

1 Package Contents 包裝內容

Kindly ensure the product's contents upon unpacking; please refer to this quick start guide regarding the product 's specifications and important notices.
打開包裝確認產品包裝內容,並請詳細閱讀此手冊,認識產品規格特性與注意事項。



Controller x 1
主機



Quick Start Guide x 1
快速安裝手冊

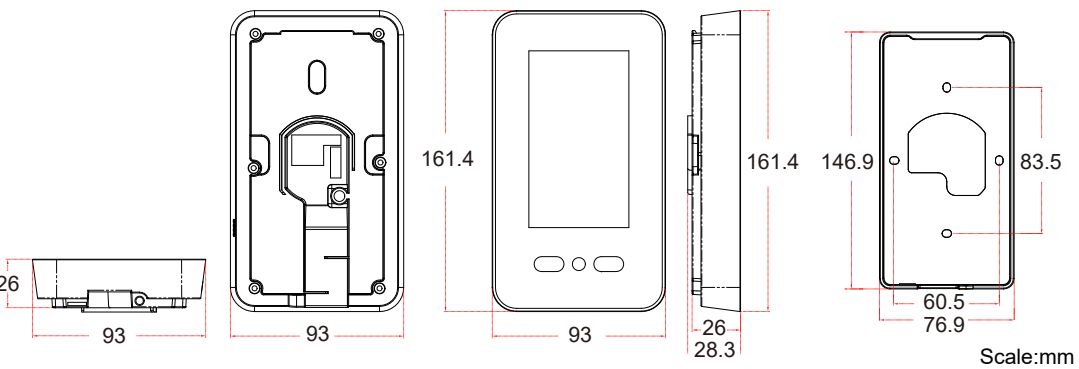


Plate x 1
固定板



Hexkey wrench x 1
Screw x 3 / Cable x 2
六角扳手/螺絲/傳輸線

2 Physical Dimension 外觀尺寸



3 Installation 安裝

(A) Mount the back plate onto the wall with screws.

(B) Connect the wires in accordance with the wiring instruction. (CN1、CN2)

(C).(D). Install the controller upper cover to the back plate. Make sure the back plate and the controller upper cover guides are aligned.

(E). Use the screws onto the bottom of the controller.Installation complete.

(F). Tear off the protective film.

• 安裝主機固定板時,請勿用力過大以避免造成彎曲變形。

(A). 將固定板用螺絲固定於牆面上。

(B). 依照接線說明將線接上 (CN1,CN2)。

(C).(D). 由上而下掛上主機往底座蓋合。

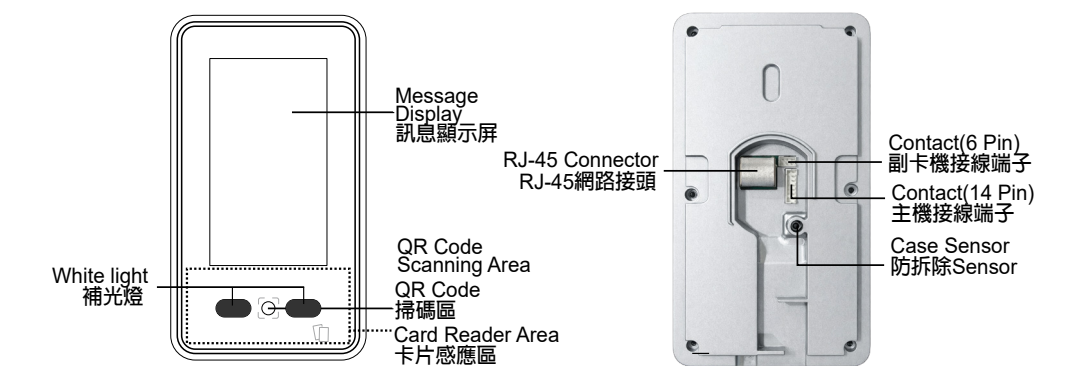
(E). 鎖上主機底部一個螺絲,即完成安裝。

(F). 請撕掉保護膜。

Disassembly method/拆卸方式:

Use a flat-head screwdriver, insert it into the small hole between the upper and lower cover, and pry upward to open the upper cover.

