

Marshall 8R

8" Rugged Biometric Tablet



Rugged. Powerful. Secure. Elevate your field operations with the ARATEK Marshall 8R. This rugged biometric tablet seamlessly integrates fingerprint and facial recognition, barcode scanning, as well as contact and contactless card with reading functionalities within a rugged casing designed to resist drops, shocks, and harsh environments. An IP65 rating, it offers exceptional resistance against dust and water, encapsulating its durability in a single figure. More than merely resilient, the Marshall 8R is crafted to deliver reliable ID registration and verification across diverse applications, from national ID and voter registration to border control and law enforcement, the Aratek Marshall 8R proves that no environment is too challenging, guaranteeing unmatched performance and reliability where it matters most.



Fingerprint Recognition

FBI FAP 30 certified optical sensor with Live Finger Detection (LFD)



Facial Recognition

Supports accurate facial recognition



Contact & Contactless Card Reading

Equipped with contact card reader and NFC reader



Barcode Scanning

Supports fast barcode scanning



Rugged and Durable

Drop protection & IP65 rating



Ultra Long-life Battery

10000mAh battery capacity



Wireless Communication

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



Operating System

Android 13

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Biometrics

Fingerprint Scanner	FBI Mobile ID FAP 30 Aratek A700
Facial Recognition	Support
Iris Recognition	Option

Credential Reading

NFC	ISO/IEC14443 A/B
Contact Card Reader	ISO7816 Class A, B and C (5V/3V/1.8V) card
Barcode Reader	1D, 2D, PDF417, QR code, Code 39, Code 128, DataMatrix, UPC-A, etc.

Basic

Operating System	Android 13
Processor	Octa (8) Core, 2.0GHz
Memory (RAM+ROM)	4G+64G, 3G+32G or 6G+128G or 8G+256G (Option)
Display	8-inch capacitive touch screen
Resolution	1280*800 pixels IPS
Camera	Front: 8MP FF Rear: 13MP AF + LED Flash
SD Card	Micro SD card, up to 256G
Battery	10000mAh
Charger	Input: 100-240V, 50/60hz, Output: 9V/2A Fast charging capability
Tamper-protection	Option
Weight	900g
Dimension (W*L*H)	231*217*28.5 mm
Temperature and Humidity	Operating: 0°C ~50°C, 10%~75% Storage: -20°C ~60°C, 5%~85%
Ingress Protection	IP65



Communications

3G/4G	Support
Wi-Fi	IEEE 802.11a/b/g/n/ac
Bluetooth	BT 5.0
GPS	GPS + GLONASS + Galileo + Beidou
SIM Card	Micro SIM Card*2
PSAM Card	PSAM Card*1
USB	USB Type-A, Type-C

Certification

Certification	CE, FCC, RoHS
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Applications

- National ID
- Financial Services
- Border Control
- Voters Registration
- SIM Card Registration
- Beneficial Programs
- Mobile Time & Attendance

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