

# HAC-A12PE-BE/PM-BE

## Bluetooth Access Controller



### Features

- Supports entry modes through Bluetooth (BLE), card swipe or Pin code or card swipe with Pin code. Installs App on your phone to enable Bluetooth function to unlock the door.
- Standalone operation and setting function; Supports to add unrestricted cardholders.
- The memory capacity supports 20,000 cardholders and 40,000 events.
- Casing tamper proof detection and door ajar alarm.
- Equipped with sensitive touch keypad and door bell key.
- Unique ID or Block read format supported and programmable key value. (HAC-A12 PM-BE)
- Provides 128 groups of time schedules; each group of time schedule includes a whole week (7 days) time schedules; each day allows 8 time schedules settings.
- Supports conditional unlock door schedules.
- Able to connect T2/W26 slave reader and supports various decode setting.
- Settable slave-reader's time schedules that needs to check password or unrestricted.
- Connecting a slave reader to have the Anti-Passback function for single door.
- Built-in TCP/IP communication interface for connecting to PC.
- Duress card/code setting. When door opened in the emergency, controller will send signal to control center at the same time for tracing and rescue.
- Provides 32 siren outputs. Able to enable alarm by schedules. (Need to work with ACU-30).
- Provides two groups of holiday setting; each holiday group supports 100 holidays.
- Keypad lock-down schedules; Under these time schedules, the keypad is locked but allows temporarily press keypad under the condition that needs to enter password.
- Provides card re-swipe check function and the card re-swipe check time (Sec.) settings.
- Adjustable Push Button \ Door Sensor mode (NO/NC) and door sensor detection time.

### Ordering Information

#### Package Content:

- Controller x 1
- Quick Start Guide x 1
- Accessory Pack x 1

#### Supported Software:

- HAMS Management System

#### Optional Accessories:

- AC-DC Adapter
- PSU-330 Uninterrupted Power Supply
- T2/Wiegand Proximity Reader
- ACU-30 Slave Controller

### Specifications

Model No.	HAC-A12PE-BE	HAC-A12PM-BE
Read Format	EM (125 KHz) Bluetooth (Android 5.0+ / iOS 10.2+ Bluetooth phone) – need to work with App.	Mifare (13.56 MHz ) Bluetooth (Android 5.0+ / iOS 10.2+ Bluetooth phone)– need to work with App.
Read Range	5 cm	3 cm
BLE Read Range	At least 60cm under normal environment	
Slave Reader	T2 or Wiegand x 1	
Input Ports	3 Sensor (Door Sensor x 1, Push Button x 1, Case Sensor x 1)	
Output Port (Built-in)	Relay x 2	
Output Port (External)	O.C. Output x 2 (Alarm/Siren \ external ACU-30)	
Cardholders	20,000	
Events	40,000	
LED Indicator	Status / Comm.	
Keypad	13 Keys (0-9, *, #, Doorbell )	
Real Time Clock	Yes	
Beep Tone	Buzzer	
Comm. Interface	TCP/IP / RS-485	
Comm. Baudrate	RS-485 : 9,600 / 19,200 bps-N-8-1 ; TCP/IP : 10/100Mbps	
IP Setting	Set IP by Utility	
Power Input	DC 12V	
Current Consumption	300mA (max.)	
Operating Temp.	-20°C ~ 70°C / -4°F ~ 158°F	
Relative Humidity	20% ~ 80% (Non-condensing)	
Dimension (mm)	120 (L) x 80 (W) x 27 (H)	

### System Architecture