使用一字起子,插入上蓋與下蓋間的小洞,往上撬開即可打開上蓋。



4 Wiring Connections 接線

• Note : Devices without PoE must not be connected to a PoE Hub to avoid equipment damage.

• 注意：無PoE的機型請勿連接PoE Hub以免造成設備燒毀

• Communication / 通訊接線方式

TCP/IP

RS-485

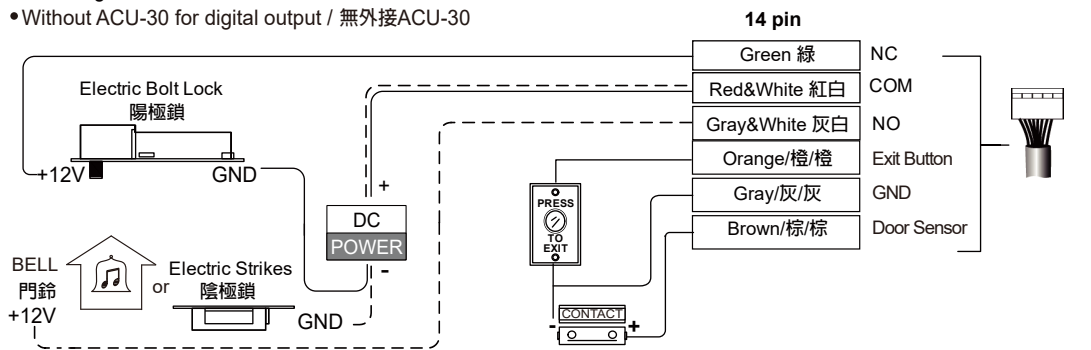
Pin 1: RS-485- Pin 2: RS-485+

14pin Yellow/黃: RS-485+ Blue/藍: RS-485-

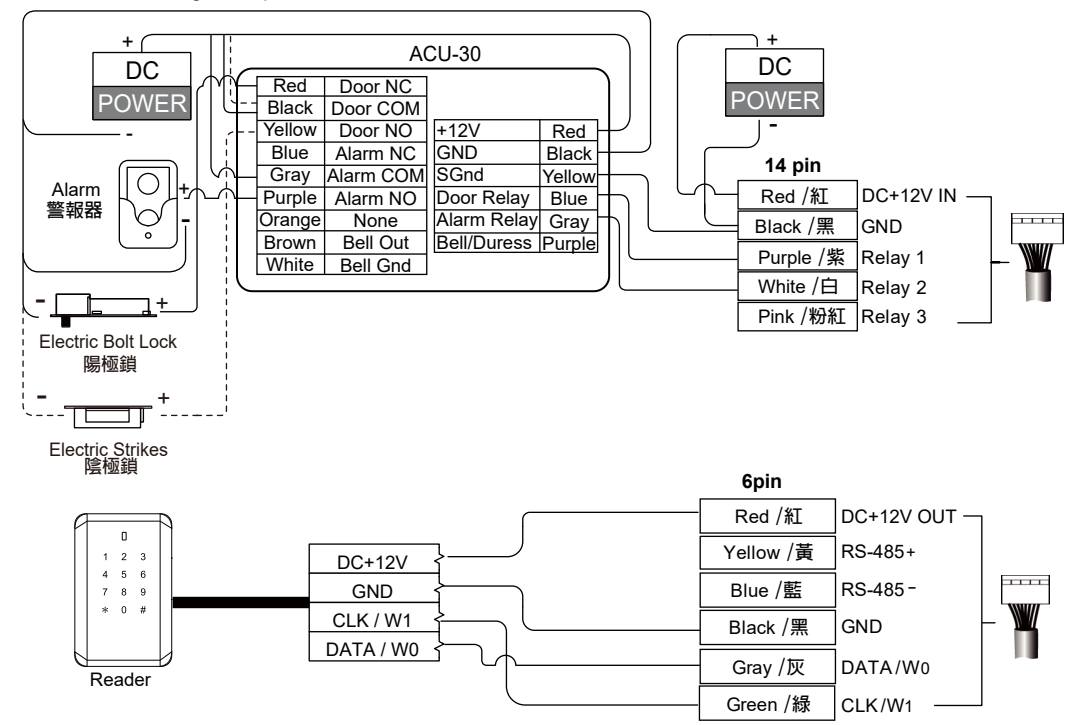
HUNDURE HUNDURE TECHNOLOGY CO., LTD.

