RAC-920PE/PM **Standalone Access Controller**

Features

alarm type.

• 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 • 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 Specifications 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

Sensitive Touch Keypad

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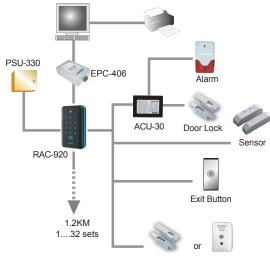
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- · AC-DC Adapter
- PSU-330 Uninterrupted Power Supply
- · ACU-30 slave controller

System Architecture



Door Lock or Bell

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 &	125 KHz (EM Compatible) (RAC-920PE)
Range	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