$ will be looked as off-duty at noon, and the swiping card after 12:30 will be looked as on-duty at noon.

8-9-1 Attendance Sheet

Base on employee to generate attendance reports. Specify the range according to name, department, employee no, card no and Month selection.

File Ba	asic Acces	s Control	Parking E	levator	TimeAttendan	ce Patrol	Report	System	External Program	Help
Exit 📔	Cardholder In	nfo Setting 🛛 🔧	Mifare card Iss	uance 🐣 A	ld Users Automati	c 🤹 Retrieve	Finger Pattern	🛛 🛶 Remote (Open Door 💿 Event M	onitor 🗙 Close
Selection A	ttendance Sheet			🖌 🔍 Search						
	Name		Depart	nent						
			-]					
	Emp No		Card I	Vo	-					
					1					
	Date				1					
2014/12		v ~	2014/12/22	~	1					
201 112		~	201 11222]					
 ∢ ∢ 1	of 2 🕨	N 🏟 🔲) 💷 🔍 -	100%	•					
				Attendar	ice Sheet					
				Alterioar	ice offeet					
							20	114/12/22 下4	午 02:29:45	
Emp No:00	00000001 Na	me:David1 D	EP:General	Manager						
Date	Duty On	Noon_End	Noon_Start	Duty Off	Working Hours	OT_Start	OT_End	Overtime Hour		
2014/12/18	08:48			18:48	8.0	19:32	22:32	4.5	5	
2014/12/19				22:32	7.9	19:32	22:32	4.5		
2014/12/20				:	0.0			0.0	0	
•	00000002 Na									
Date	Duty On	Noon_End	Noon_Start	Duty Off	Working Hours	OT_Start	OT_End	Overtime Hour		
2014/12/18				18:48	8.0	19:32	22:32	4.(
2014/12/19				22:32	7.9	19:32	22:32	4.5		
2014/12/20				::	0.0			0.0	0	
•	00000003 Na			-						
Date	Duty On	Noon_End	Noon_Start	Duty Off	Working Hours	OT_Start	OT_End	Overtime Hour		
2014/12/18				:	0.0			0.0		
2014/12/19				:	0.0			0.0		
2014/12/20				:	0.0			0.0	0	
	00000004 Na			~						
Date	Duty On	-	Noon_Start	Duty Off	11	OT_Start	OT_End	Overtime		
Login ADM	an Curren	it opeartion:	Duty Attend	lance Rep	ort Currer	nt Time 201	.4/12/22 下	午 02:29:59	9	

8-9-2 Daily Attendance Report

File Basic			urking Elev:		e Attendance	_	-	•	ernal Program Help
Exit 📔 C	ardholder Info S	Setting 🛛 🐾 Mi	ifare card Issuanc	æ 🐣 Add Us	ers Automatic 1	🤹 Retrieve Fin	ger Pattern 🛛 🛔	🕜 Remote Open	Door 👁 Event Monitor 🛛 🗶 Close
Selection Daily	Attendance Rep	xoirt	~ C	🔍 Search					
N	Jame		Department	.t					
		7							
			<i>a</i> 111						
En	np No		Card No						
I	Date								
2014/12/18	~	-							
<u> </u> ∢ ∢ 1	of 1 🕨 🕨	4 🏟 🔲 û	🗋 🔍 - 📔 1009	%	•				
			Dail	y Attendance	e Report				
								110 PR	
							2014	/12/22 下午 02	547:15
Date	Duty On	Noon_End	Noon_Start	Duty Off	Working	OT_Start	OT_End	Overtime	
Emp No:00000	00001 Name	David1 DEF	Conorol Ma		Hours			Hour	
2014/12/18	00001 Name 08:48	David I DEF	':Géneral ma	nager 18:48	8.0	19:32	22:32		
Emp No:00000		David2 DEF	P.Conoral Ma		0.0	19.52	22.32	4.5	
2014/12/18	08:48	Daviuz DEI	General ma	18:48	8.0	19:32	22:32	4.5	
Emp No:00000		David3 DEL	2.Markoting I		0.0	10.02	22.J2	4.0	
2014/12/18	:		.Markeung o	/int :	0.0			0.0	
Emp No:00000		:David4 DEF	P:Marketing L		0.0				
2014/12/18	:			;	0.0			0.0	
Emp No:00000		:David5 DEF	P:Research U						
2014/12/18	;			;	0.0			0.0	
Emp No:00000	00006 Name	:David6 DEF	Research U	nit					
2014/12/18	:			;	0.0			0.0	
Emp No:00000	00007 Name	:David7 DEF	Production	Unit					
2014/12/18	:			;	0.0			0.0	
Emp No:00000	00008 Name	David8 DEP	Production	Unit					
2014/12/18	:			:	0.0			0.0	
Emp No:00000	00009 Name	David9 DEP	Chairman re	oom					
Login ADMIN	Current o	neartion: D	utv Attendan	ce Report	Current 7	Time 2014/.	12/22 下午	02.47.25	

8-9-3 Weekly Attendance Report

r'l		1	1' 51	·	eAttendance	D 1 1	D 1 0		
File Basic			rking Elev		sers Automatic 1	_	-	-	mal Program Help Door 👁 Event Monitor 🗙 Close
Selection Week				Search			Zerrawen	- realive open i	
	-	opon							
1	lame		Department						
Er	np No		Card No						
	Date								
2014/12/15	~	~ 20	14/12/21	~	Previous week	This	mont	Next Week	1
					FIEVIOUS WEEK		week	INCX (W CCK	
4 4 1	of 1 🕨 🕨	i i 🏟 🔲 🎗	🔲 🔍 - 📔 100	6	-				
			18/201	ly Attendan	ee Denert				
			VVEER	iy Altendari	се кероп				
							2014	/12/22 下午 02:	56:08
Date	Duty On	Noon End	Noon Start	Duty Off	Working	OT Start	OT End	Overtime	
		-	-		Hours	-	-	Hour	
Emp No:00000		:David1 DEF	P:General Ma	-					
2014/12/18	08:48			18:48	8.0	19:32	22:32	4.5	
2014/12/19	09:05			22:32	7.9	19:32	22:32	4.5	
2014/12/20	:			:	0.0			0.0	
Emp No:00000		:David2 DEF	':General Ma		0.0	10.00	22.22	15	
2014/12/18 2014/12/19	08:48 09:05			18:48 22:32	8.0	19:32 19:32	22:32	4.5	
2014/12/19	:			22:32	7.9	19:32	22:32	4.5	
2014/12/20 Emp No:00000		·David3 DEF	•Marketing L		0.0			0.0	
2014/12/18	:		arkeang t	:	0.0			0.0	
2014/12/19	;			;	0.0			0.0	
2014/12/20				;	0.0			0.0	
Emp No:00000		:David4 DEF	P:Marketing U						
2014/12/18	;			;	0.0			0.0	
2014/12/19	:			:	0.0			0.0	
2014/12/20	(;	0.0			0.0	
Emp No:00000	00005 Name	:David5 DEF	Research U	nit					
Login ADMIN	Current or	peartion: D	uty Attendan	ce Report	Current 7	Fime 2014/	12/22 下午	02:57:02	

8-9-4 Monthly Attendance Report

								_																
File Basic			arking		_		endance	_		-	System			rogram										
🗄 🕵 Exit 🧧 🤆	lardholder Info S	letting 🛛 🔧 I	vifare card	Issuance	🐣 Add	Usens Au	utomatic 1	🤹 Retrie	ve Finger	Pattern	🖌 Rem	10te Open	Door <	Event N	ionitor	🗙 Clos	•							
Selection Mont	hly Attendance F	Report		~ Q	Search																			
1	Vame		Deo	ertment																				
		л г																						
E	mp No		Ca	urd No																				
	Date																							
2014/12	~																							
∢ ∢ 1	of 1 🕨 🕅	🏟 🔳	A	100%			•																	
				Monthly	y Attend	ance Re	enort																	
				monting	/ Allenu	ance ne	shou																	
										201	4/12/22	?下午03	3:01:47											
Emp No DEP	Name Total Hours	Overtime Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
0000000001 General Manager's Office	Daveid1 0	0																			09:05 22:32	; ;		
000000002 General Manager's Office	Daveid2 0	0																			09:05 22:32	(
0000000003 Marketing Business Unit	Daveid3 0	0))	;	((
0000000004 Marketing Business Unit	Daveid4 0	0																		;	;	;		
0000000005 Research Business Unit	Daveid5 0	0																		;	;	;		
0000000006 Research Business Unit	Daveid6 0	0																		;	;	;		
0000000007 Production Business Unit	Daveid7 0	0																		-:	;	;		
0000000008 Production	Daveid8 0	0																				((
Login ADMIN	Current of	peartion: I	Duty Atte	andance	e Repor	rt C	Current '	Time 2	014/12	/22 下生	F-03:0	1:55												

8-9-5 ON leave Report

File Deals	c Access C	Control Do	arking Elev	ator Tim	neAttendance	Patrol R	Report	System	External	Drogram	Hale				
File Basic			-		leAttendance Jsers Automatic 🥳		-			-	-	• Close			
Selection ON les		Scamis 9 141		🕰 🥌 Add O. 🔍 Search	SEIS MUIOIHAUC 🤫	, Reuleve I mg	gerrauen	- Petroc	Open Door	O LYCIUM	TOHIO	× 01050	J		
				-											_
4	Name		Department	t											
		_ L													
Er	imp No		Card No												
		1 [
	Date														
2014/12/ 1			014/12/22	~											
2014/12/ 1	~	<u> </u>	14/12/22	Y											
 ∢ ∢ 1	of 1 🕨 🕅	N 🏟 🔲 A	🗋 🔍 - 1009	%	•										
														-	-
				ON leave Re	eport										
							201	4/12/22 下	午 03:03:1	1					
Date	Duty On	Noon End	Noon_Start	Duty Off	Abnormal/Ove	rtime Hour									
Emp No:00000															
2014/12/18	08:48			18:48		4.5									
2014/12/19	09:05			22:32		4.5									
2014/12/20	(:		0.0									
Emp No:00000		a:David2 DEF	- General Ma												
2014/12/18	08:48			18:48		4.5									
2014/12/19	09:05			22:32		4.5									
2014/12/20	;			:		0.0									
Emp No:00000	/00003 Name	a:David3 DEF	•:Marketing U	Jnit											
2014/12/18	:			:		0.0									
2014/12/19	;			;		0.0									
2014/12/20	:			:		0.0									
Emp No:00000	/00004 Name	:David4 DEF	י:Marketing U	Jnit											
2014/12/18	:			:		0.0									
2014/12/19	:			:		0.0									
2014/12/20	:			:		0.0									
Emp No:00000	00005 Name	:David5 DEF	Research U	nit											
2014/12/18	:			:		0.0									
2014/12/19	;			:		0.0									
2014/12/20				:		0.0									
Login ADMIN	Current c	peartion: D	uty Attendan	ce Report	Current Ti	ime 2014/1	12/22 下名	∓ 03:03:2	7						