STANDALONE ACCESS CONTROLLER
HAC-300QM SERIES
Quick Start Guide
快速安裝手冊
Ver. 1.0

- Pin Assignments / 輸入輸出端子
- Without ACU-30 for digital output / 無外接ACU-30



- With ACU-30 for digital output 外接ACU-30



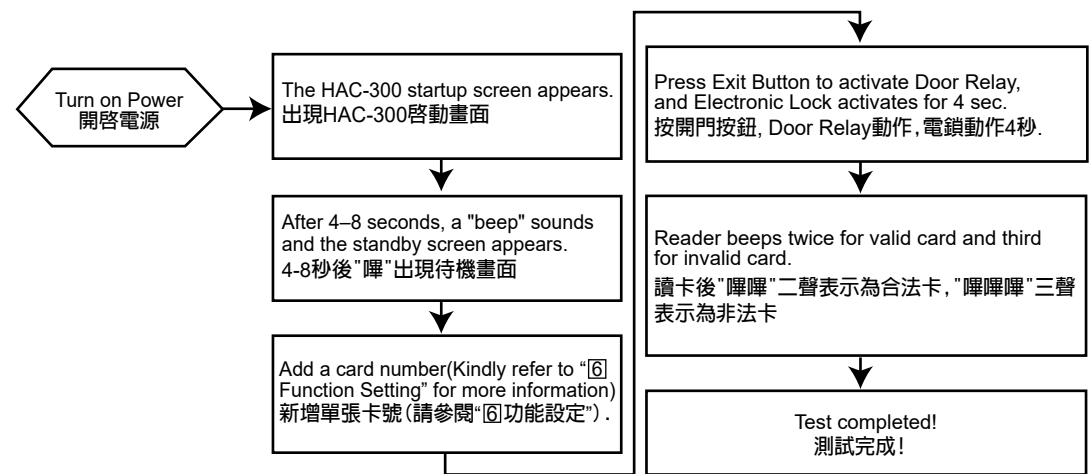
To set Relay mode,please refer to software setting.
Relay動作模式,請參考軟體設定。

Kindly use ACU-30 for digital output.
For connection with a terminal that releases door upon open circuit; for example: Electric Bolt Lock, please connect common contact and NC (normally closed) contact.
For connection with a terminal that releases door upon closed circuit; for example: Electric Strikes, kindly connect common contact and NO (normally open) contact.
Note: 1.The maximum voltage and contact rating of the relay is DC 12V/2A or DC 24V/1A. If you are to connect a terminal with alternating current, make sure to transfer a relay with higher power output.
2.To enhance security, kindly install the reader and the ACU-30 separately in different locations.

請搭配 ACU-30 使用。
使用斷電開門電鎖,如陽極電鎖,請接 COM 點及 NC 點。
使用通電開門電鎖,如陰極電鎖,請接 COM 點及 NO 點。
注意：1.RELAY最大承載電力請勿超過 DC 12V/2A 或 DC 24V/1A,如控制點設備為交流電源,請另行轉換大功率電驛(繼電器)。
2.為提高門禁的安全性,安裝讀卡機時須與ACU-30分開安裝在不同的位置。

5 Testing /測試

To avoid interference self-detection of sensitive touch keypad, please do not touch the keypad when input power.
觸摸按鍵機種安裝送電時,需注意勿碰觸到按鍵,以免按鍵誤動作。



One Year Limited Warranty 產品保固證明書

We warrants this product against defect in material or workmanship for 1 year from the date of purchase. If such a defect is discovered within this warranty limitation, contact your direct vendor for repair or replacement of your unit.
When returning the product, you must ship the product in its original packaging or packaging that gives an equal degree of protection. This warranty becomes invalid if the factory-supplied serial number has been removed or altered on the product.
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 We.
In no event shall We liability exceed the price paid for the product from direct, indirect, special, incidental, or consequential, damages resulting from the use of the product the product, its accompanying software, or it's documentation. We 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 qualti , performance, merchantability or fitness for any particular purpose. We reserves the right to revise or update its product, software or documentation without obligation to notify any individual or entity.

