PXR-82
EM Fingerprint Reader

Power   Status

CARD

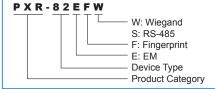HUNDURE

Fingerprint   Proximity

Features

- Supports 125 KHz-EM card
- 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.

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 E F W

- W: Wiegand
- S: RS-485
- F: Fingerprint
- E: EM
- Device Type
- Product Category

Optional Item:
- Fingerprint Enrollment Module (FM-800)

Specifications

Model No.	PXR-82 EFW	PXR-82 EFS
Read Format	EM (125KHz)	
Read Range	5 cm Above	
Comm. Interface	Wiegand, TCP/IP (Fingerprint Download)	RS-485, TCP/IP (Fingerprint Download)
Comm. Baudrate	N/A, 10/100 Mbps	19,200 bps-N-8-1, 10/100 Mbps
Input Ports	1 Sensor (Case Sensor x 1)	
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

HUB

RAC-4600N

RAC-960 PEF

WIEGAND
RS-485
TCP/IP

TCP/IP

ACU-30   (Option)

Alarm   Door Lock   Eixt button   Door Sensor

PXR-82EFW OR
PXR-82EFS

PXR-82EFW   Eixt button   Door Sensor

Door Lock
or

Bell

Door Lock   Alarm   or   Siren

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