8-9-6 Overtime Report

File Basic	Access (-		: <mark>Attendance</mark> Patrol Report System External Program Help as Awtomatic 😪 Retrieve Finger Patten 🔐 Remote Open Door 👁 Event Monitor 🗙 Close
Selection Overti		setting S In		🔍 Search	is Automate Contraction of the Door Contraction of A Contraction
				-	
Ν	lame		Departmen	đ	
En	np No		Card No		
, i	Date				
2014/12/ 1		~ ~ 20	14/12/22	~	
 ∢ ∢ 1	of 1 🕨 🕨	l 🏟 🔲 🕯	🗋 💐 🚽 100	%	•
				Overtime Rep	
					2014/12/22 下午 03:04:19
					2014/12/22 下午 05:04:19
Emp No	Name	DEP	Date	Overtime Hour	
Emp No:00000	00001 Name	David1 DEF	P:General Ma	nager	
0000000001	David1	General Manager	2014/12/18	4.5	
0000000001	David1	General Manager	2014/12/19	4.5	
0000000001	David1	General Manager	2014/12/20	0.0	
Emp No:00000	00002 Name	David2 DEF	P:General Ma	nager	
0000000002	David2	General Manager	2014/12/18	4.5	
0000000002	David2	General Manager	2014/12/19	4.5	
0000000002	David2	General Manager	2014/12/20	0.0	
Emp No:00000	00003 Name	David3 DEF	:Marketing	Jnit	
0000000003	David3	Marketing Unit	2014/12/18	0.0	
0000000003	David3	Marketing Unit	2014/12/19	0.0	
0000000003	David3	Marketing Unit	2014/12/20	0.0	
Emp No:00000	00004 Name	David4 DEF	:Marketing	Jnit	
000000004	David4		2014/12/18	0.0	
Login ADMIN	Current o	peartion: D	uty Attendan	ice Report	Current Time 2014/12/22 下午 03:04:25

8-9-7 Attendance Summary

						_								 	
File Basic			rking Elev		e Attendance		Report	System		ıl Program					
🗄 🕵 Exit 📔 C			ifare card Issuanc	e 🐣 Add U	sers Automatic	🤹 Retrieve Fiz	iger Pattern	🛛 🛶 Remo	ote Open Doo	or 💿 Event	Monitor	🗙 Clos	æ		
Selection Attend	lance Summar	y .	~ C	Search											
М	lame		Department												
	хт.		Card No												
	np No		Care No												
	Date														
2014/12/ 1	•	~ ~ 20	14/12/22	*											
<u> </u> ∢	of 1 🕨 🕴	4 🏟 🔲 A	🗖 🔍 - 📔 1009	8	•										
			Att	endance Su	immary										
							20	114/12/22 *	下午 03:05	:58					
Emp No	Name	DEP	Un-Swipe	Leave(Late(Hours)	Early(Hours									
F N00000	00004 N	D	card (times)	Hours))									
Emp No:00000			General Ma	nager											
0000000001	David1	General Manager													
0000000001	David1	General													
		Manager													
0000000001	David1	General Manager													
Emp No:00000	00002 Namo	•	P:General Ma	nager											
0000000002	David2	General													
		Manager													
0000000002	David2	General													
0000000002	David2	Manager General													
000000002	Davidz	Manager													
Emp No:00000	00003 Namo	e:David3 DEF	:Marketing U	nit											
0000000003	David3	Marketing Unit													
0000000003	David3	Marketing Unit													
0000000003	David3	Marketing Unit													
Emp No:00000	00004 Nam	e:David4 DEF	P:Marketing U	nit											
000000004	David4	Marketing												 	
Login ADMIN	Current of	peartion: D	uty Attendan	ce Report	Current	Time 2014	12/22 下	午03:06	:01						

9. Patrol

Please add device in "Access Control Hardware Setting" workspace first. And refer to 5-1-4 parameter 3. For patrol settings, please tick boxes of Gate1/2 (Reader ID $1 \cdot 3$) and activate slave reader (Reader ID $2 \cdot 4$). Settings might be different depending on the actual installation setup.

9-1 Patrol Hardware Setting

It defines station name of patrol points.

Operation Steps :

- 1. Click $\lceil New \rfloor^{\circ}$
- 2. Select controller
- 3. Input patrol station name
- 4. Click \lceil Save \rfloor to save the settings.

			e <mark>Patrol</mark> Report System E ••• Remote Open Door @ Event Monitor	
🗧 📫 New 📫 Modify 🛋 Delete 📔	Save O Cancel			
Controller name RAC-852PMFV Patrol station name				
Controller Name	Patrol Station Name			
	AA			
Login ADMIN Current opeartion: Pat	trol Hardware Setting Current Time 20:	4/3/11 F/F 04:27:52		

9-2 Patrol Route Setting

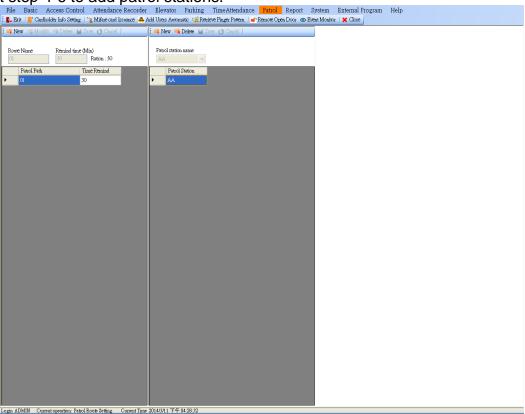
Sets patrol station to be visited in a patrol route.

Operation Steps :

There are two sections, left side is patrol route setting and right side is patrol station setting.

- 1. Click $\lceil New \rfloor$ on left panel.
- 2. Input patrol route name and remind time. (Remind time function is reserved)
- 3. Click \lceil Save \rfloor on the left panel.
- 4. Click $\lceil New \rfloor$ on the right panel.
- 5. Select station name to be patrolled.
- 6. Click [Save] to save the settings. If the patrol route has many patrol stations, please

repeat step 4-6 to add patrol stations.



9-3 Patrol Duty Status Setting

It defines the patrol route every week.

Operation Steps :

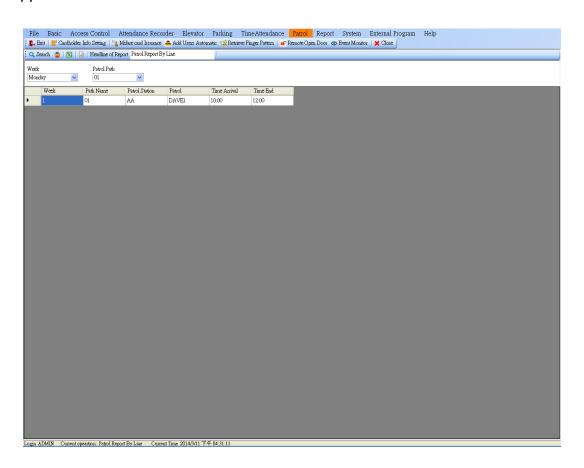
- 1. Click 『New』
- 2. Select week and route name and input patrol name and arrival time range.
- 3. Click \lceil Save $_{\perp}$ to save the settings.

	Access Control A								Help	
R	rdholder Info Setting 🛛 🍾 N		🐣 Add Usens Autor	natic 🤹 Retrie	eve Finger Patt	em 🛛 🛶 Remote Ope	n Door 💿 Event Monit	or 🗙 Close		
	odify 🔩 Delete 🔛 Save	Cancel Patrol name	Animi Timo I	lange (10:00-13	.00)					
Week Monday	Route Name	DAVEI		- 12:00						
Week	Path Name	Time Anival	Time End	Patrol		Patrol Station				
► 1	01	10:00	12:00	DAVEI	۱.	AA				
Login ADMIN C	urrent opeartion: Patrol Duty	Status Setting Cu	ment Time 2014/3/11	下午 04:30:05						

9-4 Patrol Report By Line

Specify the range of patrol records according to week and patrol route.

Report provides print and preview function and can be converted to TXT or XLS format for other application.



9-5 Patrol Report By Status

Specify the range of patrol records according to date and patrol route.

Report provides print and preview function and can be converted to TXT or XLS format for

other application.

10. Report

Report provides print and can be converted to TXT or XLS format with user-defined report title for other application. The search key provides different criteria for every report in order to generate the user's desired report.

• Report icons description :



브 : Print

- E Print to TXT format
- Image: Print to XLS format
- Report column is remove able (Support First-Last Report, Unknown Report and First-Last Monthly Report only)

10-1 Cardholder Info. Report

Lists complete cardholder information. Specify the range of cardholder information according to cardholder name, Card No., department, Emp. No., Birthday, Phone, E-mail and Mailing Add.

								rt System External Program	Help	
- Enit Jame	: <mark>=</mark> ' Cardho						🕈 Remote Open Door			
irthday		Card No.	E-mai	rtment	 Emp Mailing Add. 	5. 140.	Q Search			_
		line of Report Cardhol		1	Plaing Add.		C Search			_
	Name	Card No.		F 11.	Did her	Phone		16.8 411		_
1		Cand INO.	Department RD	Emp. No.	Birthday	Phone	E-mail	Mailing Add.		
- h-	DAVE2	2	RD	2						
2 D		3	RD	3						
	DAVE4	4	RD	4						
	DAVE5	5	RD	5						
	DAVE6	6	RD	6						
	DAVE7	7	RD	7						
	DAVE8	8	RD	8						
	DAVE9	9	RD	9						
	DAVE10	10	RD	10						
	DAVE11	11	RD	11						
	DAVE12	12	RD	12						
	DAVE13	13	RD	13						
14 D	DAVE14	14	RD	14						
15 D	DAVE15	15	RD	15						
16 A	MY16	16	SALE	16						
17 A	MY17	17	SALE	17						
18 A	MY18	18	SALE	18						
19 A	MY19	19	SALE	19						
20 A	AMY20	20	SALE	20						
21 A	AMY21	21	SALE	21						
22 A	MY22	22	SALE	22						
23 A	MY23	23	SALE	23						
24 A	AMY24	24	SALE	24						
25 A	AMY25	25	SALE	25						
26 A	AMY26	26	SALE	26						
27 A	MY27	27	SALE	27						
28 A	MY28	28	SALE	28						
29 A	AMY29	29	PR	29						
30 JI	ENNY30	30	PR	30						
31 JI	ENNY31	31	PR	31						
32 JI	ENNY32	32	PR	32						
33 JI	ENNY33	33	PR	33						
34 JI	ENNY34	34	PR	34						
20 11	TABBZOZ	100 N N	er Info Report Curre	ar	T					

10-2 Department Info. Report

Lists complete department information. Specify the range of department information according to Department name, Department number, Supervisor Dep. No., Supervisor Dep. Name, Department Manager, Phone and Mailing Add.

