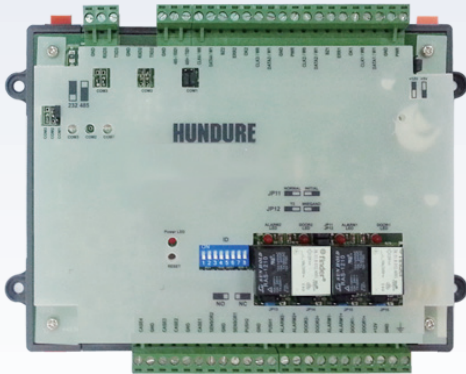


# RAC-2000WS

## Two Doors Control Panel



### Features

- May connect 4 T2/Wiegand or RS-485 readers for door controlled.
- Provide 15,000 cardholders.
- Provide 40,000 transactions.
- Provide 1,000 hardware events.
- Communication with PC by RS-485.
- 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 128 time zones and schedules
- Flexible management, provide 8 time conditional unlock door schedules per door.
- Provide 100 sets holiday schedules to current and next year.
- Three entry modes: card, card with password, input card number.
- Support card number with English alphabet, max. 13 characters.
- Blacklist to prevent unknown usage of lost card.
- Support two-door interlock. When one door is unlocked, the other door automatically locks.
- Anti-Passback function.
- Able remote open or close door by software.
- Support various alarm functions, like door is not closed, forced open door and reader broken.
- Authorizations and swipe card records may save in the panel over 10 years after power off.
- Strengthen electromagnetic compatibility design, it compatibility with Surge test and EFT of EN55024.

### Ordering Information

#### Package Content:

- RAC-2000WS 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
- RS-485 Proximity Reader
- T2/Wiegand Proximity Reader

### Specifications

Input Ports	8 sensors (Door Sensor x 2 · Exit Button x 2 · Case Sensor x 4)
Output Ports	4 Relays (Door Lock x 2 · Alarm x 2)
Cardholders	15,000
Transactions	40,000
Hardware Event	1,000
LED Display	Power / Output Status / Comm.
Real Time Clock	Yes
ID Setting	DIP switch setting
Reader Port	T2 / Wiegand x 4 or RS-485 X 1
Power Input	DC 12V / 1A (excluding slave reader)
Current Consumption	500mA (max. excluding slave reader)
Comm. Interface	RS-485
Comm. Baudrate	19,200 bps-N-8-1
Operating Temp	-40°C ~ 70°C / -40°F ~ 158°F
Relative Humidity	20% ~ 80% (Non-condensing)
Dimension	150mm(L) x 210mm(W) x 29mm(H)

### System Architecture

