

RAC-2000PV

Two Door Access Control Panel & Image Capture / Query

Features

- Store maximum 15,000 cardholders/events.
- Blacklist to prevent unknown usage of lost card.
- Provide 2 relay outputs for each door's electronic lock and alarm.
- Control panel holder & block terminal ensure easy installation & easy maintenance.
- Anti-passback and 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.
- Door sensor detection time function. The alarm will activate when door unlock over detection time setting.
- Provide RS232/RS485 communication interface to PC. (Able to expandable to 255 sets by RS485 interface)
- Control panel and reader separate design, maximum connects 4 ABA Track 2 readers (2 IN / 2 OUT) or 2 Wiegand readers (Reader IN / Exit button OUT) for two doors.
- Integrate with DVR system for image capture and query upon card swipe, leaving track of events as evidence.
- Provide 128 time zones and schedules, 8 time conditional unlock door schedules, 100 holiday schedules per year. (Able input date through software)
- ESD / Surge protection design to protect devices & enhances communication quality.
- RTC (Real Time Clock) and Watchdog function ensures accurate date/time and system free from halting.
- Support connects extra PSU-330 Uninterrupted power supply, ensure the operation during power outage.
- Provide optical coupled isolated sensors for door sensor, exit button and reader tamper.

Ordering Information

Package Content:

- RAC-2000PV x 1
- Quick Start Guide x 1

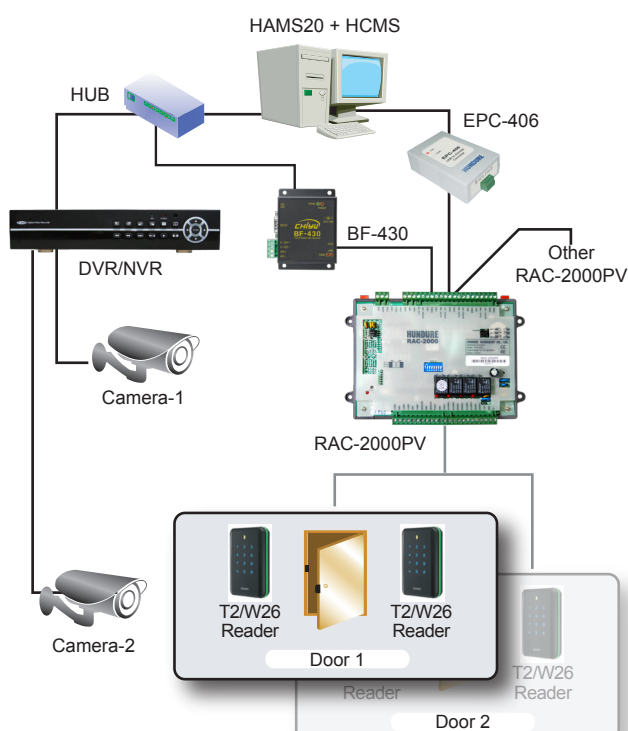
Supported Software:

- HAMS-20 Management System
- HCMS Management System

Optional Accessories:

- EPC-406 USB to RS-422/485 Converter
- BF-430 TCP/IP to RS-485 Converter
- PSU-330 Uninterrupted Power Supply
- T2/W26 Proximity Reader

System Architecture



Specifications

| | |
|---------------------|---|
| Processor | 8 Bit |
| Memory | 256K |
| Input Ports | 8 sensor (Door Sensor x 2 、Exit Button x 2 、Case Sensor x 4) |
| Output Ports | 4 Relay (Door Lock x 2 、Alarm x 2) |
| Cardholders/Events | 15,000 (max.) |
| LED Indicator | Power / Output Status / Comm. |
| Real Time Clock | Yes |
| ID Setting | DIP switch setting |
| Reader Port | ABA-Track2 x 4 / Wiegand26 x 2 |
| Power Input | DC 12V / 1A (excluding slave reader) |
| Current Consumption | 500mA (max. excluding slave reader) |
| Comm. Interface | RS-232 / RS-485 |
| Comm. with Video | RS-485 |
| Comm. Baudrate | 9,600 / 19,200 / 38,400 bps-N-8-1 |
| Operating Temp. | -10°C ~ 55°C / 14°F ~ 131°F |
| Relative Humidity | 20% ~ 80% (Non-condensing) |
| Dimension | 150mm(L) x 210mm(W) x 29mm(H) |
| Weight(Device) | 402g |