

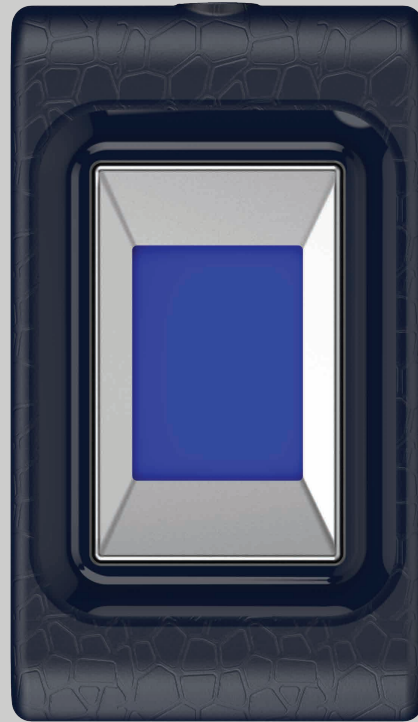
Slick Fingerprint Scanner

Model : MAPRO OX | OEM Module / Sensor : MOPv7.0

MANTRA

Benefits

- Scratch Resistant
- High accuracy
- Easy to use
- Faster operation
- Compact and light weight



Features



Scratch free sensor surface



Support Aadhaar auth
API specification V2.0



MINEX compliance extractor



Supports multiple devices



High speed USB 2.0 interface
with plug and play



Lower FAR and FRR



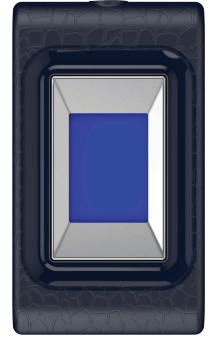
500 DPI optical
fingerprint sensor



FBI PIV Certified

Slick Fingerprint Scanner

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Mapro OX is a faster, accurate and reliable fingerprint scanner used for the authentication and verification purposes. Mapro OX is a portable device that is easy to carry anywhere at any time for identification of an individual. The device is scratch resistant hence it will have longer life. Mapro OX is MINEX compliance extractor.

At a Glance

Sensor Characteristics

Parameters	Specification
Fingerprint Sensor	: Optical Sensor
Spatial Resolution	: 500 DPI +/-2%
Sensing Area	: 12.8 mm x 18 mm
Image Size	: 256 x 360 Pixels
Image Grayscale	: 256 (8 - Bit Gray Level)
Sensing Area Hardness	: 8H
Maximum Acquisition Time (Placement to Template)	: < 2 sec
Approx Dimensions (L x W x H)	: 58 x 33 x 11 mm
Approx Weight	: 0.040 Kg

Electrical Characteristics

Parameters	Specification
Operating Voltage	: 5V +/- 5% (USB Powered Device)
Operating Current (max)	: 110 mA
Stand by Current (max)	: 66 mA
Interface	: USB 2.0(Wire to Board connector or FPC connector)

Environmental Characteristics

Parameters	Specification
Operating Temperature	: 0 to 50 degC
Storage Temperature	: 0 to 50 degC
Humidity (Operating / Storage)	: < 90% RH, Non-condensing

Compliant to Following Standard

Parameters	Specification
Biometric Data Interchange Format	: ISO 19794-2 for minutiae & ISO 19794-4 for Image Template
Environmental, Health and Safety	: RoHS Certification
BIS	: IS 13252 (Part 1)
Safety	: IEC60950
EMI / EMC Compliance	: CE & FCC Class A
Image Quality Certificates	: FBI PIV Certification
STQC Certification	: Yes
IP Rating	: IP67 (Platen Area)
Device Driver	: WHQL Certified
OS Supports	: Window x86 & x64, Linux, Android

**Applied for certification*