

# RAC-340PEA/PMA

## Standalone Access Controller



### Features

- Auto or manual clock in / clock out.
- Supports network or standalone operation.
- Memory capacity 1,024 cardholders / 800 events.
- 8 sets siren output. (external connection via ACU-30)
- Watchdog function secures system free from halting.
- Unique ID or Block read format supported. (RAC-340PMA)
- Conditional Unlock Door function, able open 1~9,999 seconds per time.
- Provide RS-485 communication, able expandable to 64 sets by RS485 interface.
- Support swipe card and card with pin codes enter modes and door relay time from 1~600 seconds.
- 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.
- Graphic Display with backlight, LCD Display of date, time, weekday and controller status.
- Function keys of access control and shifts which convenient to personnel to generate time attendance reports.
- Casing tamper proof detection and door tamper alarm. Programmable door sensor detection time from 1~600 seconds and able set relay or reader beep of alarm type.

### Ordering Information

#### Package Content:

- RAC-340 x 1
- Base x 1
- ACU-30 x 1
- Quick Start Guide x 1
- Accessory Pack x 1

#### Supported Software:

- HAMS Management System

#### Optional Accessories:

- EPC-406 USB to RS-422/485 Converter
- AC-DC Adapter
- PSU-330 Uninterrupted Power Supply

### Specifications

Model No.	RAC-340PEA	RAC-340PMA
Read Format	EM (125 KHz )	Mifare-1 (13.56MHz )
Read Range	6-8 cm (max)	3 cm (max )
Input Ports	3 Sensors ( Door Sensor x 1 · Exit Button x 1 · Case Sensor x 1 )	
Output Ports	O.C. Output x 2 ( Door Lock / Alarm or Siren · external ACU-30)	
Cardholders / Events	1,024 / 800	
LED Indicator	Power / Comm.	
LCD Display	122 x 32 Dot. Graphic Display with backlight	
Keypad	16 Key ( F1-F4, 0-9, CE, Enter )	
Real Time Clock	YES	
Beep Tone	Buzzer	
ID Setting	DIP switch setting	
Power Input	DC 12V / 1A	
Current Consumption	300mA. ( max. )	
Comm. Interface	RS-485	
Comm. Baudrate	19,200 bps-N-8-1	
Operating Temp.	0° C ~ 55° C / 32° F ~ 131° F	
Relative Humidity	20% ~ 80% (Non-condensing)	
Dimension	140mm(L) x 65mm(W) x 25mm(H)	
Weight (Device)	286g	

- ACU-30 supports 2 output ports for door lock and alarm or siren.

### System Architecture

