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 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

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Physical Parameter

Operating System	Android 11
Processor	Quad-core 2.0 Ghz
Memory	2G RAM + 32G ROM 3G+32G or 4G+64G (Option)
Display	5 Inch Capacitive
Resolution	720*1280 pixels IPS
Camera	Rear: 8MP AF (Option 13MP) + LED Flash
USB	USB2.0 Type A*1, Type C*1
SIM Card	Micro SIM Card*2
SD Card	TF Card, Up to 256G
Battery	10000mAh (Option: 4000mAh)
Weight	436g
Dimension	201*83*43 mm (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
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	ISO 14443 A/B
Barcode Reader	1D, 2D, PDF417, QR Code, Code 39, Code 128, DataMatrix, UPC-A, etc.

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