RAC-960PE/PM
Standalone Access Controller

Sensitive Touch Keypad

Ordering Information

Package Content:
- RAC-960 x 1
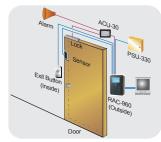- Plate x 1
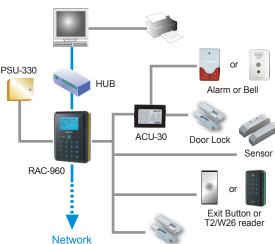- Quick Start Guide x 1
- Accessory Pack x 1

Supported Software:
- HAMS-19/20/22/24 Management System

Optional Accessories:
- AC-DC Adapter
- PSU-330 Uninterrupted Power Supply
- T2/W26 Proximity Reader
- ACU-30 slave controller

System Architecture

Features

- Memory buffer 90% full warning.
- Bell key design. Suit for various location.
- Support network or standalone operation.
- 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 18,000 cardholders and 18,000 events.
- Another model with 170,000 events storage is available for optional purchase.
- Unique ID or Block read format supported. (RAC-960PM)
- Slim, stylish design with waterproof sensitive touch keypad with blue backlight.
- Built-in RS-485 & TCP / IP communication interface to PC. (Able to expand to 255 sets by RS-485 interface)
- 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 50 sets guest card with configurable check digits, duration, usage time & frequency.
- 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.

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), O.C. Output x 2 (Door Lock / Alarm / Bell, external ACU-30)
Cardholders / Events	18,000 / 18,000
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 Setting	Command setting by keypad
Read Format & Range	Built-in EM / MIFARE® / MIFARE® DESFire module in the controller, able to connect with T1 / T2 / W26 type slave reader EM(125KHz) : 8~10cm(RAC-960PE)(max.)、MIFARE® / MIFARE® DESFire(13.56MHz) : 3~5cm(RAC-960PM)(max.)
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)
Weight (Device)	340g

* Product design and specifications are subject to change without prior notice.