

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.

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

Processor	8 Bit
Memory	32K
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 , external ACU-30)
Cardholders / Events	1,024 / 800
LED Indicator	Power
LCD Display	NONE
Keypad	13 Key (0-9, *, #, Bell) (Sensitive Touch Keypad)
Real Time Clock	Yes
Beep Tone	Buzzer
ID Setting	DIP switch setting
Read Format & Range	125 KHz (EM Compatible) (RAC-920PE) 13.56 MHz (MIFARE® Compatible) (RAC-920PM) EM : 8~10 cm(RAC-920PE) (max.), MIFARE®: 3~5 cmM (RAC-920PM) (max.)
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~ 55°C / 14°F~ 131°F
Relative Humidity	20% ~ 80% (Non-condensing)
Dimension	120mm(L) x 77mm(W) x 22mm(H)
Weight (Device)	140g

System Architecture

