

RAC-971PME

Dual Frequency Standalone Access Controller



For Android

Please scan QR Code to download mCard App

Features

- Built-in both Mifare (13.56M Hz) and EM (125K Hz) reader modules for more flexible application.
- Support Android NFC mobile access. NFC sensing requires an NFC-capable smartphone and APP. Tap or hold the phone close to the reader to scan and unlock the door.
- Equipped with 2.4" color LCD : Slim, stylish design with sensitive touch keypad with blue backlight.
- Conforms to ISO 14443A standard.
- Unique ID or Block read format supported.
- Support 40,000 cardholders and 100,000 events.
- Support swipe card and swipe card with pin codes enter modes.
- Provide 128 time zones and time schedules, 8 time conditional unlock door schedules. (per week)
- Provide 32 working shifts and 32 siren output. LCD will display current shift and activate alarm (Work with ACU-30). Provide 100 holiday schedules per year.
- 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.
- Support standalone operation with local controller setup, requiring no PC connection.
- Casing tamper proof detection and door tamper alarm.
- Support anti-passback to every single door.
- Blacklist and Duress card/code setting.
- Provide memory buffer full warning.
- Support programmable disarm code and allow setting maximum attempts to trigger re-swipe card alarm.
- Support IP65 rated ingress protection.
- Built-in RS-485 & TCP / IP communication interface to PC.
- Bell key design. Suit for various location.
- On-board lithium battery ensures data storage can reach up to 1 year upon power outage.

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

Specifications

Model No.	RAC-971PME
Read Format	EM (125 KHz) Mifare (13.56 MHz) NFC (Android 5.0+ NFC phone) – need to work with App
Card Read Range	EM: 8cm above; Mifare: 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.
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 & Operating steps sound
ID or IP Setting	Command setting by keypad
Ingress Protection	IP65
Power Input	DC 12V / 500mA
Current Consumption	500mA (max.)
Comm. Interface	RS-485 / TCP/IP
Comm. Baudrate	RS-485 : 9,600/19,200 bps-N-8-1 ; TCP/IP : 10/100M
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)

System Architecture

