

MARSHALL

Versatility in Your Hand



Portable. Powerful. Versatile. The ARATEK MARSHALL is an all-in-one device for easy identification and authentication anywhere. It is designed for demanding conditions that require portability and accuracy. Using advanced fingerprint capture technology and the patented BIONE biometric engine, the ARATEK MARSHALL is the intelligent choice for identification and authentication applications for voter registration and authentication, census, border control, financial inclusion, welfare distribution, SIM card activation, and mobile Time and Attendance management. The ARATEK MARSHALL Fingerprint Scanner carries the FBI PIV Mobile ID FAP 20, 30, AND 45 Certification, a guarantee of high quality captures, fast and reliable matches, usability, and interoperability every time you need it.



Fingerprint Authentication

FBI certified scanner FAP 20, 30, 45



High-speed Printer

2-inches thermal high-speed printer



Credential Scanner

Equipped with NFC, 2D Barcode, Smart Card Reader



MRZ Reader

Support ICAO and international standards



Facial Recognition

With 13MP camera and ARATEK TrustFACE engine



Wireless Communication

Supports 3G/4G, Wi-Fi, Bluetooth and GPS



Ultra-long Life Battery

10000mAh battery capacity for 14 hours operation



Open Operating System

Android 11

MARSHALL

Biometrics

Fingerprint Scanner	FAP 20 (Up to FAP 30 & FAP 45) Sensing Size 15.24mm* 20.32mm Image Resolution 500 dpi
Facial Recognition	Option

Credential Reading

NFC	ISO 14443 A/B
MRZ Reader (Option)	ICAO 9303 & ISO/IEC 7501-1 (2 and 3-line MRZ) ISO/IEC 18013-1 driving licenses (1-line MRZ)
Barcode Reader (Option)	1D, 2D, PDF417, QR code, Code 39, Code 128, DataMatrix, UPC-A, etc.
Smart Card Reader (Option)	ISO 7816

Basic

Operating System	Android 11
Processor	Quad-Core 2.0GHz
Memory	2G RAM + 16G ROM 3G+32G or 4G+64G (Option)
Display	5 Inches 720*1280 Pixels IPS LCD
Camera	13 MP Auto Focus (Rear)
SD Card	Micro SD card, up to 64G
Printer	2 Inches Thermal Printer
Battery	10000 mAh/3.8V Hi-Performance Li-ion
Adapter	Input: 100-240V, 50/60hz Output: 5V/2.5A
Temperature and Humidity	Operation: 0°C~45°C, 10%~75% Storage: -20°C~50°C, 5%~85%

Communications

3G WCDMA	Support
4G FDD-LTE & TDD-LTE	Support
WiFi	802.11 a/b/g/n/ac
Bluetooth	Bluetooth 5.0
Location	GPS, AGPS
SIM Card	Micro SIM Card *2
PSAM Card	PSAM Card *2
USB	USB2.0 Type A*1, Type C*1

Certification

Certification	CE, FCC
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Others

Weight	585g
Dimension	210*85*90 mm



Applications

- National ID
- Financial Inclusion
- Beneficial Programs
- Voters Authentication
- SIM Card Activation
- Mobile Time & Attendance

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