	No.	Dep. Name		Supervisor Dep No		apervisor Dep Nam	e	
	danager	Phone		ailing Add.	Q Sear	h		
۳.	📄 💌 🛛 Headlin	e of Report Departm						
	Dep. No.	Dep. Name	Supervisor Dep No	Supervisor Dep Name	Dep. Manager	Phone	Mailing Add.	
1	0000000001	ABC				12345678		
2	5_24	RD9	0000000001	ABC				
3	5_23	RD8	0000000001	ABC				
4	5_22	RD7	0000000001	ABC				
5	5_21	RD6	000000001	ABC				
6	5_20	RD5	000000001	ABC				
7	5_19	RD4	000000001	ABC				
8	5_18	RD3	000000001	ABC				
9	5_17	RD24	0000000001	ABC				
10	5_16	RD23	0000000001	ABC				
11	5_15	RD22	0000000001	ABC				
12	5_14	RD21	0000000001	ABC				
13	5_13	RD20	0000000001	ABC				
14	5_12	RD2	0000000001	ABC				
15	5_11	RD19	0000000001	ABC				
16	5_10	RD18	0000000001	ABC				
17	5_09	RD17	0000000001	ABC				
18	5_08	RD16	0000000001	ABC				
19	5_07	RD15	000000001	ABC				
20	5_06	RD14	000000001	ABC				
21	5_05	RD13	0000000001	ABC				
22	5_04	RD12	0000000001	ABC				
23	5_03	RD11	0000000001	ABC				
24	5_02	RD10	0000000001	ABC				
25	5	RD1	0000000001	ABC				
26	4	PM	0000000001	ABC				
27	3	PR	0000000001	ABC				
28	2	SALE	0000000001	ABC				
29	1	RD	0000000001	ABC				

10-3 Hardware Event Report

Lists complete hardware event. Specify the range of hardware event according to Device

Name, Door, Event Explanation, Date, Cardholder name, Card number and Emp. No..

							Report System External Program en Door @ Event Monitor 🗙 Close	Help	
evice Nar	ne	• Do	or	 Event Expl 	lanation	- Date 2009/09/17	✓ - 2009/09/17 ✓		
ame	_	Emp No		rd No	Q Search				
	Headline	of Report Hardwar	e Event Report						
	ice Name	Door	Name	Emp No	Card No	Date	Event Explanation		
940F	Έ	940PE				2009/09/17 11:57:41	Open Door Upon Card Swipe		
940F	Έ	940PE				2009/09/17 11:57:46	Close Door	-	
				urrent Time 2014/3/12					

10-4 Swipe card report

Lists swiped card records. Specify the range of swipe card records according to Cardholder

Nan	ne	Department		 Card No. 	Emp	No	Q Search	📫 New 📫 Modify			
Date	2009/09/17 00:00		09/17 23:59:59	V Device Name		- Door:	•				_
	📄 💌 Headlin	e of Report Swipe C	ard Report								
	Device Name	Door	Department	Name	Emp No	Card No	Date	Time Swiped	Event Explanation	IN/OUT	
•	940PE	940PE		alan		0000000001	2009/09/17	11:57:26	Access Granted		
	940PE	940PE	10-10-10-10-10-10-10-10-10-10-10-10-10-1	alan		000000001	2009/09/17	11:57:33	Access Granted		

name, Card number, Department, Date, Device Name, Door and Door Group.

Operator may add or modify swipe card records. (HTA-860PxF/HTA-870PxF/HTA-871PxF only)

Operation Steps:

- 1. Please click [Search] to get current swipe card records.
- 2. Click [New] and system will pop up a new window.
- 3. Click [Save] to save the adding in the database.
- 4. The new data will display "Adding manually" message in the Event Explanation.

		Emp No Departmen Name	at				Orig	inal working time			
Double Double Description Basic Access Control Attendance Rest Close Basic Access Control Attendance Rest System Extend Torgan Help Les Cubacket Attendance Rest Rest Control Help Les Cubacket Attendance Rest Rest Control Help Les Cubacket Attendance Rest Rest Control Help Les Cubacket Attendance Rest Rest Rest Rest Rest 1 Indiance (Resc Nace Rest		Equipment		Name			Date		Shift No		
Save Close Image: Access Control Attendance Records Elevator Tarking Time Attendance Fattol Topost System Elevator Help Emilie Consider Attendance Attendance Fattol Topost System Elevator Help Emilie Consider Attendance Resider Fage Neurol Consider Consider </th <th></th> <th>860[1]</th> <th>•</th> <th></th> <th>000001] A</th> <th>lan 1 🕒</th> <th>2014/</th> <th>03/04 11:40:23</th> <th>✓ 1</th> <th></th> <th></th>		860[1]	•		000001] A	lan 1 🕒	2014/	03/04 11:40:23	✓ 1		
Save Close Image: Access Control Attendance Records: Elevator Tarking: Time Attendance Patrol Teppert: System: External Program: Help: The Database Bostory: Attendance Records: Elevator Tarking: Time Attendance Patrol Teppert: System: External Program: Help: The Database Bostory: Attendance Records: Elevator Tarking: Time Attendance Patrol Teppert: System: External Program: Help: The Database Bostory: Attendance Records: Elevator Tarking: Time Attendance Patrol Teppert: System: External Program: Help: The Database Bostory: Attendance Patrol Teppert: System: External Program: Help: The Database Bostory: Attendance Patrol Teppert: System: External Program: Help: The Database Bostory: Attendance Patrol Teppert: System: External Program: Help: The Database Bostory: Attendance Patrol Teppert: System: External Program: Help: The Database Bostory: Attendance Patrol Teppert: System: External Program: Help: The Database Bostory: Attendance Patrol Teppert: System: External Program: Help: The Database Bostory: Attendance Patrol Teppert: System: External Program: Help: The Database Bostory: Attendance Patrol Teppert: System: External Program: Help: The Database Bostory: Attendance Patrol Teppert: System: External Program: Help: The Database Bostory: Attendance Patrol Teppert: System: External Program: Help: The Database Bostory: Attendance Patrol Teppert: System: External Program: Help: The Database Bostory: Attendance											
Basic Access Control Attendance Review System External Program Help Rr Cuthodic bio Sense Millera cut leason Alk Uses Artenuits Centrol Pennet Organ Notedity Control Help Rr Cuthodic bio Sense Millera cut leason Alk Uses Artenuits Centrol Republic Control Pennet Organ Control Notedity 2014/01/2 00000 Otio Destimute Pennet				00000	00001	•	~				
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960 960 ABC 1 1 2014/03/L 13/95/L Finger Maching N 860(1) ABC Alm 2 2 00000002 2014/03/L 14/05/L Adding manually N 960(4) ABC Alm 2 2 00000002 2014/03/L 14/05/L Adding manually N 960(4) ABC 2 1 2 2 2014/03/L 14/05/L Finger Maching N 960(4) ABC 3 2 2014/03/L 14/03/L 14/03/L Finger Maching N	800[1] 860[1] 960 960 960 960 960 960 960 960 830 830 830 830 830 830 830 830 830 83	869(1) 960 960 960 960 960 960 960 830 830 830 830 830 830 830 83	ABC ABC ABC ABC ABC ABC ABC ABC ABC ABC	Alm 1 Alm 2 Alm 1 1 1 01 01 01 01 01 01 01 01 01 01 01 01 01 001535800 0001535800 0001535800 0001535800 0001535801 Alm 2 3 1 1	5 2 1 1 11 11 20 20 20 20 20 20 20 20 20 20 20 20 30 30 30 30 30 30 13 11 11	00000000000000000000000000000000000000	2014/03/12 2014/12 2014/12 2014/1	07.58.26 08.00 7 00.00 20 10.46.29 10.46.31 11.45.45 11.45.54 11.45.54 11.45.57 11.46.00 11.46.00 11.50.12 11.50.15 11.50.18 11.50.18 11.50.21 11.57.28 13.32.24 13.32.44	Adding manwolly Adding manwolly Adding manwolly Finger Matching Finger Matching	N N N N N N N N N N N N N N N	
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860[1] 860[1] ABC Alan 1 1 000000001 2014/03/12 17.51-50 Adding manually N 860[1] 860[1] ABC Alan 2 0 000000002 2014/03/12 17.51-50 Adding manually N	80011 80011 80011 960 960 960 960 960 960 830 830 830 830 830 830 830 830 830 83	860(1) 960 960 960 960 960 960 960 960	ABC ABC ABC ABC ABC ABC ABC ABC ABC ABC	Alun 1 Alan 2 Alan 1 1 1 01 01 01 01 01 01 01 01 01 01 01 01 01 001535800 0001535800 0001535800 0001535800 0001535800 0001535800 0001535800 1 1 1 1 1 1 1 2 3 3 3 3	5 2 1 11 11 20 20 20 20 20 20 20 20 30 30 30 30 31 13	000000000000000000000000000000000000	2014/03/12 2014/03/12	07.58.26 08.00.07 000.09.20 10.46.29 10.46.31 11.45.54 11.45.54 11.45.54 11.45.54 11.45.54 11.45.00 11.45.01 11.45.01 11.50.15 11.50.21 11.50.23 13.32.24 13.32.24 13.32.46 13.59.50 13.59.50 13.59.52 14.06.24 14.06.24 14.06.24 14.06.24 14.06.24 14.06.24 14.06.24	Adding maxwolly Adding maxwolly Adding maxwolly Adding maxwolly Finger Matching Finger Matching	N N	

- 5. Or after get current swipe card records, you can select a user which you want to modify.
- 6. Click [New] and system will pop up a new window.
- 7. Click [Save] to save the modification in the database.
- 8. The original swipe card event may record in next column.

