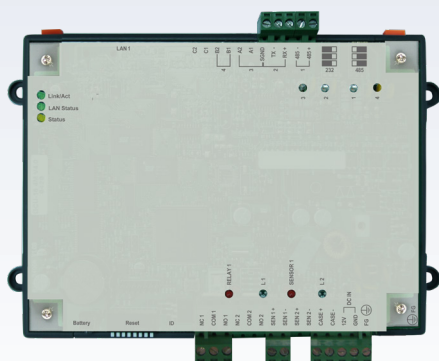# RAC-2400
Multi Door Control Panel

Features

- Provide 1 Relay output for activate alarm.
- There are three models, controls 4 / 8 / 16 doors.
- Provide optical coupled isolated sensors for alarm and reader tamper.
- Control panel holder & block terminal ensure easy installation & easy maintenance.
- ESD / Surge protection design to protect devices & enhance communication quality.
- RTC (Real Time Clock) and Watchdog function ensures accurate date/time and system free from halting.
- Built-in RS-232/RS-485 communication interface to PC.
- Control panel and reader separate design, max. connects 16 RS-485 L-series readers or ACU-100 slave control panels. (for T2/Wiegand reader used). (Able set two-way readers or reader in and exit button out).
- Provide 256 time zones & schedules , each 8 time zones. 64 holiday groups , 100 holiday schedules per groups.
- Support Blacklist , Patrol Card so on , also can set up cards valid date , increase the safety of Access Control.
- 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.

Ordering Information

Package Content:
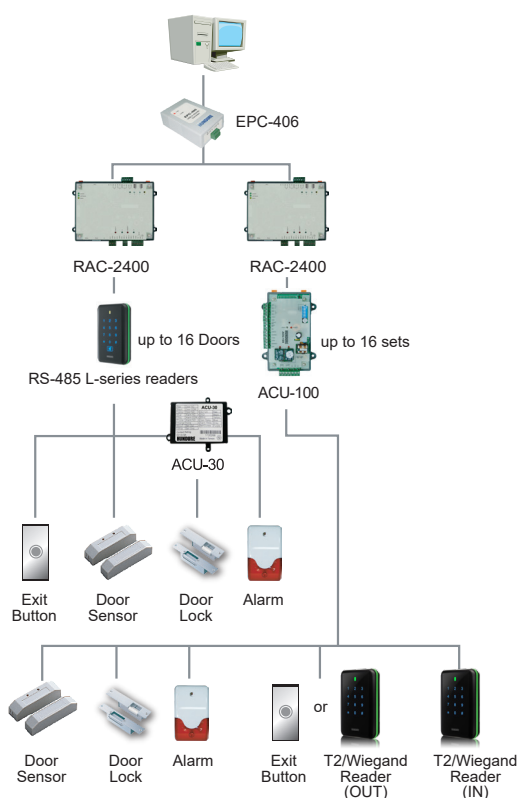- RAC-2400 x 1
- Quick Start Guide x 1

Supported Software:
- HAMS-24 Management System

Optional Accessories:
- EPC-406 USB to RS-422/485 Converter
- RS-485 L-series Reader
- T2/Wiegand Proximity Reader
- ACU-30 Slave Controller
- ACU-100 Slave Control Panel

System Architecture

EPC-406

RAC-2400   RAC-2400

up to 16 Doors   up to 16 sets

RS-485 L-series readers   ACU-100

ACU-30

Exit Button   Door Sensor   Door Lock   Alarm

Door Sensor   Door Lock   Alarm   Exit Button   or   T2/Wiegand Reader (OUT)   T2/Wiegand Reader (IN)

Specifications

Model No	RAC-2400
Memory Capacity	4MB
Input ports	2 sensors (Input Sensor x 1、Case Sensor x 1)
Output ports	1 Relay（Alarm x 1)
Cardholders	30,000
Events	80,000
LED Indicator	Power / Status / Comm.
Real Time Clock	Yes
ID Setting	DIP switch setting
Reader port	RS-485
Power Input	DC 12V / 1A (Excluding Reader)
Current Consumption	500mA (max. Excluding Reader)
Comm. Interface	RS-232 / RS-485
Comm. Baudrate	19,200 bps-N-8-1
Operating Temp.	-10°C~ 55°C / 14°F~ 131°F
Relative Humidity	20% ~ 80% (Non-condensing)
Dimension	150mm(L) x 212mm(W) x 29mm(H)
Weight (Device)	298g

* Product design and specifications are subject to change without prior notice.