

Contactless Palm Vein Handheld Tablet

FP08PV



FP08PV is a multimodal handheld biometric terminal with palm vein recognition, NFC, and smart card reading. Optional face, iris, and MRZ/barcode modules enable secure identity enrollment and verification.



Powered by Android 13, with optional 4GB + 64GB or 6GB + 128GB memory, FP08PV is designed for banking, telecom, education, healthcare, and field applications.



HF-FP08PV

Product Features



Multi-modal
Identity



Android 13 Open
Platform



10000mAh
Long-lasting



Contactless Palm
Vein Recognition



8MP+13MP
HD Camera



Free SDK
& API

Why Choose Us

☑ 10000mAh High-Capacity Battery

• All-day Operation • Mobile Deployment • Long-lasting Power

☑ Rugged Protection

• Rugged Design • Lower Maintenance • Longer Service Life

☑Optional Multiple Biometric Authentication Modes

• One Device Solution • Lower Hardware Cost • Simplified Workflow

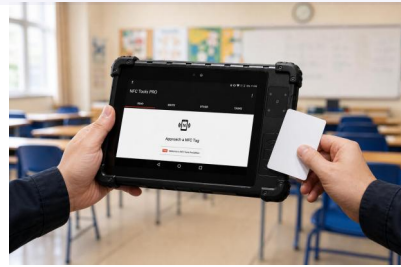
☑4G / WiFi / Bluetooth Connectivity

• Multiple Connectivity • Stable Communication • Real-time Data Transfer

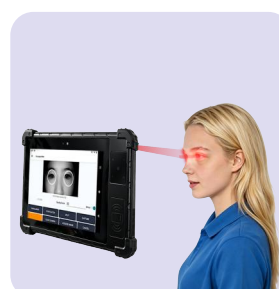
☑Large 8-inch IPS Display

• Large Touchscreen • Clear Display • Easy OperationS Display

● Use Cases



● Function Overview



Palm Vein

Card

Face (Optional)

Iris (Optional)

QR | MRZ (Optional)

Hardware

OS	Android 13
RAM	4GB Optional 6GB
ROM	64GB Optional 128GB
Dimension	25.8cm*16.2cm*2.8cm
Camera	8MP+13MP

Battery	10000mAh
NFC	Support ,optional high frequency card
LCD	Display 8" , 1280*800, IPS
Speaker	Support
SIM Card	4G, SIM *2
TF	256G
Earphones	Support
DC	2.5mm DC jack slot
MIC	Support

Plam Vein

Palm Vein Mode	Dual-mode operation
Recognition Time	≤450ms
Plam Vein Working Distance	7-15cm
Palm-Scanning Angle	Pitch angle ≤ 30°, Roll angle ≤ 30°, Yaw angle ≤ 360°
Comparison Mode	1v1, 1vN
Lighting Optimization	Custom interactive lighting system
Field of View (FOV)	Large FOV
Image Processing	IR image alignment
Exposure Control	Built-in Palm AE
Lighting System	Polarization lighting system

Communication

Data-link	2G,3G,4G
Wi-Fi	Support, 2.4G,5G
Interface	Typc C
Bluetooth	Bluetooth5.0

Optional

OCR

Iris Recognition

Face Recognition

MRZ

●Product Size



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