Emp No Department Name	11 ABC DAVE11			Original working time			
Name	DAVEII						
Equipment		Name		Date		Shift No	
RAC-852PMFV	~	[11]DAVE11	~	2014/03/12 10:46:29	*	99	
		11	~				

			e Card Report							
	epartment	Name	Emp No	Card No	Date	Time Swiped	Event Explanation	INOUT	Duty Shift	Original working time
		Alan 1	2	00000002	2014/03/12	08:03:07	Adding manually	N		
	BC	Alan 2	5	000000005	2014/03/12	08:58:26	Adding manually	IN		
	BC	Alan 1	1	0000000001	2014/03/12	09.09.20	Adding manually	IN		+
	3C	1	20	01	2014/03/12	09:45:45	Finger Matching	IN	00	2014/03/12 11:45:45
	3C	1	11	1	2014/03/12	10:46:29	Finger Matching	IN	99	2014/03/12 10:46:29
	BC	01	11	1	2014/03/12	10:46:31	Finger Matching	N	99	
7	BC	01	20	01	2014/03/12	11:45:51	Finger Matching	IN	01	
	BC	01	20	01	2014/03/12	11:45:54	Finger Matching	IN	02	
2	BC	01	20	01	2014/03/12	11:45:57	Finger Matching	IN	03	
0	BC	01	20	01	2014/03/12	11:46:00	Finger Matching	IN	04	
1	BC	01	20	01	2014/03/12	11:46:03	Finger Matching	IN	05	
2	BC	0001535800	30	0001535800	2014/03/12	11:50:12	Finger Matching		A	
3	BC	0001535800	30	0001535800	2014/03/12	11:50:15	Finger Matching		В	
4	BC	0001535800	30	0001535800	2014/03/12	11:50:18	Finger Matching		C	
5	BC	0001535800	30	0001535800	2014/03/12	11:50:21	Finger Matching		D	
6	BC	Alan 2	2	000000002	2014/03/12	11:57:28	Finger Matching	IN		
17	BC	3	13	3	2014/03/12	13:32:34	Finger Matching	IN	99	
8	BC	1	11	1	2014/03/12	13:32:42	Finger Matching	IN	99	
19	BC	1	11	1	2014/03/12	13:32:44	Finger Matching	IN	99	
0	вс	1	11	1	2014/03/12	13:32:46	Finger Matching	IN	99	
1	BC	1	11	1	2014/03/12	13:59:48	Finger Matching	IN	99	
12	вс	1	11	1	2014/03/12	13:59:50	Finger Matching	IN	99	
13	BC	1	11	1	2014/03/12	13:59:52	Finger Matching	IN	99	
4	BC	Alan 2	2	000000002	2014/03/12	14:05:41	Adding manually	IN		
5		2	12	2	2014/03/12	14:08:21	Finger Matching	IN	99	
6		3	13	3	2014/03/12	14:08:23	Finger Matching	IN	99	
27		3	13	3	2014/03/12	14:08:26	Finger Matching	IN	99	
18	BC	Alan 1	1	0000000001	2014/03/12	17:51:50	Adding manually	IN		
19	BC	Alan 2	2	000000002	2014/03/12	17:54:53	Adding manually	IN		

10-5 Alarm Report

Lists alarm records. Specify the range of alarm records according to Device Name, Door,

10-6 Temporary Card Report

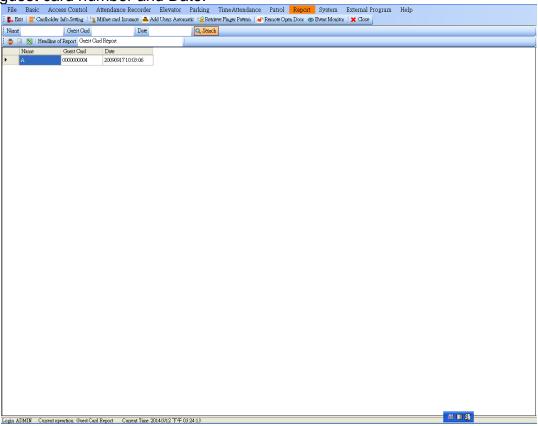
Lists temporary card swiped records. Specify the range of swiped card records according to Cardholder Name, Temporary card number, Date, Emp. No. and Department.

 File
 Bail:
 Access Control
 Attendance Records:
 Elevator Parking
 TimeAttendance
 Parkow Parking
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10-7 Guest Card Report

Lists guest card records. Specify the range of swiped card records according to Cardholder Name, guest card number and Date.



10-8 Login Report

Lists login records. Specify the range of login records according to User account. If operator login using ADMIN account, it will be recorded.

	pntrol Attendance Recorder Elevator Parking TimeAttendance Patrol <mark>Report</mark> System External Program Help	
	rting 📲 Milâne card Issuance 🚔 Add Users Automatic 🤹 Retrieve Finger Pattern 📔 🧬 Remote Open Door 👁 Event Monitor 🛛 🗶 Close	
lser account	Login Date Q. Search	
📑 📄 💌 Headline of Report		
User account	Login Time	
	2006001710.0624	

10-9 History Report

List all history records by year. Specify the range of history records according name, department, card number, device name, date, time, Access point and event explanation.

0. , 1	Exit <mark>=</mark> " Cardhold	ler Info Setting 🍾	Mifare card Issuan	ce Add Users Av	atomatic 🤹 Retrieve	e Finger Pattern 🛛 🧉	Remote Open Door 💿 Event Mo	mitor 🛛 🗙 Close
Year	2014	- 🔍 Search						
Nam	e	Department		 Card No 	Dev	ice Name	•	
Date	2014/03/12	- 2014/03/13	Door	- 11	Event Explanation		- Q. Search	
۰.	📄 💌 Headline	e of Report History I	Report		J			
	Device Name	Door	Department	Name	Emp No	Card No	Date	Event Explanation
1	860[1]	860	ABC	Alan 2	000000002	000000002	2014/03/12 08:03:07	Adding manually
2	860[1]	860	ABC	Alan 2	000000005	000000005	2014/03/12 08:58:26	Adding manually
3	860[1]	860	ABC	Alan 1	000000001	0000000001	2014/03/12 09:09:20	Finger Matching
4	960	960	ABC	01	000000020	01	2014/03/12 09:45:45	Finger Matching
5	960	960	ABC	1	000000011	1	2014/03/12 10:46:29	Finger Matching
6	960	960	ABC	1	0000000011	1	2014/03/12 10:46:31	Adding manually
7	940	940	ABC				2014/03/12 10:52:21	Adding manually
8	960	960	ABC	01	000000020	01	2014/03/12 11:45:51	Finger Matching
9	960	960	ABC	01	000000020	01	2014/03/12 11:45:54	Finger Matching
10	960	960	ABC	01	000000020	01	2014/03/12 11:45:57	Finger Matching
11	960	960	ABC	01	000000020	01	2014/03/12 11:46:00	Finger Matching
12	960	960	ABC	01	000000020	01	2014/03/12 11:46:03	Finger Matching
13	830	830	ABC	0001535800	000000030	0001535800	2014/03/12 11:50:12	Finger Matching
14	830	830	ABC	0001535800	000000030	0001535800	2014/03/12 11:50:15	Finger Matching
15	830	830	ABC	0001535800	0000000030	0001535800	2014/03/12 11:50:18	Finger Matching
16	830	830	ABC	0001535800	000000030	0001535800	2014/03/12 11:50:21	Finger Matching
17	860[1]	860	ABC	Alan 2	000000002	000000002	2014/03/12 11:57:28	Finger Matching
18	960	960	ABC			1894253946	2014/03/12 13:26:13	Finger Matching
19	960	960	ABC			1893744730	2014/03/12 13:26:16	Finger Matching
20	960	960	ABC			1893744730	2014/03/12 13:26:17	Finger Matching
21	960	960	ABC			1894253946	2014/03/12 13:26:19	Finger Matching
22	960	960	ABC	3	000000013	3	2014/03/12 13:32:34	Finger Matching
23	960	960	ABC	1	0000000011	1	2014/03/12 13:32:42	Finger Matching
24	960	960	ABC	1	0000000011	1	2014/03/12 13:32:44	Finger Matching
25	960	960	ABC	1	0000000011	1	2014/03/12 13:32:46	Finger Matching
26	960	960	ABC	1	0000000011	1	2014/03/12 13:59:48	Finger Matching
27	960	960	ABC	1	0000000011	1	2014/03/12 13:59:50	Finger Matching
28	960	960	ABC	1	0000000011	1	2014/03/12 13:59:52	Adding manually
29	860[1]	860	ABC	Alan 2	000000002	000000002	2014/03/12 14:05:41	Finger Matching
30	960	960	ABC	2	000000012	2	2014/03/12 14:08:21	Finger Matching
31	960	960	ABC	3	000000013	3	2014/03/12 14:08:23	Finger Matching
32	960	960	ABC	3	0000000013	3	2014/03/12 14:08:26	Adding manually
33	860[1]	860	ABC	Alan 2	0000000001	0000000001	2014/03/12 17:51:50	Adding manually
34	860(11	860	ABC	Alan 1	000000002	000000002	2014/03/12 17:54:53	Adding manually

10-10 First-Last Report

Lists first and last access record. Specify the range of first-last information according to Cardholder Name, Department, Emp. No., Date and Un-swipe Users selection.

Click [First-Last records in same row], system will display first in and last out records in the same row. Otherwise, the records will display in a same space and two lines. [Include un-swipe users] : when tick the check box, this report may list all users, event the users do not swipe card.

File	Basic Aco	ess Control	Attendance Rec	order Elevator	or Parking TimeAttendance Patrol Report System External Program Help				
🗄 🛃 Briti 📔 Cardholder Info Setting 📲 Mifate card Issuance 🐥 Add Uses Automatic 🤹 Retrieve Finger Pattern 🛛 🖝 Remote Open Door 👁 Event Monitor 🛛 🗙 Choo									
🖶 Print Title Furst-Last Report									
Cond	ition Name	Departm	~ 1		Erport				
	INSTRE	Deparum	nt Sear	d	Text Excel				
	Emp No		5541	u	Save Path				
	Langito		E Det	-Last records in same i					
	Date		1.1126	-Last ieconds in same i					
	2014/03/12	. 2014/03/12	*						
	Duration								
	00:00:00	23:59:59	*						
	Department	Emp No	Name	Date	Time				
	RD RD	1	DAVE1 DAVE1	2014/03/12 2014/03/12	09.09.20 17.51.50				
-2	RD	2	DAVEI DAVE2	2014/03/12	08.03.07				
	RD	2	DAVE2	2014/03/12	1754:53				
	RD	5	DAVE5	2014/03/12	08.58.26				
	RD	11	DAVE11	2014/03/12	1046:29				
7	RD	11	DAVE11	2014/03/12	13:59:52				
	RD	12	DAVE12	2014/03/12	14:08:21				
	RD	13	DAVE13	2014/03/12	133234				
	RD	13	DAVE13	2014/03/12	14:08:26				
	SALE	20 20	AMY20 AMY20	2014/03/12 2014/03/12	094545				
	PR	30	JENNY30	2014/03/12	11-30-12				
	PR	30	JENNY30	2014/03/12	11:50:12				
14	TR.	50	1411150	2014/00/12	11.57.64				
Legie	DMIN Commenter	and the Direct Tank I	Connect T	ime 2014/3/12 下午 0	0224.19				

