

# RAC-940PE/PM

## Standalone Access Controller



Sensitive Touch Keypad



### 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 / 10,000 events.
- Built-in RS-232 & RS-485 communication interface to PC. (Able to expandable to 255 sets by RS-485 interface)
- 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 / W26. 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.

### 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/W26 Proximity Reader
- ACU-30 slave controller

### Specifications

Processor	32 Bit
Memory	1M
Input Ports	3 Sensors (Door Sensor x 1、Exit Button x 1、 Case Sensor x 1)
Output Ports	Relay x 1 ( Door Lock or Bell ) , O.C. Output x 2 ( Door Lock / Alarm or Siren , external ACU-30 )
Cardholders / Events	10,000 / 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
Read Format & Range	Build in EM / MIFARE® / MIFARE® DESFire module in the controller, able to connect with T1 / T2 / W26 type slave reader. EM (125KHz) : 8~10cm(RAC-940PE)(max.) · MIFARE® / MIFARE®DESFire (13.56MHz) : 3~5cm(RAC-940PM)(max.)
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)
Weight (Device)	340g

### System Architecture

