

MARKLAND

i-ARK M200

Biometric Station



Fingerprint Authentication

FBI FAP 20 certified optical fingerprint recognition



Facial Recognition

Ensures clear and precise facial recognition with binocular camera



Document Reading

Integrated with document reader for passports, driving licence, and ID cards



Barcode Scanning

Support fast barcode with MRZ

Biometrics

Fingerprint Recognition

Format	Optical fingerprint
Capture Mode	Press
Platen Size	16.4 mm x 21.1 mm
Resolution	500 ppi with 256 grayscale dynamic range
Image Size	300 × 400 pixels (FBI certified)
Image Format	RAW, BMP, WSQ (FBI-approved)
FBI Certifications	FAP 20
Capture Speed	30 fps

Facial Recognition

Type	Binocular
Format	2MP Day & Night CMOS Sensor
Resolution	2MP
Video	1920×1080 (30fps)
View	95° Wide Angle
Night Vision	850nm Infrared

Credential Reading

Document Reader

Document Formats	Passports (TD1), Identity Card and Driver Licence (TD3), Visa (TD2)
Document Types	ICAO 9303 standard documents (TD1/TD2/TD3) & ISO18013 Driving Licence
Capture Rate	Half-page Document Reader
MRZ Reading	MRZ 1, 2, and 3 line reading with ≥99.8% accuracy
Illumination	Near-Infrared (B900, 860 nm)

NFC Reader

NFC Reader	ISO/IEC 14443 A&B Part 1 - 4 ISO14443/ISO18092
Speed	Up to 848 kbps, T=CL

Barcode Reader

QR Formats	Support internal 1D/2D scanner
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General

Interface	USB 2.0 CCID
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Speed	12 Mbps
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Power	USB Type-B ×1
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Dimensions(L*W*H):	145*235*38mm(±5%) without camera; 145*235*278mm(±5%) with camera;
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Status Indicator	3 LEDs
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SDK	C#, C++ ...
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Operating System	Windows, Linux, Android
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