						Patrol Report System External Program Help Premote Open Door © Event Monitor 🗶 Close
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		Se	such		_	****
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		🗹 Fb	st-Last records in sam	re row C:VED	PORT.TXT	Export
Date		In	clude un-Swipe Users			
2014/03/12	2014/03/1	2 🖌				
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00.00.00	23:59:59	\$				
Department	Emp No	Name	Date	First	Last	
RD	1	DAVEI	2014/03/12	09:09:20	17:51:50	
RD	2	DAVE2	2014/03/12	08:03:07	17:54:53	
RD	3	DAVE3	2014/03/12			
RD	4	DAVE4	2014/03/12			
RD	5	DAVE5	2014/03/12	08:58:26		
RD	6	DAVE6	2014/03/12			
RD	7	DAVE7	2014/03/12			
RD	8	DAVE8	2014/03/12			
RD	9	DAVE9	2014/03/12			
0 RD	10	DAVE10	2014/03/12			
1 RD	11	DAVE11	2014/03/12	10:46:29	13:59:52	
2 RD	12	DAVE12	2014/03/12	14:08:21		
3 RD	13	DAVE13	2014/03/12	13:32:34	14:08:26	
4 RD	14	DAVE14	2014/03/12			
5 RD	15	DAVE15	2014/03/12			
6 SALE	16	AMY16	2014/03/12			
7 SALE	17	AMY17	2014/03/12			
8 SALE	18	AMY18	2014/03/12			
9 SALE	19	AMY19	2014/03/12			
0 SALE	20	AMY20	2014/03/12	09:45:45	11:46:03	
1 SALE	21	AMY21	2014/03/12			
2 SALE	22	AMY22	2014/03/12			
3 SALE	23	AMY23	2014/03/12			
4 SALE	24 25	AMY24	2014/03/12			
5 SALE 6 SALE	25	AMY25 AMY26	2014/03/12 2014/03/12	_		
7 SALE	20	AMY27	2014/03/12			
7 SALE 8 SALE	27	AM Y27 AMY28	2014/03/12			
9 PR	29	AMY29	2014/03/12			+
9 PR 0 PR	30	JENNY30	2014/03/12	11:50:12	11:50:21	
I PR	31	JENNY31	2014/03/12	11.50.12	11.50.21	
2 PR	32	JENNY32	2014/03/12			
1 DD.	33	JENNY33	2014/03/12			

10-11 Unknown Report

If retrieve records before adding cardholders' information, the records will be in unknown report. Once add cardholders information completed, please click [Renewal], system may compare current card numbers and unknown records. Once has match information, the records will not display in unknown report.

Specify the range of unknown records according to date.

File Basic	Access Control	Attendance Reco	rder Elevator	Parking TimeAttendance Patrol Report System External Program Help
		🔏 Mifare card Issuance		matic 🤹 Retrieve Finger Pattern 📔 🖝 Remote Open Door 💿 Event Monitor 🛛 🗙 Close
🚦 🖶 Print Title U	nknown Report		🕐 Renewal 📔 S	lave
Condition Date 2014/03/12		юзл2 <u>v</u>	Search	Espot Text Excel Save Path CVEXPORT.TXT Esport
Date	Time	Card No	Name	Department
▶ 1 2014/03/12 2 2014/03/12	13:26:13 13:26:16	1894253946 1893744730		
2 2014/03/12 3 2014/03/12	13:26:16	1893744730		
4 2014/03/12	13:26:19	1894253946		
Logia ADMIN Con		wn Report Current Tri		2.25.04

10-12 First-Last Monthly Report

List first in and last out record by month. Specify the range of name, Department, Emp. no, year, and month.

Bitti Caddolder Indo Setting Mifne card Issuance Add Uses Automatic Retrieve Finger Pattern PRemote Open Door Settern Monitor Close Department First Monitor Person Export Close Settern Monitor Settern Moni	am Help	Report System External Program	TimeAttendance Patrol R	ecorder Elevator Parking	Control Attendance Record	File Basic Access Control
Condition Department Export Image: Search Image: Search Image: Transmission of the search Search Image: Search Image: Search Image: Search Search Image: Search Image: Search Image: Search Image: Search Search Image: Search Image: Search Image: Search Image: Search Image: Search Search Image: Search <					Setting 🛛 🐾 Mifare card Issuance 🤞	🗄 🕵 Exit 🛛 🧧 Cardholder Info Setting 🗎
Name Department Emp No Search Safety year and CECPORT.TXT 2014.03 Emp No Name Department 01 02 03 04 05 06 07 08 09					hly Report	Print Title First-Last Monthly Repor
Emp No Save Path 2014.03 Emp No Name Department 01 02 03 04 05 06 07 08 09			Ercel	Terre		Condition Name Depar
2014.03 Emp.No Name Department 01 02 03 04 05 06 07 08 09		Export	Т	Save Path		Emp No
					ne Department	Emp No Name
		07/38 ->>- 17:57 ->>-	0758 1757		NY54 PM	▶ 1 54 JENNY54
	۶					<

11. System

11-1 Database Operation

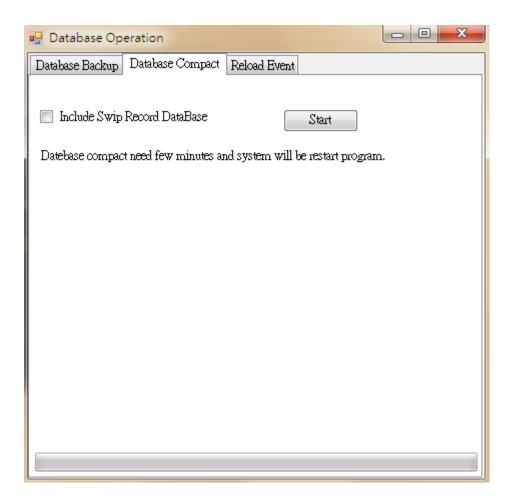
Database backup : Select backup path and click 「Backup」 to start the backup.

🖳 Database Op	eration			x
Database Backup	Database Compact	Reload Event		
Backup Path				
Backup				

OS (C:) > TEMP

HAMS.mdb	2018/1/15
HAMSmdb	2015/3/17
HAMS_2017.mdb	2017/9/13
HAMS_AttendReportInOut.MDB	2017/9/7 🛓
HAMS_EXPORT.mdb	2016/3/24
HAMS_RptFirstLast.MDB	2017/11/2

Database compact : Please backup database before compressing. Click [Start] to start the database compression. Database compression improves database efficiency. The system will restart after completion and user needs to login to the system again.



Reload Event : Re-loading swipe card records which has been retrieved into database.

In case that swipe card records are not stored in the database when retrieving records, you can try this function to re loading records into database again.

🖳 Database Operation	
Database Backup Database Compact Reload Event	
2023,06/20 🗐 🔻 - 2023,06/20 🗐 🔻 Read	Reload
Once you read swipe card records in the eventmonitor, but cannot read to please try to reload events or please contact with our agent whom you bo	hem in the report, ought from.
	*
	+
4	Þ

11-2 Schedule Setup

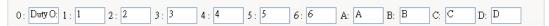
11-2-1 Export Setup

The system supports schedule setup for users to calibrate export, Sync, Backup, First-Last record, polling export for auto-operation.

Before set schedule, follow parameters must be set first:

1. Select TXT or XLS format. (Select one format only)

- 2. Click ... and select saving path or input the path directly. (When select XLS format, system can only use a fixed file name)
 - Saving Path : Where operator wants to save the file. (system will transfer a file automatically base on the setting, file name will be YYYYMMDD.txt)
 - Date Format : User define date format. Ex : MMDDYYYY or MMDDYY
 - Define Extension : For TXT format.
 - File Name : User-define file name. System will use same name every time. When next transaction, the new file will cover old file.
- 3. Include unknown card : When tick the check box, system will transfer unknown card records at the same time.
- 4. First-Last Report by Card No : Default export first-last report is base on employee number. When tick the check box, system may export first-last report by card number.
- 5. Valid Card Only : Only export valid card events.
- 6. User-defined : Yellow block is provided for special request; please do not modify it without indication.
- 7. User defined duty code : It is mainly to set duty name which display on the report. This function is suit for all recorders. Example : duty shift code 0 is modified to Duty On and report may display Duty on in shift number column of report.



Schedule Setup	
Schedule Semp	
Schedule Export Setup Backup	
Export	
 TXT Format 	Saving Path
 Excel Format 	
Include unknown card	Date Format yyyyMMdd Date Format :20141225
First-Last Report by Card N	lo Define Extension
Valid card only	
User-defined	File Name:
	C'EXPORT.TXT
P2K	
-User defined	
0:01:12:	2 3: 3 4: 4 5: 5 6: 6 A: A B: B C: C D: D
Export Fields Export Controlle	as Export Swiped Card Records Export Swiped Card Records(First-Last)
User-Defined	- Add 📑 Delete
-Retrieve Valid Code	
Index 0 🗢 Leng	gth 🕛 🤤 🔿 Left to fill 🕜 Right to fill
Column V. Name V.	'alue
▶ User-Defined "	
Swiped Date Y	YYYMM/DD
User-Defined ,	
Swiped Time HI	H-MM-SS
User-Defined ,	
Card No	
User-Defined ,	
Device No	▼.
<	

8. P2K Format : System will transfer to P2K format for special request; please do not modify

it without indication. (When select P2K format, please tick check box of User-defined)

Schedule Setup				
🕒 Exit				
Schedule Export Setup Backup	Time Sync. Inquire			
	Saving Path Date Format Define Extension TXT File Name: CVEXPORT.TXT 3 ; 3 4 ; 4 5		at :20141225 e Per Day	C: C D: D
Export Fields Export Controlles	En 10 10 10 10 10 Es			
	Export Swiped Card Records Ex			
User-Defined		📫 Add 📑 Delete	Save Save	
Index D Construction	CLeft to fill	 Right to fill 		
Column Name Value	e^	Column	Column Name	
 User-Defined 		 UserDefine 	User-Defined	
Swiped Date YYY	'YMM/DD	eventType	Event Category	
User-Defined ,		eventDate	Swiped Date	
Swiped Time HH:N	MM:SS	SELECT "" + left(doomam (eventdate,4))-1911) + mid	Curined Time	► The strift of
User-Defined ,		(eventdate,4))-1911) + mid	(eventdate, 6, 2)+mid(ev	rentdate, 9, 2) + "," + mid
Card No		(eventtime,1,2) + mid(even (eventshift,2)=02', D', iif(lef	tume,4,2) + , +11f(L ft(eventshift,2)=03','E',	eft(eventshift,2)='01','A',IIf(Left F'))) + "''AS P2K FROM
User-Defined ,		PubEvent INNER JOIN Er (eventcard) > 0 and len(per	np ON PubEvent.pers« sonid) > 0	onID = Emp.Emp_Id where len
Device No	*			
<	>			

