

RAC-940PE/PM

Standalone Access Controller



Features



- Bell key design. Suit for various location.
- Support network or standalone operation.
- Blacklist to prevent unknown usage of lost card.
- Casing tamper proof detection and door tamper alarm.
- Support swipe card and card with pin codes enter modes.
- Unique ID or Block read format supported. (RAC-940PM)
- Slim, stylish design, sensitive touch keypad with blue backlight.
- Dynamic control of memory up to 10,000 cardholders (max) / 10,000 events.
- Built-in RS-232 & RS-485 communication interface to PC.
- Programmable disarm code and able set maximum attempts to trigger re-swipe card alarm. The controller time-out function will avoid instruction in and has self security.
- 8 sets siren output. (external connection via ACU-30). Provide 64 holiday schedules per year. (Able input date through software)
- Able to connect external slave reader, type T1 / T2 / Wiegand. And support anti-passback to each single door.
- Provide 16 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 convenient to personnel to generate time attendance reports.
- Memory buffer full warning. When memory capacity reaches 90%, it will send an alarm to remind the system administrator for data collection.
- On-board lithium battery ensures data storage can reach up to 1 year upon power outage.



Access Control Bell Touch Keypad LCD Display Water-proof

Ordering Information

Package Content:

- RAC-940 x 1
- Plate 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
- T2/Wiegand Proximity Reader
- ACU-30 slave controller

Specifications

Model No.	RAC-940PE	RAC-940PM
Read Format	EM (125 KHz)	Mifare-1 (13.56MHz)
Read Range	8-10 cm (max)	3-5 cm (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 Ports(Built-in)	Relay x 1 (Door Lock or Bell)	
Output Ports(External)	O.C. Output x 2 (Door Lock / Alarm or Siren , external ACU-30)	
Cardholders	10,000 (max)	
Events	10,000	
LED Indicator	Power / Comm.	
LCD Display	128 x 64 Dot. Graphic Display with backlight	
Keypad	17 Key (F1-F4, 0-9, * , # , Bell) (Waterproof Sensitive Touch Keypad)	
Real Time Clock	Yes	
Beep Tone	Buzzer	
ID Setting	Command setting by keypad	
Water-proof	IP 65	
Power Input	DC 12V / 1A	
Current Consumption	500mA. (max. excluding slave reader)	
Comm. Interface	RS-232 / RS-485	
Comm. Baudrate	9,600/19,200 bps-N-8-1	
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

