ARATEK

BM5510

Handheld Verification Device

Fingerprint **NFC** **4G** Connectivity **Long Life Battery**

Multi-connected. Heavy-duty. Highly-interoperable. The ARATEK BM5510 Handheld Verification Device features an ultra-long battery life that keeps going, making it the perfect biometrics tool for law enforcement, National ID, remote financial services, and many other applications needing multi-connectivity and mobility. The device also features 3G/4G, WIFI, NFC, and Bluetooth connectivity, giving unmatched options for fast data transfer.

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

Dual SIM Slot
Dual SIM slot

Applications

- **National ID**
  Identity verification with high accuracy

- **Voter verification**
  Ultra-secure voter identity check

- **Public security**
  Patrol system, ID card & driver license verification

- **Mobile Attendance**
  Optimize your attendance systems for remote area

- **SIM registration**
  ID check for SIM card activation

- **Financial service**
  Financial inclusions, government benefit deliveries, pension distributions

BM5510 Handheld Verification Device

Physical Parameter

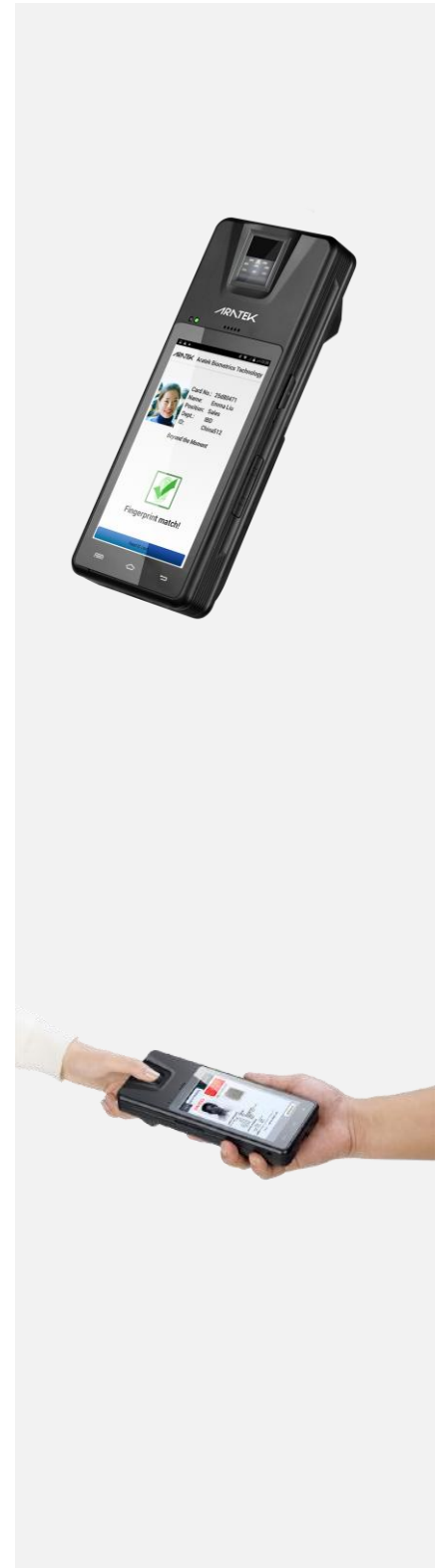|	
Operating System	Android 11 or above
Processor	Quad-core,2.0Ghz
Memory (RAM+ROM)	2G+32G, 3G+32G or 4G+64G or 6G+128G (Option)
Display	5-inch capacitive touch screen
Camera	Rear: 8MP AF (Option 13MP) + LED Flash
USB	USB Type A, Type C
SIM Card	Support
SD Card	Micro SD card, up to 256G
Battery	10000mAh (Option: 4000mAh)
Weight	527g
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

Aratek Biometrics Co., Ltd.

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

+886 2-2501-0001   sales@aratek.co   www.aratek.co