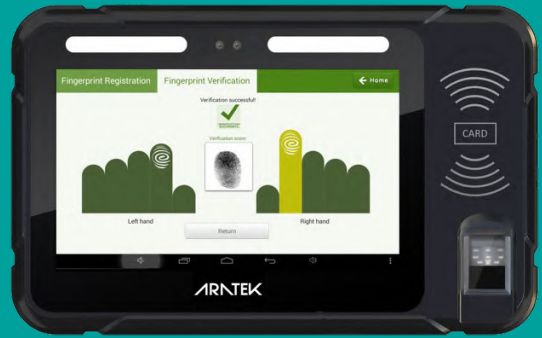


## BM7550 Biometric Mobile Terminal



-   
Fingerprint
-   
Face
-   
NFC
- 3G**  
Connectivity
-   
Multi-Interface

Integrated, Durable, Reliable. The ARTEK BM7550 is a powerful multi-factor biometric tablet terminal, which integrates fingerprint authentication and face recognition plus a contactless NFC in one complete package. It also supports USB Type-A, DC charging and LAN connection, make it ideal for application like time attendance, healthcare, law enforcement, etc.



### Strong Fingerprint Authentication

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



### Aratek Face Recognition Algorithm

The BM7550 has patent face recognition algorithm, the recognition rate is 99.72% in international face database LFW



### Ultra-long Life Battery

6000mAh/10000mAh battery capacity for your choice, fully meet the requirement of outdoor mobile identification



### Open Operating System

Android 8.1 operating system, customizable for various applications



### 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



### Multi-Interface

USB Type-A, Micro USB, DC charging and RJ45 interfaces support

## Applications

- **National ID**  
Identity verification with high accuracy
- **Public Security**  
Patrol system, ID card & driver license verification
- **Healthcare**  
Improve clinical standards, protect staff and patients, and combat fraud
- **Voter Verification**  
Ultra-secure voter identity check
- **Time Attendance**  
Optimize your attendance systems
- **Law Enforcement**  
Prove identity quickly while in the field

# BM7550 Biometric Mobile Terminal

## Physical Parameter

Operating System	Android 8.1
Processor	Quad-core 1.3GHz
Memory	1G RAM + 8G ROM or 2G RAM + 16G ROM (option)
Display	7 Inch Capacitive
Resolution	1280*800
Camera	8 MP HDR (Front), Auto Focus 8 MP (Rear, option)
USB	Type-A*1, Micro USB*1
LAN	Support
DC Charging	Support
SIM Card	Micro SIM Card*2
Expansion Card	TF Card, Up to 64G
Battery	6000mAh removable (option: 10000mAh)
Weight	717g
Dimension	235*147*28mm (L*W*H)

## Biometrics

Fingerprint Capture	Optical Press
Platen Size	16*21 mm
Sensing Area	15.24*20.32 mm
Image Size	300*400 pixels
Image Resolution	500 dpi
Gray Scale	256 level
Face Recognition	Support

## Wireless Communications

WiFi	802.11 b/g/n
3G	B1/B2/B5/B8
GPS	Support
Bluetooth	Bluetooth 4.0

## Credential Reading

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

10F, No. 131, Songjiang Road, Zhongshan District, Taipei City 10491, Taiwan

+886 2-2501-0001

sales@aratek.co

www.aratek.co

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