

HF-FP530

Android Biometric Identity verification Terminal



Fingerprint |
1D/2D barcode
RFID card



HF-FP530 Biometric Android Terminal

HF-FP530 is an Android hand-held fingerprint recognition device with a 5" HD touch screen, 8MP rear camera, support for 3G/4G/WiFi/and Bluetooth communication, and a high capacity 5000mAh battery that can last over 8 hours at full power. HF-FP530 also provides an SDK and drivers for application development in Java and C# programming languages. HF-FP530 is suitable for military government fingerprint collection, personal fingerprint real name registration, and fingerprint encryption.

Specification

Dimensions	191mm*80mm*21.3mm
Weight	415g (including battery)
Display	5"LCD Capacitive Screen, multi-touch; Resolution: 1280*720
Camera	13MP Rear-Facing; 5MP Front-Facing
Battery	3.8V/5000mAh lithium battery;
Power	
Supply	Output DC 5V;
Operating Temperature	-15°C ~ +40°C
Storage Temperature	-45°C ~ +55°C
Operating Humidity	35% < RH < 95% (Non-condensing)
Anti-fall	1.6M anti-fall

Hardware

Operating System	Android 12.0
CPU	4XCortex-A53 up to 2.0Ghz
RAM	2GB/4GB Optional
ROM	32GB/64GB Optional

Communication

Communication	3G, 4G, WCDMA/TD-LTE/FDD LTE with a SIM slot
Bluetooth	Bluetooth 4.0
Wi-Fi	2.4GHz / 5.0GHz
GPS	GLONASS and GPS Communication

Interface & Card Slots

USB Type-C	1*USB Type-C
USB Type-A	1*USB Type-A (OTG)
SIM Card Slots	1*TF Card; 1*SIM card+2*PSAM Card; or 2*SIM Card+1*PSAM Card

Audio Interface	3.5mm audio jack
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Other

Optional accessories	Drop-proof silicone sleeve
Accessories	Packaging box. Charger. DC charging line(Type-c)
SDK,Drivers	The SDK and drivers should support application development in both Java and C# programming languages

Fingerprint

Fingerprint Optical	Optical FAP30
Standard	ISO 19794-4, ANSI 381

Image Resolution	508 DPI
Image Size(W x H pixel)	400 x 500 pixel
Grey Scale	8bit, 256 level
Image Format	WSQ,JPEG2000,RAW,BMP
Compression Ratio	Up to 15:1
Quality Score	NFIQ v1.0
Live Finger Detection	Yes
Enrollment Time	≤0.5s(collect one image and upload)
Template formats	FBI certification



- ① 1D/2D barcode scanner
- ② Optical fingerprint sen
- ③ Front camera
- ④ 5" touch screen
- ⑤ USB type-C/USB type-A/3.5mm audio jack
- ⑥ Power button/Volume +/Volume -
- ⑦ Rear camera/LED
- ⑧ RFID card reader

5000mAh Lithium Battery

With a full charge, the device can run for more than 8 hours



5000mAh



Barcode Scan

Support 1D/2D barcode scan



RFID Card Reader

Support ISO/ IEC14443 Type A & Type B, Mifare, Felica Card;



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