

# 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



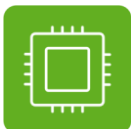
### Wireless Communication

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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