

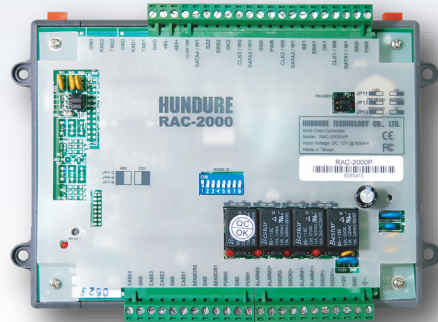
# RAC-2000P

## Two Doors Control Panel



### Features

- Store maximum 15,000 cardholders/events.
- Blacklist to prevent unknown usage of lost card.
- Provide 2 relay outputs for electronic lock and alarm per each door.
- Control panel holder & block terminal ensure easy installation & easy maintenance.
- ESD / Surge protection design to protect devices & enhances communication quality.
- Provide optical coupled isolated sensors for door sensor, exit button and reader tamper.
- Door sensor detection time function. The alarm will activate when door unlock over detection time setting.
- 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.
- Control panel and reader separate design, RAC-2000P connects 4 ABA Track 2 readers (2 IN / 2 OUT) or 2 Wiegand readers ( Reader IN / Exit button OUT) for each door.
- Provide 128 time zones and schedules, 8 time conditional unlock door schedules, 100 holiday schedules per year. (Able input date through software)
- Provide blacklist and 50 sets visitor card with configurable check digits, duration, usage time & frequency.
- Anti-passback and Duress card/code setting. When door opened in the emergency, control panel will send signal to control center at the same time for tracing and rescue.
- Provide RS-232/RS-485 communication interface to PC. (Able to expandable to 255 sets by RS-485 interface)



### Ordering Information

#### Package Content:

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

#### Supported Software:

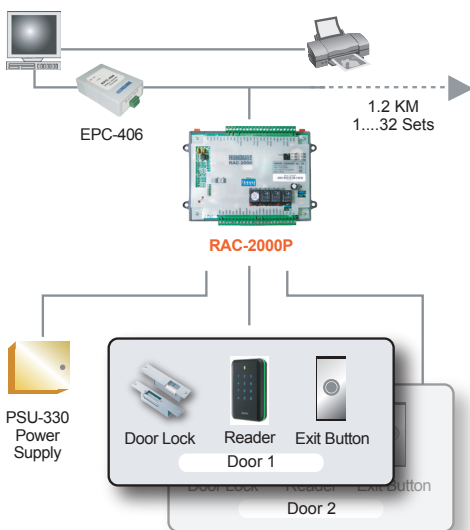
- HAMS-20 Management System

#### Optional Accessories:

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

### 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. Baud Rate	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)	390g



RAC-2000P connects with T2/W26 series readers.