ARATEK

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 8.1 / Android Go

MARSHALL

Biometrics

Fingerprint Scanner	FAP20 (Up to FAP30 & FAP45) Sensing Size 15.2mm* 20.3mm Image Resolution 500 dpi
Facial Recognition	Option

Credential Reading

NFC	ISO/IEC 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)
2D Barcode (Option)	1D, 2D, PDF417, QR code, Code 39, Code 128, DataMatrix, UPC-A, etc.
Smart Card Reader (Option)	ISO 7816

Basic

Operating System	Android 8.1 or Android Go
Processor	Quad-Core 1.3GHz
Memory	2G RAM + 16G ROM
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/3.7V Hi-Performance Li-ion
Adapter	Input: 100-240V, 50/60hz Output: 5V/2.5A
Temperature and Humidity	Operation: 0℃~45℃, 10%~75% Storage: -20℃~50℃, 5%~85%

Communications

3G WCDMA	Support
4G FDD-LTE & TDD-LTE	Support
WiFi	802.11 a/b/g/n
Bluetooth	Bluetooth 4.1
Location	GPS, AGPS
SIM Card	Micro SIM Card *2
PSAM Card	PSAM Card *2
USB	USB 2.0 Type A *1 & Micro USB *1

Certification

Certification	CE, FCC

Others

Weight	585g
Dimension	210*85*90 mm

FAP45
FAP30
FAP20

MRZ

Printer

Applications

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

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