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Model 型號	Serial no. 序號	Date of Purchase 購買日期	Reseller stamp 經銷商

Warranty will be valid only after filling out this form and stamped or signed by reseller!
此保固書必須填妥各項內容,並且蓋有經銷商印鑑始為有效。

6

Function Settings 功能設定

MASTER Default=30191000 / MASTER出廠值為30191000		
Function / 功能	Steps	操作方法
User / 使用者		
Add/Edit/Delete Card 新增/異動/刪除 新增卡號	Add A card [MASTER]→[User]→[Add/Edit/Delete Card]→[Enter/Scan Card Number]→[Unrestricted]→Confirm [MASTER]→[User]→[Add/Edit/Delete Card]→[Enter/Scan Card Number]→[Restricted]→[Week Table]→[Password]→Confirm ▲1-256 time periods available; configure in access control settings as per weekly schedule. ▲If no password is entered, please press Confirm directly.	新增單張卡號 [MASTER]→[使用者]→[新增/異動/刪除]→[輸入/感應卡號]→[不管制]→確定 [MASTER]→[使用者]→[新增/異動/刪除]→[輸入/感應卡號]→[管制]→[輸入星期表編號]→[輸入密碼]→確定 ▲時段有1-256組,需全門禁設定,參考星期表設定方式。 ▲不輸入密碼請直接按確定即可。
	Successive Addition of Card No. [MASTER]→[User]→[Add/Edit/Delete Card]→[Enter/Scan Card Number]→[Successive]→[Unrestricted]→[Number of Cards]→Confirm [MASTER]→[User]→[Add/Edit/Delete Card]→[Enter/Scan Card Number] →[Successive]→[Restricted]→[Number of Cards]→[Week Table]→[Select Password]→Confirm. ▲If password is necessary, the last four digits of card number will be password automatic.	新增連續卡號 [MASTER]→[使用者]→[新增/異動/刪除]→[輸入/感應卡號]→[新增多張連續卡片]→[不管制]→[卡片數量]→確定 [MASTER]→[使用者]→[新增/異動/刪除]→[輸入/感應卡號]→[新增多張連續卡片]→[管制]→[卡片數量]→[星期表編號]→[選擇是否需要密碼]→確定 ▲如需密碼時,系統自動以卡號後4碼為密碼。
Add/Edit/Delete Card 新增/異動/刪除 刪除卡號	Delete Card [MASTER]→[User]→[Add/Edit/Delete Card]→[Enter/Scan Card Number]→[Delete Card]→Delete Delete Successive [MASTER]→[User]→[Add/Edit/Delete Card]→[Enter/Scan Card Number]→[Delete Multiple]→[Number of Cards]→Delete Delete All [MASTER]→[User]→[Add/Edit/Delete Card]→[Enter/Scan Card Number]→[Delete All]→Delete	刪除此卡 [MASTER]→[使用者]→[新增/異動/刪除]→[輸入/感應卡號]→[刪除此卡]→刪除 刪除連續卡號 [MASTER]→[使用者]→[新增/異動/刪除]→[輸入/感應卡號]→[刪除連續卡號]→[選擇張數]→刪除 刪除全部 [MASTER]→[使用者]→[新增/異動/刪除]→[輸入/感應卡號]→[刪除全部]→刪除
Add/Edit/Delete Card 新增/異動/刪除 卡號異動	[MASTER]→[User]→[Add/Edit/Delete Card]→[Enter/Scan Card Number]→[Week Table]→[Input new Week Table]→[Enter/Scan Card Number].....Continue ▲Continue to change other cards' time schedule. Or wait for time out and return to ready status.	[MASTER]→[使用者]→[新增/異動/刪除]→[輸入/感應卡號]→[星期表]→[輸入新星期表]→[回到輸入/感應卡號]...繼續 ▲可繼續更改其他卡片時段或等待time out離開。
Master Card (Default=30191000) 管理母卡(出廠值=30191000)	[MASTER]→[User]→[Master Card]→[Enter/Scan Card Number]→Completed	[MASTER]→[使用者]→[管理母卡]→[輸入/感應卡號]→完成
Disarm Number (Default=0000) 解除碼 (出廠值=0000)	[MASTER]→[User]→[Disarm Number]→[Enter/Scan Card Number.]→Completed	[MASTER]→[使用者]→[解除碼]→[輸入/感應卡號]→完成
