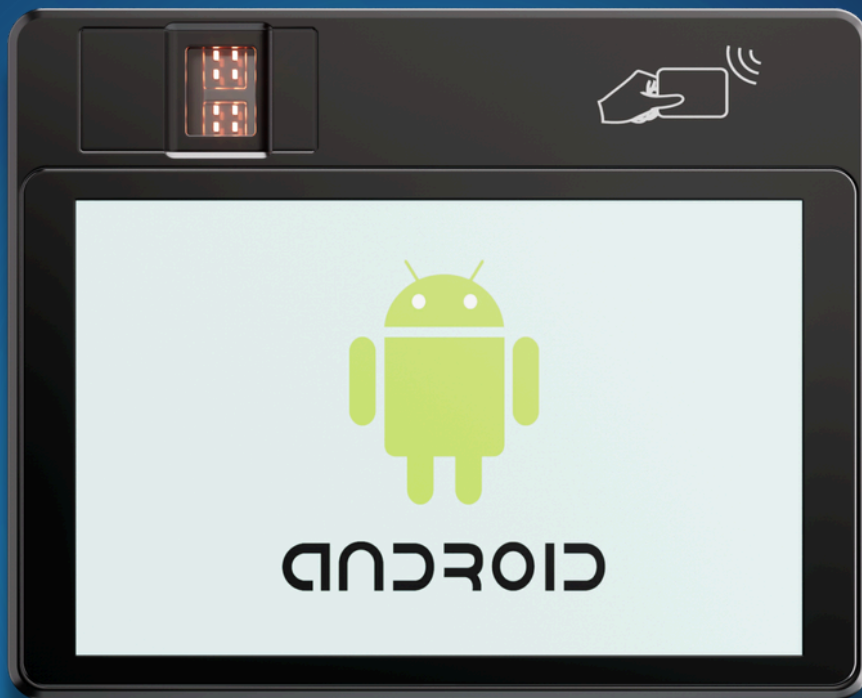


MARKLAND

i-ARK M11-I

8" Biometric Tablet



Fingerprint Authentication

FAP 20 optical fingerprint recognition with liveness detection



Facial Recognition

Dual camera to ensure clear and precise facial recognition



Iris Verification

MOSIP compliant binocular iris recognition module with auto-capture



Contact & Contactless Card Reading

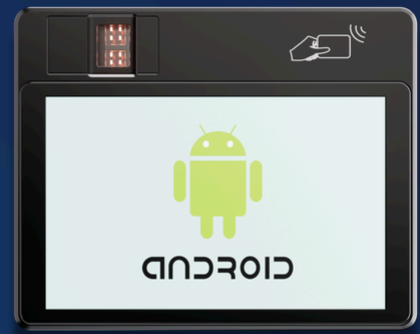
Equipped with contact card reader and NFC reader

MARKLAND

i-Ark M11-I Biometric Tablet

The i-Ark M11-I is a compact and high-performance biometric tablet designed for trusted identity enrollment and verification. It supports multi-modal biometric authentication including **fingerprint, facial and iris recognition**, along with document and credential reading via **contact, contactless** interfaces, **QR** codes, and **MRZ** data.

Its integrated camera enables **facial authentication** while it features **secure boot** to ensure system-level integrity. Paired with a comprehensive SDK, the i-Ark M11-I is ideal for government, law enforcement, and border management.



FEATURES

Technology

-  Fingerprint
-  Facial
-  Iris
-  NFC / RFID
-  Contact Smart Card
-  QR Reader

Operating System

-  Android 14

Wireless Communication

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

Battery

-  6000mAh , 6 hours running time

[Contact Sales >>>](#)

Biometrics

Fingerprint Recognition

Format	Optical fingerprint
Capture Mode	Press
Liveness Detection	Support
Resolution	500 ppi with 256 grayscale range
Image Formats	Supports RAW, WSQ (FBI-approved), and ISO 19794-4 fingerprint image standards
FBI Certification	FAP 20

Iris Recognition

Capture Type	Binocular
Capture Mode	Auto capture (Both Iris Capture Simultaneously)
Capture Distance	35 ~ 45cm
Image Sensor	8 Megapixel
Image Format	8 bits
Capture Time	≤ 2 seconds
Iris Image Resolution	VGA (640 x 480)
Compliance	EMI / EMC / UIDAI / MOSIP
Certificates	Biometric Data Interchange Format, Environmental, Health and Safety, Ingress Protection Rating

Facial Recognition

Camera System	Dual Camera System
Imaging System (Front)	5 MP
Imaging System (Rear)	5 MP (16 MP Optional)

Credential Reading

Contactless Card Reader

Card Formats	Passports (TD1), Identity Card and Driver Licence (TD3), Visa (TD2)
Standards	ISO/IEC 14443 A&B Part 1 - 4 ISO14443/ISO18092
Speed	Up to 848 kbps, T=CL

Contact Card Reader

ID Formats	ID-1
Standards	ISO/IEC 7816 Part 1 to 4, Class A/B/C
Speed	Up to 600 kbps, TA1=97

Barcode Reader

QR Formats	Support internal 1D/2D scanner MRZ Reading capability with 99% accuracy
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Basics

Operating System	Andriod 14
Processor	RK3576 quad-core Cortex-A72(2.3GHZ) and quad-core Cortex-A53(2.2GHZ)
Memory (RAM+ROM)	4G+32G,(Option: 8G+64G)
LCD Display	8 inches
Display Feature	Touch panel G+G tempered glass scratch resistant & impact proof
Display Resolution	1280 x 800
SD Card	Up to 512GB
Battery	6000mAh
Operating time	6 hours run time on full battery

Communications

Network	3G/4G
Wifi	802.11ac/b/g/n dual-band (2.4GHz & 5GHz)
Bluetooth	BT 5.0
GPS	Optional GPS + GLONASS + Galileo + Beidou
SIM Card	Support
USB	Type-C
Connector	1 USB 3.0 Type-C

Certification

Certification	CE, RoHS
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Warranty

Warranty	2 years
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