

Building Life

RD1227 13.56MHz Mifare Reader

● Overview

The RD1227 contact less smart card reader is based on the "Mifare" technology, and designed to be in compliant with ISO 7816 based smart cards.

It specifically designed as a high memory capacity and multiple connected access control system.

This reader is module design, reader separated from controller , higher safety, support standalone(OEM) or interfaced to controller 、 PC directly.



● Characteristics :

- Double CPU.
- 4M SRAM, storage 18,000 transaction records, and 18,000 cardholder capacities.
- Read response time:0.3 second.
- 3 LED indicator and BUZZER.
- 4 lines 128x64 LCD display with backlight.
- With 16 keypad (0-9,ESC,FUNC.MODE.ENT,▽.△).
- Internal tamper switch sensing protection.
- Hardware watch-dog function.
- Force entry alarm.
- Commercial Interface: RS485.
- Commercial Baud Rate:19200 BPS.
- Commercial Format: N81.
- Audible key tone for easy operate.
- Power save function, LCD back light auto turn off after used 5 seconds
- When more than 90% memory be used, a warning message will auto shown.



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● Functions :

- Access Mode selectable: card only , card and password, only pass word.
- Personal password function.
- Support Anti-Pass Back function.
- 60 holiday schedules.
- 10 sets TIME GROUP (0~9), 4- TIME GROUP for per day.
- Arm or disarm connected security system.
- Guard tour function available.
- Strike, alarm relay drive time (1-255 seconds) selectable
- Door left open time (0-255 seconds) selectable

● Application

- Time attendance clocking.
- Door access control.
- Intrusion alarm panel.
- Guard tour control.
- Restaurant and pre-pay systems management.

SPECIFICATIONS

Working Voltage : DC10-12Volts

Operating Temperature : 0°C ~ 50°C

Power Consumption : 300mA Max @12VDC

Operating Humidity : 5% ~90% non condensing

Operate frequency : 13.56MHz

Dimensions : 148(H) x 108(W) x 34(D)mm

Read range : over 3 cm (depend on card)

Weight : 390g



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