

# 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.
- Support remote door opening and forced door control functions.

### Ordering Information

#### Package Content:

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

#### Supported Software:

- HAMS Management System

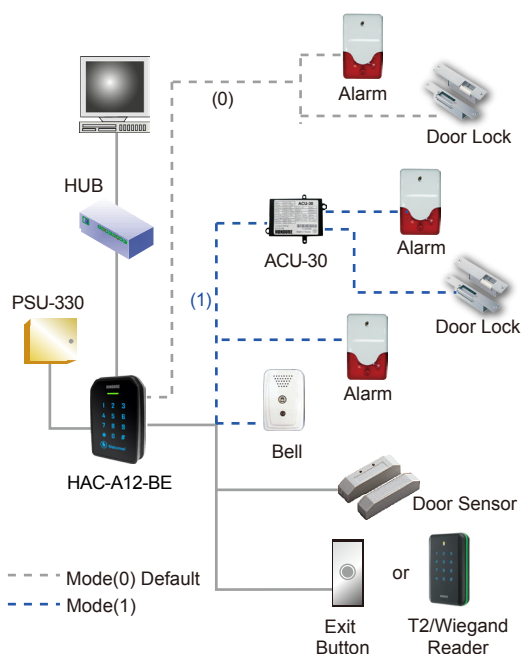
#### Optional Accessories:

- 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)<br>Bluetooth (Android 5.0+ / iOS 10.2+ Bluetooth phone) – need to work with App. | Mifare (13.56 MHz)<br>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



Please scan QR Code to download mCard App

\* Product design and specifications are subject to change without prior notice.