

BM5510 Handheld Verification Device



Fingerprint



NFC



Connectivity



Long Life Battery

Multi-connected. Heavy-duty. Highly-Interoperable. The ARATEK BM5510 Handheld Verification Device is the top biometrics solution option for law enforcement, voter verification, National ID, and other applications needing multi-connectivity and mobility. The device features 2G, 3G, Wifi, NFC, and Bluetooth connectivity, giving unmatched options for fast data transfer. The ARATEK BM5510 features BIONE, ARATEK's patented algorithm that drives the device's optical scanner and HD camera to work in sync, providing flawless performance even in the most demanding conditions.



Strong Fingerprint Authentication

Durable optical scanner, fully compliant with FAP20, ISO19794-2, ANSI-378, WSQ standard



Open Operating System

Android 5.1 operating system, customizable for various applications



Ultra-long Life Battery

4000mAh/10000mAh battery capacity for your choice, fully meet the requirement of outdoor mobile identification



HD Camera

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



GPS

Accurately locate the position of the device, auto record, show and playback the travelled route



Wireless Communication

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



NFC

Contactless card reading



Dual SIM Slot

Dual micro-SIM slot

Applications

- **National ID**
Identity verification with high accuracy
- **Public security**
Patrol system, ID card & driver license verification
- **SIM registration**
ID check for SIM card activation
- **Voter verification**
Ultra-secure voter identity check
- **Mobile Attendance**
Optimize your attendance systems for remote area
- **Financial service**
Financial inclusions, government benefit deliveries, pension distributions

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Physical Parameter

Operating System	Android 5.1
Processor	Quad-core 1.3GHz
Memory	1G RAM + 8G ROM
Display	5 Inch Capacitive
Resolution	480*854 pixel
Camera	Auto-focusing 5 MP (rear)
USB	USB2.0*1, Micro USB (OTG) *1
SIM Card	Micro SIM Card *2
Expansion Card	TF card, Up to 64G
Power	4000 mAh removable (option: 10000 mAh)
Weight	390g
Dimension	201*82*46mm (L*W*H)

Biometrics

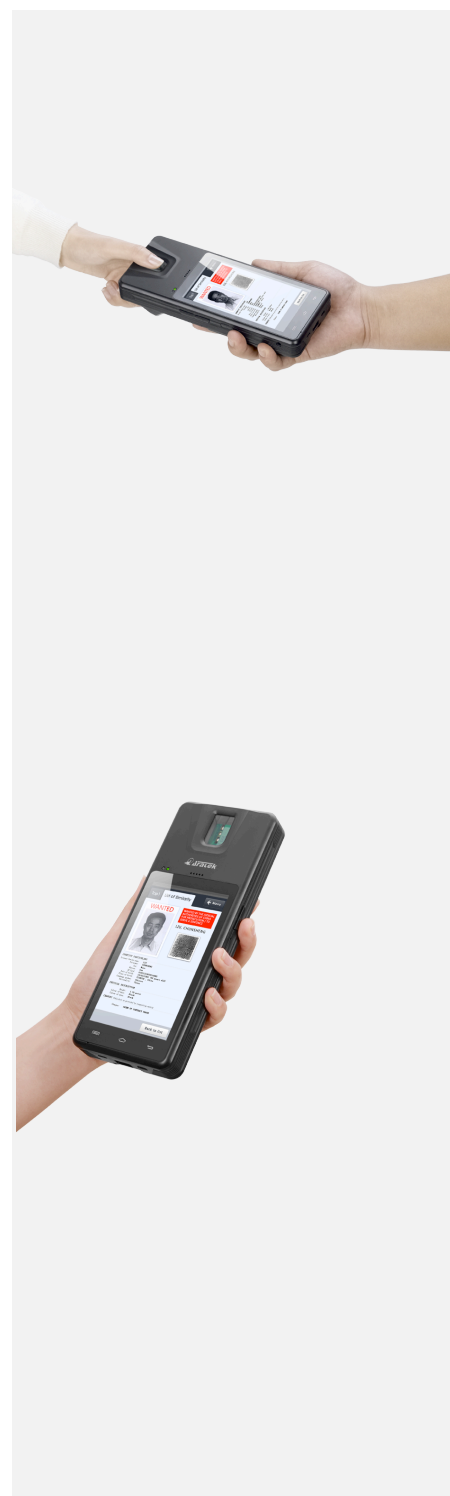
Fingerprint Capture	Optical Press
Platen Size	16.8*25.2 mm
Sensing Area	16*24 mm
Image Size	320*480 pixel
Image Resolution	500 dpi
Gray Scale	256 level

Wireless Communications

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

Credential Reading

NFC	ISO 14443A/B
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Aratek Biometrics Technology Co., Ltd

2F, T2-A, Shenzhen software park, Shenzhen, China

Tel: +86 400-6030-161

Fax: +86 755-26719930

E-mail: sales@aratek.co

Web: www.aratek.co

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