9. Export Fields : Select report contents which want to export. (Able select fields which system is provided)

Example : Request export report contents include Swiped Date, Swiped Time, Card Number, Device ID, Shift Number, setting as below:

- 1. Select User-Defined and input ["], then click [NEW].
- 2. Select Swiped Date, and then click [NEW].
- 3. Select User-Defined and input [,], then click [NEW].
- 4. Select Swiped Time, and then click [NEW].
- 5. Select User-Defined and input [,], then click [NEW].
- 6. Select Card No., and then click [NEW].
- 7. Select User-Defined and input [,], then click [NEW].
- 8. Select Device ID, and then click [NEW].
- 9. Select User-Defined and input [,], then click [NEW].
- 10. Select Shift No., and then click [NEW].
- 11. Select User-Defined and input ["], then click [NEW]. The export report format as below :

"2009/09/09,13:55:26,0001535800,000000002,00"

Schedule Setup
Br Excit
Schedule Export Setup Backup Time Sync. Inquire
Export Saving Path
TXT Format
Date Francisco Data Data Data Principal 20141025
Include unknown card
First-Last Report by Card No Define Extension .TXT
Valid card only File Name:
User-defined CVEXPORT.TXT
P2K
User defined
0:0 1:1 2:2 3:3 4:4 5:5 6:6 A: A B: B C: C D: D
Errort Fields Evport Controlles Evport Swiped Card Records Evport Swiped Card Records (Epst-Last)
User-Defined Add 🔩 Delete
Index 0 1 Length 0 1 Left to fill Right to fill
Nate value
User-Defined "
Swiped Date YYYY/MM/DD
User-Defined ,
Swiped Time HH-MM.SS
User-Defined ,
Card No
User-Defined ,
Device No User-Defined .
User-Defined "

10. Export Controllers : Select the controller which wants to export records. And then click [Add].

Schedule Setup								
📴 Exit								
Schedule Export Setup Backup Time Sync. Inquire								
_ExportSaving Path								
 TXT Format 								
Excel Format Date Format	ryMMdd Date Format :20141225							
_ Include unknown card	·							
First-Last Report by Card No Define Extension	T A file Per Day							
Valid card only File Name:								
User-defined CNEXPORT.TXT								
P2K								
User defined								
0:0 1:1 2:2 3:3 4:4	5:56:6 A: A B: B C: C D: D							
Export Fields Export Controllers Export Swiped Card Reo	nds Export Swiped Card Records (First-Last)							
Select All 🗙 Select None 🗹 Select 🗆 Reverse								
Controller Name	<u></u>							
▶ ✓ PXR82MSK[1]								
920PM								
820PM								
930PM								
960PM								
960PMF								
940PM								
2000PSN-2000P								
2000PSN-2000P								
860PMF[1]								
860PMF[2]	✓							

11. Export Swiped Card Records : Base on "Export Fields" and "Export Controllers" set-

tings, export file by manual. Users may define start and end date.

Schedule Setup	
😌 Exit	
Schedule Export Setup Backup Time Sync. Inquire	
Export Saving Path	
TXT Format	
O Excel Format	
Include unknown card Date Format yyyyMMdd Date Fo	mat :20141226
First-Last Report by Card No Define Extension .TXT 🗹 A	file Per Day
Valid card only	
File Name:	
P2K	
User defined	
0:01:12:23:34:45:56:6	A: A B: B C: C D: D
Export Fields Export Controllers Export Swiped Card Records Export Swiped Card Records	(The state of the state)
	0.113(-1230)
2014/12/26 🗸 - 2014/12/26 🗸 🎦 Export	

12. [Export Swiped Card Records (First-Last)]: Base on export column, controller, and time range, system will export first and last swipe card record.

Schedule Setup
Cr Exit
Schedule Export Setup Backup Time Sync. Inquire
Export Saving Path • TXT Format Excel Format • Excel Format Include unknown card • Include unknown card First-Last Report by Card No • Valid card only Offine Extension • Valid card only File Name: • User-defined • CVEXPORT.TXT
Export Fields Export Controllers Export Swiped Card Records Export Swiped Card Records (First Last)
2014/12/25 🔍 - 2014/12/25 🔍 📄 Export to Text 🗵 Export to Excel

11-2-2 Backup

Click and select saving path or input the path directly.

Schedule Set	ny
🔂 Exit	
Schedule Ex	port Setup Backup Time Sync. Inquire
	Backup Path:
	C\

11-2-3 Time Sync

Operation Steps:

- 1. Select the controller which wants to correct the time.
- 2. If the time difference (time zone) exists, the field "Time Zone" can be entered how many hours that need to be added or subtracted
- 3. The time difference will be added or subtracted individually while conducting the time

synchronization

chedule Set	tup				
🔂 Exit					
Schedule E	(port Setup B	ackup Time Sync. Inquire			
Select All	Select None	Select Reverse			
		Controller Name	Time Zone		
► I		960PM-Test area	0		
	\checkmark	960PMF-Test area	3		
		920PM-Test area	0		
	\checkmark	940PM-Test area	-1		
		852PMFV-Test area	0		
	\checkmark	860PM-Test area	0		
	\checkmark	860PMF-Test area	0		
	\checkmark	850PM-Test area	0		
	\checkmark	852PMF-Test area	0		
	\checkmark	830PM-Test area	0		
	\checkmark	820PM-Test area	0		

11-2-4 Inquire

Inquire previous schedule status.

Operation Steps :

- 1. Specify the range of date.
- 2. Click [Search].
- 3. Report can be converted to TXT or XLS format.

Sched	ule Setup									
-	G* Exit									
Sched	Schedule Export Setup Backup Time Sync. Inquire									
	Date Range 2009/ 9/20	✓ ~ 2009/	9/20							
Q	Search 💌 📄									
	Date	Time	Action	Description						
•	2009/09/20	10:00:05	Export	10:00>TextCALtxt						
	2009/09/20	12:00:00	Backup	12:00>C\HAMS_200909201200.MDB Backup Complete!	2					
	2009/09/20	13:00:02	First-Last Record	13:00>Text(First-Last)C:\1.txt						

11-2-5 Schedule

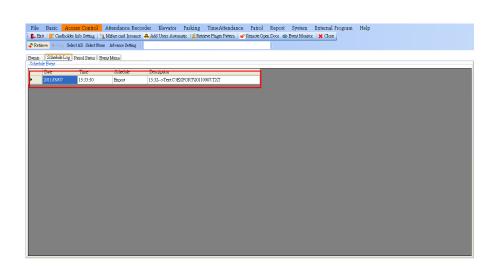
It is mainly to set polling, transfer records, synchronization and backup database in schedule.

Operation Steps :

- 1. Input schedule time.
- 2. The system provides 5 operation modes : Export, Sync, Backup, First-Last Records and Polling.
- 3. The schedule time is set according Monday to Sunday.
- 4. Click [NEW].

Schedule Setup										
er Exit										
Schedule Export Setup Backup Time Sync. Inquire										
📫 New 👒 Delete 🛛 🕐 Reset All 🧐 Windows Schedule Tasks										
Schedule Time(HH:MM)		Schedule Time	Operation Mode	Mon	Tues	Wed	Thu	Fri	Sat	Sun
00:00	•	00:00	Export	1	1					
Operation Mode		00:00	Polling	1	1	1	1	1	1	1
Export 👻										
🗌 Mon										
Tues										
🔲 Wed										
🔲 Thu										
🔲 Fri										
🔲 Sat										
🔲 Sun										
	<				Ш					>
l										

- 5. Please do not close event monitor when schedule setup runs.
- 6. Click [Reset All], schedule settings will be restored into non-running status. User need open event monitor again to take effect.

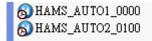


7. To adding schedule into Windows schedule task, please click [Windows Schedule Tasks]. It can't add all schedules at a time. Please add it one by one.

Login ADMIN Current opeartion: Event Monitor Current Time 2014/3/11 下午 05:02:56

Schedule Setup											
🕞 Exit											
Schedule Export Setup Backup Time Sync. Inquire											
🔋 📫 New 📲 Delete 🕐 Reset All 🕘 Windows Schedule Tasks											
Schedule Time(HH:MM)		Schedule Time 00:00	Operation Mode Export	Mon 1	Tues	Wed	Thu	Fri	Sat	Sun	
Operation Mode	Þ	00:00	Polling	1	1	1	1	1	1	1	
Polling			1 Onnig	1	1	1	-	-	-		
 Mon Tues Wed Thu Fri Sat Sun 			Add new schedule OK								

8. You can check window schedule tasks in Start→ Control panel→ System and Security→Administrative Tools→ Schedule tasks (Base on Windows 7 application)



Schedule Classify	/
Classify NO.	Classify Name
AUTO1	Export
AUTO2	Sync
AUTO3	Backup
AUTO4	First-Last Record
AUTO5	Polling

9. Please remember to close HAMS and Windows schedule tasks will be activated as your settings.

11-3 Manual Export

Operation steps are same with Chapter 11-2 Schedule. Operator may select to export records automatic or manual.

Manual Export
😌 Exit
Export Setup
ExportSaving Path
TXT Format
U Excel Format
Include unknown card Date Format yyyyMMdd Date Format 20141225
☐ First-Last Report by Card No Define Extension .TXT
Valid card only File Name:
User-defined CVEXPORT.TXT
P2K
0: 0 1: 1 2: 2 3: 3 4: 4 5: 5 6: 6 A: A B: B C: C D: D
Export Fields Export Controllers Export Swiped Card Records Export Swiped Card Records (First-Last)
User-Defined 🔹 📫 Add. 🔩 Delete
Retrieve Valid Code
Index 🔍 🗘 Length 🔍 🗘 Left to fill 🖉 Right to fill
Column Name Value
User-Defined "
Swiped Date YYYYMM/DD
User-Defined ,
Swiped Time HH:MM:SS
User-Defined ,
Card No
User-Defined ,
Device No 🗸

12. External Program

Dump Tool provides three types of dump data, three types as None/HAMS/eNtior3. Once Dump Tool connects with database, it will list all current devices and you may start to dump data from devices. Follows for more operate information.

