

BM5500

Fingerprint Smart Terminal

Handheld Mobile Fingerprint Authentication Device



Fingerprint Authentication

High ability for wet/ dry/ rough fingers, with verification speed within 1s, accuracy rate is up to 99.99%



Android

Android 4.4, customizable for various applications



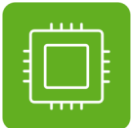
Wireless Communication

With 2G/3G, Wi-Fi and Bluetooth, data transfer is as easy as 1-2-3



HD Camera

Equipped with 5 MP camera. Facilitate facial image capture and video record



SDK

Comprehensive Android Software Development Kit is available for integration and development.



Standard

International standards support for ISO19794-2, ISO19794-4, ANSI 378 ANSI 381 and WSQ, FBI PIV and STQC certification



Integration

All in one design can meet industrial standards for various usages



Customization

Customization is possible for specific demands and usage

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Physical Parameter

Operating system	Android 4.4
Processor	Dual-core 1.3GHz
Memory	1G RAM + 8G ROM
Display	5 inch capacitive multi-touch
Resolution	480*854 pixel
Camera	5 MP (rear) with barcode scanning
USB	USB2.0 (OTG) and Micro USB
Expansion card support	TF card, Up to 64G
Power	4000mAh removable battery
Weight	380g
Dimension	185*82*24mm (L*W*H)

Biometrics

Fingerprint Capture	Capacitive Press	Optical Press
Platen Size	10.64mm*14mm	14mm*20mm
Sensing Area	256*288 pixel	256*360 pixel
Image Resolution	500 dpi	
Grayscale	8bit, 256 level	
Matching Mode	1:1/1:N	

Wireless Communications

WIFI	802.11 b/g/n
3G	WCDMA 850/2100 MHz
GPS	Supported
Bluetooth	4.0

Contactless card reader

RFID Optional	ISO14443A/B, Mifare pro/plus/desfire
NFC Optional	ISO14443A/B, Mifare 1K/4K/desfire

Others

Printer Optional	Support Bluetooth printer only
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