

Rugged Biometric Tablet



Powerful. Rugged. Portable. Packed with Features. The BM8000 ushers in a new age in biometric identification and authentication. From fingerprint to facial recognition, barcode to contact&contactless card reading, all the way to a large 8-inch display, BM8000 integrates everything needed to get the job done. Extremely sturdy and portable, the IP65 rated Marshall 8 enables users to securely manage enrollments in both indoor and outdoor environments and is suited for national ID, voter registration, SIM card activation, border control, law enforcement, financial services, mobile time attendance, and census campaigns.



Fingerprint Authentication

FBI FAP 20 certified optical fingerprint sensor, live finger detection



Facial Recognition

Supports accurate facial recognition



Contact & Contactless Card Reading

Equipped with smart card reader and NFC reader



Wireless Communication

Supports 4G, Wi-Fi, Bluetooth and GPS



Barcode Scanning

Supports fast barcode scanning



Ultra Long-life Battery

10000mAh battery capacity for 14 hours operation



Rugged and Durable

IP65 rating to protect from water and dust



Operating System

Android 13

BM8000 Biometric Tablet

Biometrics

Fingerprint Scanner	Optical FAP 20 (Option: FAP 30)
Facial Recognition	Support
Iris Recognition	Option

Credential Reading

NFC	ISO/IEC 14443 A/B
Smart 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
Display	8-inch Capacitive, 1280*800 pixels IPS
Camera	Front: 5MP FF Rear: 13MP AF + LED Flash
SD Card	Micro SD card, up to 256G
Battery	10000mAh
Adapter / Charger	Input 100-240V 50/60hz, Output: 9V/2A Fast Charging Capability
Ingress Protection	IP65
Weight	900g
Dimension (W*L*H)	223.6*195.6*22mm
Temperature and Humidity	Operating: 0°C~50°C, 10%~75% Storage: -20°C~60°C, 5%~85%
Wrist band	Support

Communications

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

Certification

Certification	CE, FCC, RoHS
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Applications

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