Palm Pro - Visible Light Indoor Facial & Palm Recognition

PLF-5K-VLP

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DATASHEET

Palm Pro - Visible Light Indoor Facial & Palm Recognition PLF-5K-VLP

- Biometric access control terminal
- Dual-core 1.2GHz CPU with stable Linux operating system
- Equipped with 4.3-inch IPS LCD display for clear operation
- Features a dual (binocular) 1MP camera for accurate face and live detection
- Memory configuration includes 256MB RAM and 512MB ROM
- Supports identification through face, palm vein, fingerprint, card, and password
- User capacity of 5,000 users
- Supports 5,000 face templates
- Fingerprint capacity of 10,000 templates
- Palm vein capacity supports 1,000 users
- Stores up to 5,000 cards and passwords
- Large transaction storage with 200,000 logs
- Live detection technology to prevent photo or video spoofing
- Fast recognition speed of ≤0.3 seconds (1:N) for seamless access flow
- Effective recognition distance ranging from 0.5 to 2 meters
- Designed for indoor use, operating reliably between 0°C to 45°C
- Supports communication modes including TCP/IP, WiFi, and U-disk
- Built-in WiFi and support for LAN-based device deployment
- Supports Wiegand input/output and serial port
- Supports USB host/slave, and external card readers
- Advanced dynamic face detection and tracking algorithm
- Supports interface docking, customization, screen

Specifications:

Hardware	CPU	Dual-Core 1.2GHZ
	Operating system	LINUX
	LCD display	4.3" IPS 480*272
	Camera	Binocular camera (Dual) 1 Megapixel
	RAM	256MB
	ROM	512MB
Capacity	User	5,000
	Face	5,000
	Fingerprint	10,000
	Palm	1,000
	Password	5,000
	Cards	5,000
	Logs	200,000
Operating	Power supply	DC12V / 1A
	Identification Method	Face / Palm Vein / Fingerprint / Card / PWD
	Feature	Live detection
	Recognition Time	≤ 0.3 second [1:N]
	Recognition distance	0.5 ～ 2M
	Operating temperature	0℃ ~ 45℃
	Working humidity	20% ~ 90%RH
	Use environment	Indoor
Communication	Communication mode	U disk, TCP/IP, WiFi
	Access Control Output	USB host, USB slave, ID card module, WiFi, Wiegand in & out