

# BM7550

## Biometric Mobile Terminal



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 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

# BM7550 Biometric Mobile Terminal

## Biometrics

|                     |                                  |
|---------------------|----------------------------------|
| Fingerprint Scanner | FBI Mobile ID FAP 20 Aratek A600 |
| Platen Size (W*L)   | 16.0*21.0 mm                     |
| Sensing Area (W*L)  | 15.24*20.32 mm                   |
| Image Size          | 300*400 pixels                   |
| Image Resolution    | 500 dpi                          |
| Gray Level          | 256 level                        |
| Face Recognition    | Support                          |

## Credential Reading

|     |         |
|-----|---------|
| NFC | Support |
|-----|---------|

## Basic

|                  |                                                     |
|------------------|-----------------------------------------------------|
| Operating System | Android 8.1                                         |
| Processor        | Quad-Core, 1.3GHz                                   |
| Memory (RAM+ROM) | 1G+8G, 2G+16G (Option)                              |
| Display          | 7-inch capacitive touch screen                      |
| Camera           | Front : 8MP + LED Flash<br>Rear: 8MP AF + LED Flash |
| SD Card          | Micro SD card, up to 64G                            |
| Battery          | 6000mAh                                             |
| Charger          | Input: 100-240V, 50/60hz, Output: 5V/2A             |

## Communications

|           |                       |
|-----------|-----------------------|
| 3G        | Support               |
| Wi-Fi     | 802.11 b/g/n          |
| Bluetooth | BT 4.0                |
| GPS       | GPS, AGPS             |
| SIM Card  | Support               |
| USB       | USB Type-A, Micro USB |
| LAN       | Support               |

## Certification

|               |               |
|---------------|---------------|
| Certification | CE, FCC, RoHS |
|---------------|---------------|



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