Duress Number 脅迫碼	[MASTER]→[User]→[Duress Number]→[Enter/Scan Card Number]→Completed	[MASTER]→[使用者]→[脅迫碼]→[輸入/感應卡號]→完成
Access Control / 門禁		
Week Table 星期表	[MASTER]→[Access Control]→[Week Table]→ [Time Slot Table 1-256]→[Mon~Holi]→[Timezone 1~8]→Confirm ▲Time zone (Mon~Holi) is 00:00-00:00 signifies not use.	[MASTER]→[門禁]→[星期表]→ [組別 1-256]→ [週一~假日]→[時段 1~8組]→確定 ▲週一到假日之時間表為00:00-00:00為不使用。
Continuous Open 持續開門時段	[MASTER]→[Access Control]→[Continuous Open]→[Set Time]→Completed ▲Select unlock time schedule from 1-256 sets time schedules. The door will remain open until the allotted time. ▲Please set timezone and time schedule first.	[MASTER]→[門禁]→[持續開門時段]→[設定時間]→完成 ▲可從1-256組時段裡選擇作為持續開門時段,該時段會持續到設定的時間才關閉。 ▲請先將星期表設定完成。
Door Relay 開門時間	[MASTER]→[Access Control]→[Door Relay]→[Enter Seconds]→Completed ▲Default time is 4 seconds. Screen will show 4.0 seconds.Range is 0.1-600 Seconds. (It is advisable to keep moderate time duration, not too long or too short.)	[MASTER]→[門禁]→[開門時間]→[輸入秒數]→完成 ▲畫面顯示4.0 Sec為預設時間4秒鐘,時間範圍為0.1~600秒 (建議開門時間勿過短或過長)
Alarm Relay 警報時間	[MASTER]→[Access Control]→[Alarm Relay]→[Select Mode]→Completed ▲Latch Mode: It will not return to original position until disarm card/code has been entered. Toggle Mode: It will change the relay condition after ever time being activated. For example, relay on become to relay off. Pulse Mode: Returns to the original position after the specified time. Valid range: 0.1~600 seconds. (Setting the parameter to 0 or above 600 seconds will be invalid.)	[MASTER]→[門禁]→[警報時間]→[選擇模式]→完成 ▲Latch模式則動作後需輸入解除碼才能解除該動作。 Toggle模式則反向動作一次即改變目前狀態,如開變關,或關變開。 Pulse模式則動作後會依"指定"時間恢復,故在模式下只能輸入時間,時間範圍為0.1~600秒。(若設定為0或大於600秒時,則該時間設定無效)
Door Sensor 門磁偵測	[MASTER]→[Access Control]→[Door Sensor]→[Enter Seconds]→Completed ▲Sensor detection time may be set from 0.1~600 seconds. (If the setting is 0, the function is disabled. If the setting value is greater than 600 seconds, the setting is invalid.)	[MASTER]→[門禁]→[門磁偵測]→[輸入秒數]→完成 ▲若有使用可更改的偵測時間為0.1~600秒。(若設定為0表示功能關閉,若設定值大於600秒時,則該設定無效)。
System / 系統		
Date/Time 日期/時間	[MASTER]→[System]→[Date/Time]→[Enter Date/Time]→Completed	[MASTER]→[系統]→[日期/時間]→ [輸入日期/時間]→完成
Date Format 日期格式	[MASTER]→[System]→[Date Format]→[Select format]→Completed ▲Date display formats are YYYY/MM/DD, MM/DD/YYYY, DD/MM/YYYY (YYYY is year, MM is month, DD is date)	[MASTER]→[系統]→[日期格式]→[選擇格式]→完成 ▲日期顯示方式為YYYY/MM/DD,MM/DD/YYYY,DD/MM/YYYY (YYYY為年份、MM為月份、DD為日)
LCD Brightness LCD亮度	[MASTER]→[System]→[LCD Brightness]→[Adjust Brightness]→Completed	[MASTER]→[系統]→[LCD亮度]→[調整亮度]→完成
Reader Interface 讀卡機介面	[MASTER]→[System]→[Read Interface]→ [Select Interface]→Completed ▲Provide T1/T2 / Wiegand 26(8) / Wiegand 26(10) / Wiegand 34 interfaces	[MASTER]→[系統]→[讀卡介面設定]→ [選擇介面]→完成 ▲提供T1/T2 / Wiegand 26(8) / Wiegand 26(10) / Wiegand 34 介面
