

RAC-800/900

Full Function Access Controller



RAC-800



RAC-900

Features

- 90% memory full warning.
- Anti pass back for RAC-900.
- Able to connect external slave reader.
- Duress card, duress code, secret duress alarm.
- Memory capacity 4,096 cardholders / 2,048 events.
- Standalone/network operation, expandable to 255 sets.
- Limitation of unsuccessful swipe card attempts for RAC-900.
- Audio tone: standard, independently controllable for RAC-900.
- Dual function for Access Control and Basic Time & Attendance.
- 8 time schedules for RAC-800/900 & 60 holiday schedule for RAC-900.
- RTC (Real Time Clock) ensures accurate time regardless power outages.
- Swipe card, pin code or card + pin code access mode (Door IN), slave reader or exit button (Door OUT).
- Security function to activate or deactivate all or selected sensors .(RAC-900)
- Independent 3 sensor inputs for RAC-800; 8 sensor inputs and 2 relay outputs for RAC-900.
- Able to connect TCP/IP Converter for real time alarm notification to headquarter or to control center.

Ordering Information

Bar Code Type	RAC-800B / RAC-900B
Magnetic Type	RAC-800M / RAC-900M
EM Type	RAC-800PE / RAC-900PE
Mifare Type	RAC-800PM / RAC-900PM
HID Type	RAC-800PH / RAC-900PH

Package Content:

- RAC-800 or RAC-900 x 1
- Quick Start Guide x 1
- Accessory Pack x 1

Optional Accessories:

- PSU-330 Uninterrupted Power Supply
- Converter: EPC-402 、EPC-406
TCP/IP converter: e-P132 、BF-430
- Slave Readers:
T2 / W26 Proximity Reader

Specifications

Processor	8 Bit
Memory	128K
Input ports	3 Sensor (Door Sensor, Exit Button, Case Sensor)
Output ports	2 Relay (Door Lock, Alarm)
Cardholders/Events	4,096 / 2,048 (max)
LED Indicator	Power x 1, Comm. x 1
LCD Display	2 lines messages, 16 characters per line, with back light
Keypad	15 keys 0~9, F1, F2, F3, CE, Enter
Real Time Clock	Yes
Beep Tone	Buzzer
ID Setting	Software
Read Format & Range	ABA-Track2 / Wiegand26 x 1
Bar Code type	Resolution: 0.15mm; Scanning Speed:100~1000mm/sec
Magnetic Type	ISO3554 Standard Track 1 or 2 or 3 Scanning Speed: 3~40ips
Proximity type	RF 125 KHz, Effective range : 8~10cm
Mifare type	RF 13.56 MHz, Effective range : 5cm
HID Type	Wiegand 26
Power Output	DC5V 100mA / DC12V 100mA (max.) for slave reader
Power Input	DC 12V / 1A
Power Consumption	5W (max.)
Comm. Interface	RS-232 / RS-422 / RS-485
Comm. Baud Rate	9600 bps-N-8-1
Operating Temp.	0°C ~ 50 °C / 32 °F ~ 122 °F
Relative Humidity	20% ~ 95% (Non Condensing)
Dimension	153mm(L) x 120mm(W) x 60mm(H)
Weight (Device)	692g