

RAC-2000WSN-OSP

OSDP Two Doors Control Panel



Ordering Information

Package Content:

- Controller x 1
- Quick Start Guide x 1

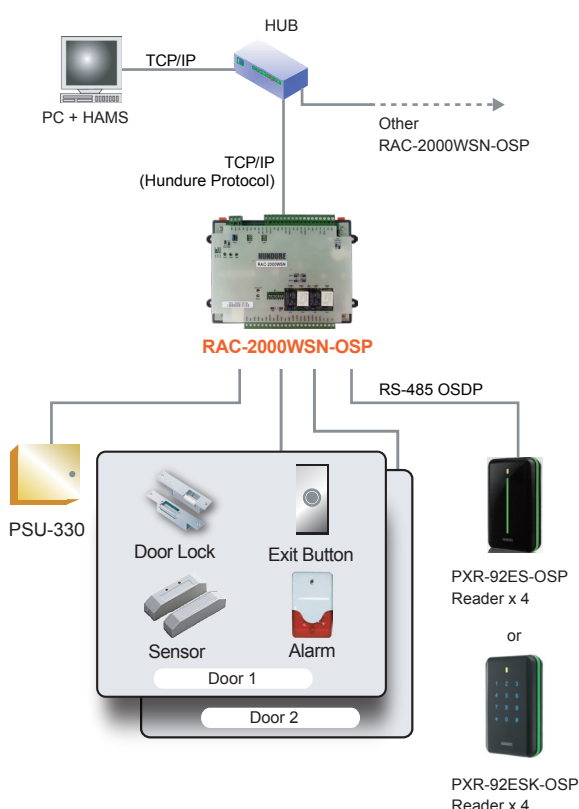
Supported Software:

- HAMS-20 Management System

Optional Accessories:

- PSU-330 Uninterrupted Power Supply
- OSDP Proximity Reader
- T2/Wiegand Proximity Reader

System Architecture



Features

- Separated design for the controller and the reader, ensure when the reader is destroyed by unauthorized person, the controlled area can not be invaded.
- When the controller disconnect to PC, it can work alone and remain normal operation.
- Able to connect 4 x T2/Wiegand readers or 4 x OSDP readers for door controlled.
- Adopt OSDP open protocol; Able to proceed two-way encrypted communication, and support programmable transmission key setting.
- Built-in TCP/IP communication interface for connecting to PC.
- Provide 15,000 cardholders, 40,000 transactions and 1,000 hardware events.
- Support card number with English alphabet, max. 13 characters.
- Provide 128 time zones and schedules.
- Provide holiday schedules to current and next year. 100 sets per year.
- 8 time conditional unlock door schedules per door, provide flexible management.
- Provides unlock door modes by swiping card, swiping card with password, press card number through keypad and press exit button.
- Support multiple alarm functions, like door is not closed, forced open door and reader broken.
- Programmable disarm code.
- 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.
- Blacklist to prevent unknown usage of lost card.
- Anti-Passback function.
- Support two-door interlock. When one door is unlocked, the other door automatically locks.
- Authorizations and swipe card records may save in the panel over 10 years after power off.
- Support RTC function and on-board lithium battery ensures data storage can reach up to 180 days upon power outage.
- Strengthen electromagnetic compatibility design, it compatibility with Surge test and EFT of EN55024.
- Watchdog function secures system free from halting.

Specifications

Model No.	RAC-2000WSN-OSP
No. of door for control	2
Input Ports	8 sensors (Door Sensor x 2, Exit Button x 2, Case Sensor x 4)
Output Port	4 Relays (Door Lock x 2, Alarm x 2)
Cardholders	15,000
Transactions	40,000
Hardware Events	1,000
LED Indicator	Power / Output Status / Comm.
Real Time Clock	Yes
Reader Port	T2 / Wiegand Reader x 4 or OSDP Reader x 4
Comm. Interface	TCP/IP
Comm. Baudrate	10/100 Mbps
Power Input	DC 12V / 1A
Current Consumption	500mA (max. excluding slave reader)
Operating Temp.	-40°C ~ 70°C / -40°F ~ 158°F
Relative Humidity	20% ~ 80% (Non-condensing)
Dimension (mm)	150 (L) x 210 (W) x 29 (H)