

BM5520

Handheld ID Check Terminal



- Fingerprint
- Barcode
- NFC
- 4G
Connectivity

Phenomenal battery life. Highly-portable. Feature-packed. When the job calls for a reliable and portable fingerprint scanner, the ARATEK BM5520 Handheld ID Check Terminal is the only choice. The device features an ultra-long battery life that keeps going, making the ARATEK BM5520 the perfect biometrics tool for law enforcement, National ID, remote financial services, and many other applications. The ARATEK BM5520 features a Barcode Scanner that can read 1D/2D, PDF417, Data Matrix, QR Code, Aztec, and many other formats.



Strong Fingerprint Authentication

Durable optical scanner, fully compliant with FBI FAP 20, STQC, ISO19794-2, ANSI-378, WSQ standard



Open Operating System

Android 11 or above 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 8MP 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 3G/4G, Wi-Fi and Bluetooth, data transfer is as easy as 1-2-3



NFC

Contactless card reading



Barcode Scanner

All types of 1D/2D barcode reading, PDF417, QR Code, Data Matrix, Aztec etc.

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
- **Logistics tracking**
Optimize your logistics systems
- **Financial service**
Financial inclusions, government benefit deliveries, pension distributions

BM5520 Handheld ID Check Terminal

Physical Parameter

| | |
|-------------------|---|
| Operating System | Android 11 or above |
| Processor | Quad-core, 2.0Ghz |
| Memory (RAM+ROM) | 2G+32G, 3G+32G or 4G+64G or 6G+128G (Option) |
| Display | 5-inch capacitive touch screen |
| Camera | Rear: 8MP AF (Option 13MP) + LED Flash |
| USB | USB Type A, Type C |
| SIM Card | Support |
| SD Card | Micro SD card, up to 256G |
| Battery | 10000mAh (Option: 4000mAh) |
| Weight | 436g |
| Dimension (W*L*H) | 82*210*46 mm |

Biometrics

| | |
|---------------------|--|
| Fingerprint Scanner | Mobile ID FAP 20 certified 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 |
| Facial Recognition | Support |

Wireless Communications

| | |
|----------------------|-------------------|
| WiFi | 802.11 a/b/g/n/ac |
| 3G WCDMA | Support |
| 4G FDD-LTE & TDD-LTE | Support |
| GPS | GPS, AGPS |
| Bluetooth | Bluetooth 5.0 |

Credential Reading

| | |
|----------------|---------|
| NFC | Support |
| Barcode Reader | Support |



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