RAC-971QE/QM
Standalone Access Controller

Features

- Supports NFC. Installing Hundure App on NFC-enabled mobile phone; Enabling NFC function and placing mobile phone near to controller for door unlock. (RAC-971QM)
- Supports QR Code scanning function to replace RFID cards sensing
- Supports to scan a QR Code from your smart phone or paper.
- Support dynamic QR Code. It is a one-time QR Code with a built-in expiration date mark. Unable to be used after the expiration date (Need to work with App).
- The QR Code has an encrypted code to avoid the leakage of the plain code card number.
- Bell key function design. Able to connect the external door bell.
- The memory of the standard model is 40,000 cardholders (max) and 100,000 events.
- Casing tamper proof detection and door tampers alarm.
- Equipped with 2.4"color LCD；Slim, stylish design with sensitive touch keypad with blue backlight.
- The standby color screen displays the date and time in large fonts (HH:MM).
- Provides graphic menu; Icons for hardware setting and device information.
- Unique ID or Block read format supported. (RAC-971QM)
- Provide 128 time zones and time schedules, 8 time conditional unlock door schedules. (per week)
- Supports anti-passback to every single door.
- Built-in RS-485 and TCP / IP communication interface to PC.
- Display name on the LCD screen after swiped card. Function keys of access control and shifts which are convenient to personnel to generate time attendance reports.
- Provides memory buffer full warning.
- Blacklist and Duress card/code setting.
- Programmable disarm code and able set maximum attempts to trigger re-swipe card alarm.
- Provide 32 working shifts and 32 siren output. LCD will display current shift and activate alarm. Provide 100 holiday schedules per year.
- On-board lithium battery ensures data storage can reach up to 1 year upon power outage.
- Conforms to ISO 14443A standard; supporting Mifare card. (RAC-971QM)

Access Control | Bell | Touch Keypad | NFC (Android) | QR Code

For Android | For iOS
Please scan QR Code to download mCard App

Ordering Information

Package Content:
- Controller x 1
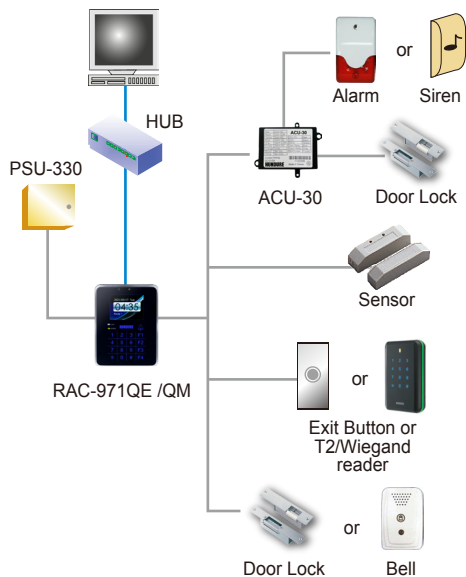- Quick Start Guide x 1
- Accessory Pack x 1

Supported Software:
- HAMS Management System

Optional Accessories:
- AC-DC Adapter
- PSU-330 Uninterrupted Power Supply
- T2/Wiegand Proximity Reader
- ACU-30 slave controller

System Architecture

HUB
PSU-330
ACU-30
Door Lock
Sensor
RAC-971QE /QM
Exit Button or T2/Wiegand reader
Alarm or Siren
Door Lock or Bell

Specifications

Model No.	RAC-971QE	RAC-971QM
Read Format	EM (125 KHz)	Mifare (13.56 MHz) NFC (Android 5.0+ NFC phone) – need to work with App
Card Read Range	6~8 cm	3~5 cm
NFC Read Range	-	1~3 cm (Depend on Mobile Phone Type)
QR Code Scan	Auto scan : Get close to scan automatically Supports to scan a QR Code from your smart phone or paper Scan Distance : 5cm above	
Slave Reader	T2 / Wiegand (1 Set)	
Input Ports	3 Sensors (Door Sensor x 1, Exit Button x 1, Case Sensor x 1)	
Output Ports	Relay x 1：O.C. Output x 2 (Door Lock / Alarm or Siren, external ACU-30)	
Cardholders	40,000	
Events	100,000	
LED Indicator	Power / Comm. / Status	
LCD Display	2.4" Color LCD (240×320)	
Keypad	17 Keys (F1-F4, 0-9, ＊, ＃, Bell) (Sensitive Touch Keypad)	
Real Time Clock	Yes	
Beep Tone	Buzzer	
ID or IP Setting	Command setting by keypad	
Comm. Interface	RS-485 / TCP/IP	
Comm. Baudrate	RS-485：9,600/19,200 bps-N-8-1；TCP/IP：10/100M	
Memory Battery	3V Lithium Battery (Replaceable)	
Power Input	DC 12V / 500mA	
Operating Temp.	-10˚C~ 70˚C / 14˚F~ 158˚F	
Relative Humidity	20% ~ 80% (Non-condensing)	
Dimension (mm)	130 (L) x 100 (W) x 27 (H)	

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