RAC-510 / 511 PE
Standalone Access Controller

CARD

Access Control   Keypad

Features

- Supports standalone operation
- Memory capacity 1,024 cardholders / 800 events.
- Provides RS-485 communication interface for management through PC (RAC-510PE)
- Provides unlock door modes by card or card + PIN; programmable unlock door duration.
- Casing tamper proof detection and door ajar alarm. Programmable door sensor detection time
- Duress card/code setting. When door opened in the emergency, controller will send a signal to control center at the same time for tracing and rescue.
- Watchdog function secures system free from halting.
- Working with slave reader to have Anti-Passback function

Ordering Information

Package Content:
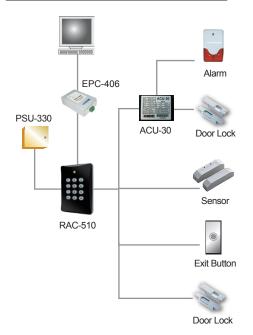- RAC-510 or 511 x 1
- Quick Start Guide x 1
- Accessory Pack x 1

Supported Software:
- HAMS Management System

Optional Accessories:
- EPC-406 USB to RS-422/485 Converter
- AC-DC Adapter
- PSU-330 Uninterrupted Power Supply
- ACU-30 slave controller

Specifications

Model No.	RAC-510PE	RAC-511PE
Read Format	EM (125 KHz)	
Read Range	6~8 cm	
Slave Reader	T2 / Wiegand	
Input Ports	3 Sensors (Door Sensor x 1、Exit Button x 1、Case Sensor x 1)	
Output Ports(Built-in)	Relay x 1 (Door Lock)	
Output Ports(External)	O.C. Output x 2 (Door Lock / Alarm，external ACU-30)	
Cardholders / Events	1,024 / 800	
LED Indicator	Comm.	
Keypad	12 Keys (0-9, *, #)	
Real Time Clock	YES	None
Beep Tone	Buzzer	
Comm. Interface	RS-485	None
Comm. Baudrate	19,200 bps-N-8-1	None
ID Setting	DIP switch	None
Power Input	DC 12V / 1A	
Current Consumption	250mA. (max.)	
Operating Temp.	-40° C ~ 70° C / -40° F ~ 158° F	
Relative Humidity	20% ~ 80% (Non-condensing)	
Dimensions	112mm(L) x 77mm(W) x 21mm(H)	
Weight (Device)	120g	

System Architecture

EPC-406

PSU-330

ACU-30

RAC-510

Alarm

Door Lock

Sensor

Exit Button

Door Lock