

RAC-960PE-V/PM-V

Standalone Access Controller



Features

- On-board lithium battery ensures data storage can reach up to 1 year upon power outage.
- Bell key design. Suit for various location.
- Standalone operation & setting function
- 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.
- Casing tamper proof detection and door tampers alarm.
- Slim, stylish design with waterproof sensitive touch keypad with blue backlight.
- Provide 128 time zones and time schedules, 8 time conditional unlock door schedules. (per week)
- Built-in RS-485 and TCP / IP communication interface to PC.
- Supports PoE (Power Over Ethernet); The controller can be powered directly through the network cable without any external power supply.
- Display name on the LCD screen after swiped card.
- Memory buffer full warning. When memory capacity reaches 90%, it will make a warning sound to alert the system administrator for data collection.
- 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.
- IP65 rated ingress protection.
- Conforms to ISO 14443A standard; supporting Mifare card; Unique ID or Block read format supported. (RAC-960PM-V)

Ordering Information

Package Content:

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

Supported Software:

- HAMS Management System

Optional Accessories:

- AC-DC Adapter
- T2/Wiegand Proximity Reader
- ACU-30 slave controller

Specifications

Model No.	RAC-960PE-V	RAC-960PM-V
CPU	32 Bit (Supports ISP)	
Read Format	EM (125 KHz)	Mifare (13.56 MHz)
Read Range	6~8 cm	3~5 cm
Slave Reader	T2 or Wiegand (1 Set)	
Input Ports	3 Sensors (Door Sensor x 1 、 Exit Button x 1 、 Case Sensor x 1)	
Output Ports	Relay x 1 : O.C. Output x 2 (Door Lock / Alarm or Siren, external ACU-30)	
Cardholders	40,000	
Events	100,000	
LED Indicator	Red/Green Bi-Color LED x 2 (Power/Comm./Status)	
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	
Ingress Protection	IP 65	
Memory Battery	3V Lithium Battery (Replaceable)	
Power Input	DC 12V / 500mA; PoE	
Current Consumption	500mA (max.)	
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

