

BM7550

Biometric Mobile Terminal



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

Integrated, Durable, Reliable. The ARATEK 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 FAP 20, 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 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 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

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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	Front Camera: 8M Rear Camera: 8M, auto focus
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
Weight	717g
Dimension	235*147*28mm (L*W*H)

Biometrics

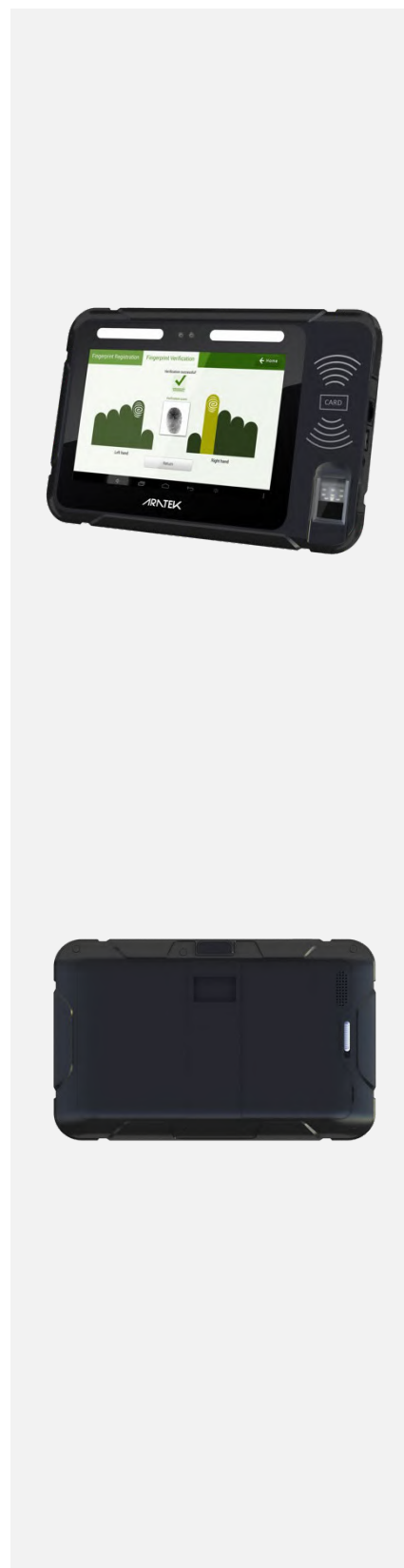
Fingerprint Capture	Optical Press
Platen Size	16*21 mm
Sensing Area	15.24*20.32 mm
Image Size	300*400 pixels
Image Resolution	500 dpi
Gray Scale	256 level
Face Recognition	Support

Wireless Communications

WiFi	802.11 b/g/n
3G	Support
GPS	Support
Bluetooth	Bluetooth 4.0

Credential Reading

NFC	ISO 14443A/B
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