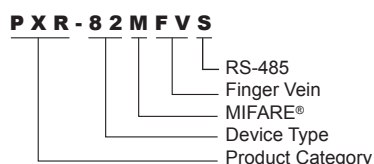# PXR-82MFVS
Finger Vein Reader

Features

- Adopts the unique finger vein pattern to have the high security verification. Forgery is extremely difficult.
- Uses the near infrared rays to capture the live-body finger vein pattern inside the body. The verification won't be influenced even though the user has scratched ,dry or cracked skin. Have a extremely high secure and stable identification
- Dual Finger Vein and Mifare card verification, with 1:1 authentications.
- Quick and accurate finger vein verification, supports 1:1 authentication & 1:N identification.
- Conforms to ISO 14443-A, support MIFARE/CPU card.
- Unique ID or Block read format supported and programmable key value.
- Supports to download the finger vein pattern by TCP/IP interface.
- With stylish design, easily installation, suits for various sites.
- With casing tampers proof detection, an alarm will be sent when reader being damaged.
- With protected design of discharging static electricity to ensure that transmission won't be disturbed.
- With error data self-verification function to ensure transmitted data being correct.
- With self-detection and watchdog function to secure system free from halting.

Finger Vein   Proximity

Ordering Information

Package Content:
- RAC-852MFVS x 1
- Quick Start Guide x 1
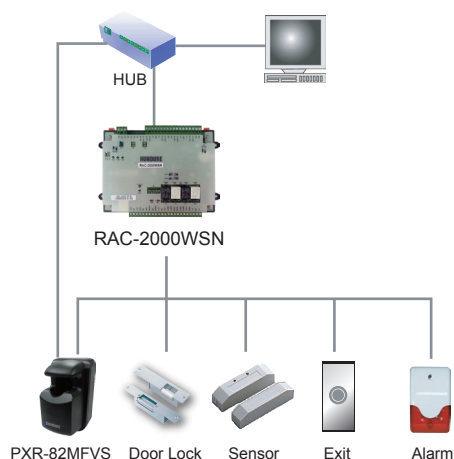- Accessory Pack x 1
- Plate x 1

Model No. Identification

P X R - 8 2 M F V S
- RS-485
- Finger Vein
- MIFARE®
- Device Type
- Product Category

System Architecture

HUB

RAC-2000WSN

PXR-82MFVS   Door Lock   Sensor   Exit   Alarm

*Take the structure of RAC-2000PSN access control for example.

Specifications

Read Format	Mifare -1 (13.56MHz)
Read Range	3-5 cm
Finger Vein Capacity	6000 users capacity (two finger vein pattern per person)
Input Port	Case sensor x 1 (tamper-proof)
Identification Mode	1:1 / 1:N
Identification Time	1:1 <= 1sec ; 1:100 <= 2sec
FAR	<=0.0000067% (1 / 15 million) * Note 1
FRR	<=0.01% (1 / 10,000) * Note 1
LED Indicator	Power / Status
Beep Tone	Buzzer x 1 and alarm x 1
ID Setting	Setting by TCP/IP
Power Input	DC12V / 1.5A
Current Consumption	1.5 A (max.)
Comm. Interface	RS-485 / TCP/IP
Comm. Baudrate	19200bps-N-8-1 / TCP/IP: 10/100M
Operating Temp.	-20°C~ 50°C / -4°F~ 122°F
Relative Humidity	20% ~ 80% (Non-condensing)
Dimension	137mm(L)x 75mm(W)x 91mm(H)

* Note 1: The highest security level, support 1: 1 authentication