

RAC-920PE/PM

Standalone Access Controller



Features

- Support network or standalone operation.
- Memory capacity 1,024 cardholders / 800 events.
- Watchdog function secures system free from halting.
- Able to connect external slave reader type T1/T2.
- Conditional Unlock Door function, able open 1~9,999 seconds per time.
- Provide RS-485 communication, able expandable to 64 sets by RS-485 interface.
- Reader tamper proof detection and door tamper alarm. Programmable door sensor detection time from 1~600 seconds and able set relay or reader beep of alarm type.
- Slim, stylish design, sensitive touch keypad with blue backlight suit for various locations.
- Duress card / code setting. When door opened in the emergency, controller will send signal to control center at the same time for tracing and rescue.
- Unique ID or Block reading format supported and programmable key value. (RAC-920PM)
- Support swipe card and card with pin codes enter modes and door relay time from 1~600 seconds.
- Support Anti-Passback function.

Ordering Information

Package Content:

- RAC-920 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
- ACU-30 slave controller

Specifications

Model No.	RAC-920PE	RAC-920PM
Read Format	EM (125 KHz)	Mifare-1 (13.56MHz)
Read Range	8-10 cm (max)	3-5 cm (max)
Slave Reader	T2 (1 Set)	T2 (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 , external ACU-30)	
Cardholders / Events	1,024 / 800	
LED Indicator	Power	
Keypad	13 Key (0-9, *, # , Bell) (Sensitive Touch Keypad)	
Real Time Clock	Yes	
Beep Tone	Buzzer	
ID Setting	DIP switch setting	
Water-proof	IP 65	
Power Input	DC 12V / 1A	
Current Consumption	250mA. (max.)	
Comm. Interface	RS-485	
Comm. Baudrate	19,200 bps-N-8-1	
Operating Temp.	-10° C ~ 70° C / 14° F ~ 158° F	
Relative Humidity	20% ~ 80% (Non-condensing)	
Dimension	120mm(L) x 77mm(W) x 22mm(H)	

System Architecture