🔀 Dui	npTool(¥2.0.5)					
None	HAMS eNitor3					
	HAMS Database Path(MDB) C.'Program Files'HAMS-199	Merge to MDB				
	Device Name	Device Type	Device No	P/Com	Port	BaudRate
►	940PM	RAC-940PM	2	172.16.35.43	4660	
	960PM	RAC-960PM	1	172.16.35.95	4660	
	960PMF	RAC-960PMF	1	172.16.35.96	4660	
	2000W.S	RAC-2000WS	2	COM3		19200
	ComPort IP I72.16.35.43 Device Type RAC-940PM	Baudrate Port	4660	Node ID 2		
	Swipe Card Record 📃 D	evice Parameter Start Addu	ess(DEX.)	0 Length(1-8192)	1	
Sav	ring Path					
	Directory Dump Exit					
- ^S I	ecial Dump File					
	Bin File					
				File		
	Decode Bin DeployDeviceID	0000000003 🔲 Date			Card Len	10
	Deprojection D		or Web File Format			

12-1 Dump Data -None

It is mainly to dump swipe card records from device directly.

Operator need input device information by manual.

Operation Steps:

- 1. Select communication information, like Com Port or IP and input compatible information.
- 2. Input Node ID and model name.
- 3. Tick check box of Swipe Card Record. Device Parameter is advanced function, kindly contact with engineers.
- 4. Click [Director] and select dump saving path.
- 5. Click [Dump] and starting to dump swipe card records.
- 6. Special Dump File : This function is reserved.

∑ DumpTool(¥2.0.5)	
None HAMS eNitor3	
ComPort	
● ℙ 172.16.35.43	Port 4660 Node ID 2
Device Type RAC-940PM 🗸	
Swipe Card Record 📃 Device Parameter	Start Address(DEX.) 0 Length(1-8192) 1
	Directory Dump Exit
- Special Dump File	
Bin File	File
Decode Bin DeployDeviceID 000000003	Date Card Len 10
	🔲 eNitor Web File Format

12-2 Dump Data -HAMS

It is mainly to dump swipe card records from device directly. Due to HAMS database is existence, operator need assign the HAMS database path and all devices information will display as below.

Operation Steps:

- 1. Click and point HAMS's database path. After connect with HAMS database, Dump tool will read all device information.
- 2. Select which device do you want to dumped.
- 3. Tick check box of Swipe Card Record. Device Parameter is advanced function, kindly contact with engineers.
- 4. Click [Director] and select dump saving path.
- Click [Dump] and starting to dump swipe card records.
 More details and examples for each device are as below :
 - RAC-960/970 series card-swiping data :

example : 20150914,142500,0,0102967568,14,1,0,1

The fields of card-swiping data is going in sequence as : date, time, duty shift, card

number, event, In / Out, 0 , Input (by swiping card or pressing keypad)

Date : Year-Month-Date (eg. 20150914)

Time : Hour-Minute-Second (eg. 142500)

Duty shift : Parameters setting of duty shift in device (eg. "0" means "BLANK")

0=BLANK	1=DUTY ON
2=DUTY_OFF	3=BREAK OUT
4=BREAK_IN	5=OT_START
6=OT_END	

Card number : (eg. 0102967568)

Event : Turns Hex. to decimal (eg. Converting the Hex. number "14" to be decimal number "20", it means "the card number is not found")

0 = Normally swiping card	21 = Incorrect time schedule for
1 = Master card	the card number
2 = Disarm code	30 = Unlock door by PIN
3 = Duress code	31 = Incorrect Operation
5 = Temporary card	61 = Card correct + PIN correct
6 = Blacklist	62 = Card correct but PIN incor-

8 = Fingerprint mismatch	rect
9 = Fingerprint matching	63 = While Card + PIN code, the
successful	card number is pressed by key-
10 = Guest card	pad
11 = Guest Card (Unlimited	67 = Anti Error
number of times)	75 = The setting of retrieved valid
20 = Card number is not	length is wrong
found	76 = Dual matching failed

In / Out : 0=Reader Inside , 1=Reader Outside (In the example above, it shows "1", meaning "Reader Outside)

0 : Invariable number "0"

Input : 0=Pressing card number by keypad , 1=Swiping card(In the example above,

it shows "1", meaning by swiping card)

HTA-850/852 series card-swiping data :

example: 20150914,164647,3,1864935190,01,0,0,1

The fields of card-swiping record is going in sequence as : date, time, duty shift,

card number, event, In / Out, 0, Input (way / interface)

Date : Year-Month-Date (eg. 20150914)

Time : Hour-Minute-Second (eg. 164647)

Duty shift : Parameters setting of duty shift in device (eg. "3" means "BREAK_IN")

0=DUTY ON	1=DUTY_OFF
2=BREAK OUT	3=BREAK_IN
4= OT_START	5= OT_END
6~7=RESERVED	

Card number : (eg. 1864935190)

Event : Turns Hex. to decimal (eg. Converting the Hex. number "01" to be decimal

number "1", it means the card number does not exist")

0=Normally swiping card	8=
1=Card number not exist	9=Fingerprint matching suc-
2=Card number length error	cessful
3=Card number checking	10=Master card
error	11=Master card checking er-
4= Mifare card write error	ror
5=Fingerprint checking error	12= Add card by fingerprint
6=Blacklist	13=Delete card by fingerprint
7=Time schedule error	14=

15=

In / Out: 0=Reader1(Reader Inside), 1= Reader2(Reader Outside) (In the example

above, it shows "0", meaning "Reader Inside)

0 : Invariable number "0"

Input (way / interface) : (eg. "1" means input by T2 reader)

0=Input by keypad	1=Input by T2 Reader
2= Input by Wiegand Reader	3=Input by Mifare Reader
4=Input by Fingerprint	5~7=Reserved

• HTA-860/870/871, HTA-856 series card-swiping data :

example: 20150908,115536,0,044859B2EF3980,01,0,0,1

The fields of card-swiping data is going in sequence as : date, time, duty shift, card

number, event, In / Out, 0 , Input (way)

Date : Year-Month-Date (eg. 20150908)

Time : Hour-Minute-Second (eg. 115536)

Duty shift : Parameters setting of duty shift in device (eg. "0" means " DUTY ON)

0=DUTY ON	1=DUTY_OFF
2=BREAK OUT	3=BREAK_IN
4= OT_START	5= OT_END
6~7=RESERVED	

Card number : (eg. 044859B2EF3980)

Event : Turns Hex. to decimal (eg. Converting the Hex. number "01" to be decimal number "1", it means the card number does not exist)

0=Normally swiping card	8=
1=card number not exist	9=Fingerprint matching suc-
2=Card number length error	cessful
3=Card number checking	10=Mater Card
error	11=
4=Mifare card write error	12=
5=Fingerprint checking error	13=
6=	14=
7=	15=

In / Out : 0 = Reader 1 (Reader Inside), 1 = Reader 2 (Reader Outside) (eg. it

shows "0" in the example meaning Reader Inside)

0 : Invariable number "0"

Input(way / interface) : (eg. "1" means Input by Reader)

0=Input by Keypad	1=Input by T2 Reader
2~7=Reserved	

 RAC-940 series card-swiping data : example : 20150904,170545,0,0005494367,14,0,0,1

The fields of card-swiping data is going in sequence as : date, time, duty shift,

card number, event, In / Out, 0 , Input (way)

Date : Year-Month-Date (eg. 20150904)

Time : Hour-Minute-Second (eg. 170545 °)

Duty shift : Parameters setting of duty shift in device (eg. "0" means "BLANK")

0=BLANK	1=DUTY ON
2=DUTY_OFF	3=BREAK OUT
4=BREAK_IN	5=OT_START
6=OT_END	

Card number : (eg. 0005494367)

Event : Turns Hex. to decimal (eg. Converting the Hex. number "14" to be decimal

number "20", it means the card number is not found")
--

0=Normally swiping card	30=Unlock door by PIN
1=Master card	31=Incorrect Operation
2=Disarm code	61=Card correct+PIN correct
3=Duress code	62=Card correct but PIN in-
6=Blacklist	correct
20=Card number is not found	63=While Card + PIN code,
21=Incorrect time schedule for	the card number is pressed
the card number	by keypad
	67= Anti Error
	75=The setting of retrieved
	valid length is wrong

In/Out: 0=Reader 1 (Reader Inside), 1 = Reader2 (Reader Outside). (In the

example above, it shows "0" meaning Reader Inside)

0 : Invariable number "0"

Input : (eg."1" means Input card number by swiping card)

0=Input card number by	1=Swiping card
pressing keypad)	

 RAC-2000WS / WSN series card-swiping data Example : 20150918,145739,,1953987274,05,0,0,1 The fields of card-swiping data is going in sequence as : date, time, duty shift, card number, event, In / Out, 0 , Input (way) Date : Year-Month-Date (eg. 20150918) Time : Hour-Minute-Second (eg. 145739) Duty shift : Reserved (No number displays in the above example) Card number : (eg. 1953987274)

Event : Hexadecimal (eg. Hex. number "05" means temporary card)

00H = Normally swiping	14H = the card number is not found
card	15H = Incorrect time schedule for the
01H = Master Card	card number
02H = Disarm Code	16H = Fail to unlock door in two door
03H = Duress Card	interlocking
04H = Duress Code	3DH = Card correct + PIN correct
05H = temporary card	3EH = Card correct but PIN incorrect
06H = Blacklist	3FH = While Card + PIN code, the card
0AH = Guest card	number is pressed by keypad
0BH = Guest Card (un-	43H = Anti Error
limited number of times)	44H = While Card + PIN code, group
	error

In/Out: 0=Reader1, 1=Reader2, 2=Reader3, 3=Reader4 (eg. "0" means Reader1) 0: Invariable number "0"

Input : (eg. "1" means "swiping card")

0=Input card number by	1=Swiping card
pressing keypad	

RAC-4600/4600N card-swiping data

Example :20150518,111122,0,0000003760,05,0,0,0

The fields of card-swiping data is going in sequence as : date, time, duty shift,

card number, event, In / Out, 0 , Input (way)

Date : Year-Month-Date (eg. 20150518)

Time : Hour-Minute-Second (eg. 111122)

Duty shift : Reserved("0" in the above example means no function)

Card number : (eg. 0000003760)

Event : Hexadecimal (eg. Hex. number "05" means No authorization required, any card can unlock door)

00H = Normally swiping card	16H = Fail to unlock door in
02H = Disarm card	multi door interlocking
03H = Duress card	1DH = Incorrect holiday time
05H = No authorization required,	schedule
any card can unlock door	3DH = Card correct + PIN cor-
06H = Blacklist	rect
14H = Card number is not found	3EH = Card correct but PIN
15H = Incorrect time schedule	incorrect
	3FH = While Card + PIN code,
	operation error
	43H = Anti Error