QR Encryption/ QR 加密模式	[MASTER]→[System]→[QR Encryption]→ [Select OFF/ON]→Completed	[MASTER]→[系統]→[QR 加密模式]→ [選擇關閉/開啓]→完成
Host Initialization 主機初始化	[MASTER]→[System]→[Host Initialization]→ [Select Submit or Cancel]→Completed ▲System Initiation clears all records within the memory including the card numbers, system settings, Master code (Default is 30191000) and restores all parameters to default settings. After performing this function, card number and parameter should be reset.	[MASTER]→[系統]→[主機初始化]→ [選擇確定或取消]→完成 ▲系統初始化將所有開門卡號、系統設定值(包括Master Code)等資料重新設回原內定值(Master Code內定為30191000) 執行後,所有合法卡號及所有參數皆必須重新設定。
Communication / 通訊		
Host ID 本機ID	[MASTER]→[Communication]→[Host ID]→[NEW=]→Completed ▲ID Range from 1~255	[MASTER]→[通訊]→[本機ID]→[輸入新ID]→完成 ▲ID範圍為1~255
IP Address IP位址	[MASTER]→[Communication]→[IP Address]→[NEW=]→Completed ▲Screen will display original IP address	[MASTER]→[通訊]→[IP位址]→[輸入新IP Address]→完成 ▲IP位址,請參電腦網路連線設定
Port 通訊埠	[MASTER]→[Communication]→[Port]→[NEW=]→Completed ▲Screen will display original port.	[MASTER]→[通訊]→[Port]→ [輸入值]→完成 ▲埠號,請參電腦網路連線設定
Subnet Mask 子網路遮罩	[MASTER]→[Communication]→[Subnet Mask] → [NEW=]→Completed ▲Screen will display original submask.	[MASTER]→[通訊]→[Subnet Mask]→ [輸入值]→完成 ▲子網路遮罩,請參電腦網路連線設定
Gateway 預設開道	[MASTER]→[Communication]→[Gateway]→ [NEW=]→Completed ▲Screen will display original gateway.	[MASTER]→[通訊]→[Gateway]→ [輸入值]→完成 ▲預設開道,請參電腦網路連線設定
Remote IP Address/遠端IP位址	[MASTER]→[Communication]→[Remote IP]→ [NEW=]→Completed	[MASTER]→[通訊]→[遠端IP位址]→ [輸入值]→完成
Remote Comm. Port/遠端通訊埠	[MASTER]→[Communication]→[Remote Port]→ [NEW=]→Completed	[MASTER]→[通訊]→[遠端通訊埠]→ [輸入值]→完成
Modbus Port/Modbus 通訊埠	[MASTER]→[Communication]→[Modbus Port]→ [NEW=]→Completed	[MASTER]→[通訊]→[Modbus 通訊埠]→ [輸入值]→完成
MAC Address/MAC位址	Display local MAC address	顯示本機MAC位址
QR Code Steps / QR Code步驟		
	Scan the QR Code on the right to install "mCard Access" After installation, use the app's scanning function to scan the QR Code on the left to obtain the trial card number "1234567890".	請掃描右方 QR Code 下載 "mCard Access" 安裝後可使用 APP 的掃描功能,掃描左方 QR Code 取得試用版卡號 "1234567890"

● LCD Display / LCD畫面說明



- 1 Time/時間
- 2 Weekday/Date / 星期/日期
- 3 Ready!/Work Status / 待機/班別
- 4 T&A/考勤
- 5 Config/設定
- 6 Input Card/輸入卡號
- 7 Bell/門鈴
- 8 Card record exceeds 99%/刷卡紀錄超過99%
- 9 Door is ajar/門未關妥
- 10 Reader Communication Status/讀頭通訊狀態
- 11 RS-485 Communication Status/RS-485通訊狀態
- 12 Ethernet Communication Status/以太網路通訊狀態
- 13 Reader Received Valid Card/讀頭收到合法卡
- 14 Reader Received Invalid Card/讀頭收到非法卡



- Apply to open door by cell phone / 使用手機開門