ID MP30
Multi-modal Palm Vein Recognition

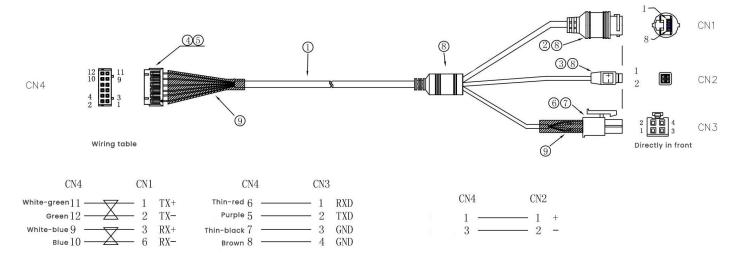**Palm print Palm veins Android/Windows/Linux**

The multi-modal palm print and palm vein recognition terminal uses advanced biometric technology and combines palm print and palm vein characteristics to provide efficient, accurate and secure identity authentication. It not only has a high degree of reliability, but also can adapt to various environments and usage scenarios, bringing users a convenient and secure authentication experience.

- **Multi-modal recognition:** Combining palm print and palm vein features to improve recognition accuracy and reduce misrecognition rate.

- **High security:** Use non-contact identification technology to effectively avoid security risks such as counterfeiting and copying.

- **Quick response:** The identification process only takes a few seconds, greatly improving the efficiency of authentication.

- **Portable and easy to use:** lightweight and portable, easy for users to carry and use.

- **Strong adaptability:** suitable for various environments and usage scenarios to meet different needs.

Grayscale	8 bit 256 level	Comparison Mode	Comparison mode 1:1,1:N
OS	Support Android, Linux and Windows operating systems	Applicable Angle	360°all round recognition,Horizontal rotation ±20°,Forward and backward kit ±20°
Image Size	1920*1080	Accuracy	FAR≤0.0001%, FRR≤0.01 %
Distortion Rate	< 3%	Recognition Time	< 0.3 s
Interface	RS232, TCP/IP	Collection Distance	7cm~ 15 cm
Working Environment	Temperature: -15□~ 55□, Humidity: 20% ~ 80% (no condensation)	Tempered Glass	Surface hardness: 6H, transmittance:
Operating Voltage	12V	Dimensions	85± 5% 77*100*31mm

CN4

Wiring table

CN1

CN2

CN3

Directly in front

CN4		CN1	
White-green 11		1	TX+
Green 12		2	TX-
White-blue 9		3	RX+
Blue 10		6	RX-

CN4		CN3	
Thin-red 6		1	RXD
Purple 5		2	TXD
Thin-black 7		3	GND
Brown 8		4	GND

CN4		CN2	
1		1	+
3		2	−