

# RAC-970PE/PM

## Standalone Access Controller



### Features

- Bell key design. Suit for various location.
- Casing tamper proof detection and door tampers alarm.
- Support swipe card and swipe card with pin codes enter modes.
- The memory of the standard model is 40,000 cardholders (max) and 100,000 events.
- Unique ID or Block read format supported. (RAC-970PM )
- Slim, stylish design with waterproof sensitive touch keypad with blue backlight.
- Built-in RS-485 & TCP / IP communication interface to PC.
- Blacklist and Duress card/code setting. When door opened in the emergency, the controller will send signal to control center at the same time for tracing and rescue.
- Programmable disarm code and able set maximum attempts to trigger re-swipe card alarm. The controller time-out function will avoid intrusion in and has self security.
- Provide 32 working shifts and 32 siren output. LCD will display current shift and activate alarm. Provide 100 holiday schedules per year.
- Able to connect external slave reader, And support anti-passback to every single door.
- Provide 128 time zones and time schedules, 8 time conditional unlock door schedules. (per week)
- Display name on the LCD screen after swiped card. Function keys of access control and shifts which are convenient to personnel to generate time attendance reports.
- On-board lithium battery ensures data storage can reach up to 1 year upon power outage.
- Conforms to ISO 14443A standard; supporting Mifare card. (RAC-970PM )

### Ordering Information

#### Package Content:

- RAC-970 x 1
- Plate 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.	RAC-970PE	RAC-970PM
Read Format	EM (125 KHz )	Mifare (13.56MHz )
Read Range	8-10 (max)	3-5 (max )
Slave Reader	T2 or Wiegand (1 Set )	
Input Ports	3 Sensors (Door Sensor x 1、 Exit Button x 1、 Case Sensor x 1)	
Output Port (Built-in)	Relay x 1 (Door Lock or Bell )	
Output Port (External)	O.C. Output x 2( Door Lock / Alarm or Siren , external ACU-30 )	
Cardholders	40,000 (max)	
Events	100,000	
LED Indicator	Power / Comm.	
LCD Display	128 x 64 Dot. Graphic Display with backlight	
Keypad	17 Key (F1-F4, 0-9, * , #, Bell) (Sensitive Touch Keypad)	
Real Time Clock	Yes	
Beep Tone	Buzzer	
ID or IP Setting	Command setting by keypad	
Water-proof	IP 65	
Power Input	DC 12V / 1A	
Current Consumption	500mA. (max. excluding slave reader)	
Comm. Interface	RS-485 / TCP/IP	
Comm. Baudrate	RS-485 : 9,600/19,200 bps-N-8-1 ° TCP/IP : 10/100 Mbps	
Operating Temp.	0°C~ 55°C / 32°F~ 131°F	
Relative Humidity	20% ~ 80% (Non-condensing)	
Dimension	130mm(L) x 100mm(W) x 27mm(H)	

### System Architecture

