

PXR-82MFSL

Mifare Fingerprint Reader



Features

- Supports 950 users with 2 fingerprint templates each user (total 1,900 fingerprint templates).
- The advanced model supports 4,750 users with 2 fingerprint templates each user (total 9,500 fingerprint templates).
- Built-in two communication interfaces. The fingerprint templates can be uploaded / downloaded through TCP/IP interface to increase the work efficiency
- Quick and accurate fingerprint verification, supports 1:1 / 1:N identification.
- Reliable and quick response.
- Easy installation and suits for various location.
- Casing tamper proof detection.
- ESD / Surge protection design to protect devices & enhance communication quality.
- The error checking design to ensure correct data being transmitted.
- Watchdog function ensures system free from halting.
- Provides auto learning function to automatically remember 470 valid card numbers for work independently if the reader is disconnected from the controller.
- Unique ID or Block read format supported.
- Conforms to ISO 14443A standard, supporting Mifare® card.

Ordering Information

Package Content:

- PXR-82 x 1
- Plate x 1
- Quick Start Guide x 1
- Accessory Pack x 1

Model No. Identification

P X R - 8 2 M F S L

- L: Auto-Learning
- S: RS-485
- F: Fingerprint
- M: MIFARE®
- Device Type
- Product Category

Optional Item:

- Fingerprint Enrollment Module (FM-800)

Specifications

Model No.	PXR-82 MFSL
Read Format	Mifare (13.56MHz)
Read Range	3-5 cm
Comm. Interface	RS-485(L-type), TCP/IP (Fingerprint Download)
Comm. Baudrate	19,200 bps-N-8-1, 10/100 Mbps
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), O.C. Output x 2 (Door Lock / Alarm , by external ACU-30)
Fingerprint Capacity	950 user capacity. (2 fingerprint templates per person)
Identification Mode	1 : 1 / 1 : N
Identification Time	1 : 1 <= 1 sec. 1 : 1,000 <= 1 sec.
FAR	<=0.001%
FRR	<=0.01%
Fingerprint Sensor	Optical CMOS Sensor
LED Indicator	Power / Comm
Beep Tone	Buzzer & Voice prompts
ID Setting	Through TCP/IP
Power Input	DC 12V / 1A
Current Consumption	800 mA (max.)
Operating Temp.	-10° C ~ 60° C / 14° F ~ 140° F
Relative Humidity	20% ~ 80% (Non-condensing)
Dimensions	135mm(L) x 75mm(W) x 41mm(H)
Weight (Device)	190g

System Architecture