In / Out : 0-7=Reader1-Reader8 · (eg. "0" means Reader1 ·)

0 : Invariable number "0"

Input : (eg. "1" means Input by swiping card)

0=Input card number by Keypad

RAC-2400 series card-swiping data

Example : 20150711,165254,0,0000000198,18,0,0,0,1

The fields of card-swiping data is going in sequence as : date, time, duty shift,

card number, event, In / Out, 0 , Input (way), ID number

Date : Year-Month-Date (eg. 20150711)

Time : Hour-Minute-Second (eg. 165254)

Duty shift : Reserved("0" in the above example means "no function")

Card number : (eg. 000000198)

Event : Hexadecimal (eg. Hex. number "18" means without the function of using

"any card" to unlock door) 0x00 Stand for event, and the following is event code 0x01 Valid Card 0x02 **PIN Error** 0x03 While requiring PIN code, it has to swipe card, not allows to input card number by keypad 0x04 Authorization mismatch 0x05 Holiday authorization mismatch 0x06 Valid date expired 0x07 Card number is not found 80x0 Primary card and secondary card matching failed 0x09 Authorization of Two card rule matching failed 0x0A Time attendance card 0x0B Blacklist trigger alarm 0x0C Deactivate alarm 0x0D The first primary card or secondary card or Two Card (rule) 0x0E Code-input error 0x0F Swiping card + code not unlock door 0x10 Patrol card unlock door 0x11 Patrol card can't unlock door 0x12 Patrol card's authorization mismatch, not to unlock door 0x13 Swiping card + code to unlock door 0x15 Blacklist 0x16 Swiping card within conditional unlock time schedule 0x17 Anti error 0x18 Without the function of using "any card" to unlock door 0x1D Exceed the maximum number of attempts, triggering alarm 0x1E Deactivate alarm Unhandled data 0x1F In/Out: 0=Reader1(Reader Inside), 1=Reader2(Reader Outside) (eg. "0" means

Reader Inside •)

0 : Invariable number "0"

Input : (eg. "0" means "Input card number by Keypad")

0=Input card number by Keypad

1=Input by Swiping card

- ID : Device ID number
- 6. Special Dump File : This function is reserved.

> Dump Icol(172.0.5)										
None	HAMS eNite	013								
	HAMS Dat	abase Path(MDB)	📃 Merge to MI	DВ						
	C:\Program	a Files/HAMS-19/HAI	AS.mdb							
	Device Name		Device Type		Device No	IP/Com		Point	BaudRate	
•	940PM		RAC-940PM		2	172.16.35.43		4 <i>66</i> 0		
	960PM		RAC-960PM		1	172.16.35.95		4660		
	960PMF		RAC-960PMF		1	172.16.35.96		4660		
	2000WS		RAC-2000WS		2	COM3			19200	
	 ComPort 		*	Devileur		~				
			Y	Baudrate			Jode ID 2			
	⊙ ₽	172.16.35.43		Port	4660					
	Device Type	RAC-940PM	*							
	Swipe Card Record	Devic	e Parameter	Start Addre		0	Length(1-8192)	1		
	ring Path	Done	C F diamona	Start Abore	22(1777)	~	LEngui(1-01-92)	1		
i Sav	llig Faul					Directory	Dump	Exit		
						Dittowiji				
SI	pecial Dump File —									
	Bin File									
	DHTE					File	e			
	Decode Bin I	DeployDeviceID 🚥	0000003	🗌 Date				Card Len	10	
				eNito:	r Web File Format					

12-3 Dump Data -eNitor

It is mainly to dump swipe card records from device directly. Due to eNitor database is existence, operator need input SQL location, account and password and all devices information will display as below.

Operation Steps:

- 1. Input eNtior SQL server's information. After click [Connect], Dump tool will connect with eNtior database and list all device information.
 - SQL Server Location : SQL server's name or IP address.
 - Database Name : Please add AR_ in front of database name.
 - SQL Username : Database Name
 - SQL Password : Database Password
- 2. Select which device does you want to dump.
- 3. Tick check box of Swipe Card Record. Device Parameter is advanced function, kindly contact with engineers.
- 4. Click [Director] and select dump saving path.
- 5. Click [Dump] and starting to dump swipe card records.
- 6. Special Dump File : This function is reserved.

DumpTool(¥2.0.5)	
None HAMS eNitor3	
SQL Server Location	SQL Usemame
Database Name	SQL Password Show Password
	Connect
Device No Device Name Device Type	
Device Not Device Name Device Type	
🔿 ComPort 💽 Baudrate	▼
	4660 Node ID 2
Device Type RAC-940PM	
🗹 Swipe Card Record 📃 Device Parameter Start Addu	ess(DEX.) 0 Length(1-8192) 1
Saving Path	
	Directory Dump Exit
- Spécial Dump File	
Bin File	
	File
Decode Bin DeployDeviceID 000000003 🔲 Date	Card Len 10
	n Web File Format

13. Help

13-1 Service

Point company name and service number, and double click on left-mouse key to modify the information. Once close the window, the modification is saved.

🔜 Service		×
Company: Service:	ABC 1234 <i>56</i> 7890	
🔜 Service		×
Company: Hotline:	ABC 1234567890	

13-2 Version

Display current version

Chapter 6 : Appendix

Appendix A : Error Code

Return Value	Description
1125	Operation timeout during multi-thread polling
1126	An error occurred while releasing multithreaded program
1001	An error is present in the sent parameter, or device returned an error in
1001	the packets. Kindly refer to Return Code table in the appendix section
1002	Socket or communication port read/write error. An error occurred during
1002	asynchronous read/write.
1003	Data length too short, device returned an invalid data length.
1103	Length of packet is less then the expected length
1004	Invalid control handler received. Invalid hComm value,
1005	Error in the packet no. returned.
1006	Error of 16-bit Cyclic Redundancy Check (CRC-16) returned.
1106	16-bit Cyclic Redundancy (CRC-16) Checksum Error.
1007	Terminal sent an invalid command to device or device does not support
1007	this function.
1008	An error occurred while performing read/write to slave device.
1009	Data length transmitted exceeded max. allowed length.
1010	No data was retrieved
4445	An error while reading device data or records
1025	Operation timed out during asynchronous read/write.
1026	Wait error during asynchronous read/write.
2225	Data was not retrieved during asynchronous read/write.

Appendix B : Trouble Shooter

After install HAMS but cannot log into HAMS.

- 1. Please check if you install HAMS by Administrator.
- 2. Click right key of mouse and select "Run as Administrator"
- 3. Please copy the error screen and send to our technology staff.

HAMS does not communication with device.

- 1. Please check software setting, if device ID, COM/IP address, port/ baud rate are same with hardware.
- 2. Please check hardware wirings.
- 3. If you are using TCP/IP machine, deice ID must be 1 in the software.
- 4. If you are using TCP/IP communication, please ping the IP first.
- 5. Device and software should in the same network.

After upload the authorization, but still display time zone error.

- 1. Please check time zone and time schedule.
- 2. Please check if time zone and time schedule are uploading to device.
- 3. Please check if the user has authorization to access the door.
- 4. Please check device ID/name, maybe the user access wrong door.

Upload speed is very slow

1. Please check if network or communication port is existence.

User cannot find records in the swipe card report.

- 1. Query condition is not correct.
- 2. Please check HAMS folder, HAMS_2015.mdb, if you can read events in PubEvent.

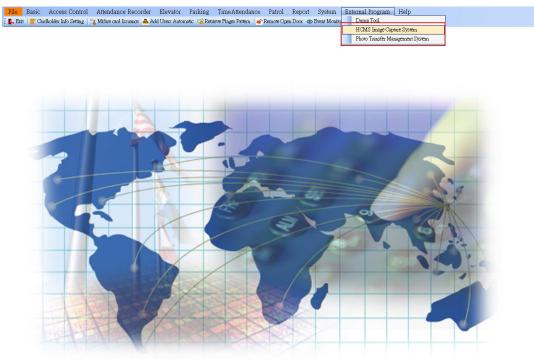
Appendix C : External Program (HCMS/HAMS-FACE)

Login ADMIN Current opeartion: Authorization Setting Current Time 2014/3/11 下午 05:13:50

Please open the software and set compatible HAMS/HTMS/HIMS database path first. Once the software database path is set, when HAMS/HTMS/HIMS software is opened, you will read "External Program" in the main function bar.

(Kindly refer to HCMS manual for data-base setting information.)

(How to use the face recognition settings, please refer to the HAMS-FACE software manual)

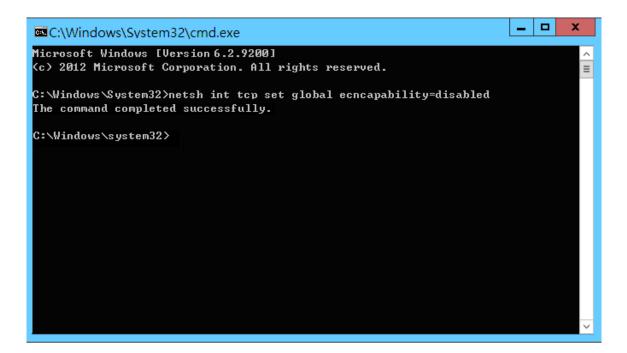


Appendix D : Troubleshooting when install Window Server 2012

When install HAMS in Window Server 2012, if you cannot read parameter or upload settings, please process follow steps.

- Please go to Start-> execution and input C:\windows\system32\cmd.exe System will display Server windows 2012 version.
- 2. Input command : netsh int tcp set global ecncapability=disabled
- 3. Then go back to HAMS and set parameters and download authorizations to hardware again.

After that, system may work normal.



ONE YEAR LIMITED WARRANTY

This warranty does not cover cosmetic damage or damage due to acts of God, accident, misuse, abuse, negligence or modification of any part of the product. This warranty does not cover damage due to improper operation or maintenance, connection to improper equipment, or attempted repair by anyone other than.

In no event shall manufacturer's liability exceed the price paid for the product from direct, indirect, special, incidental, or consequential, damages resulting from the use of the product, its accompanying software, or it's documentation. Hundure makes no warranty or representation expressed, implied, or statutory, with respect to its products, contents of use of this documentation and all accompanying software, and specially disclaims its quality, performance, merchantability or fitness for any particular purpose. Hundure reserves the right to revise or update its product, software or documentation without obligation to notify any individual or entity.

TECHNICAL SUPPORT

For technical questions regarding your product. Please email to our service and support team at

overseas@hundure.com