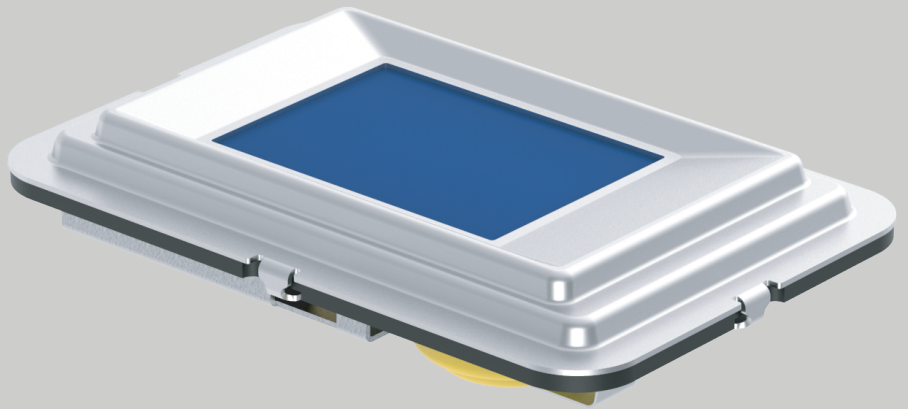


Benefits

- Stronger security
- 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 embedded extractor



Supports multiple devices



High speed USB 2.0 interface with plug and play



Device securely sign the biometric data



500 DPI optical fingerprint sensor



STQC/Aadhaar certified fingerprint sensor



FAP10 fingerprint device

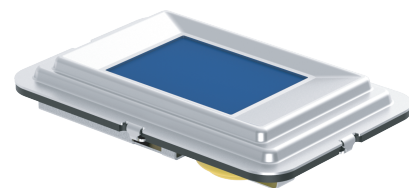


Lowest FAR and FRR

Optical Fingerprint Scanner

Model : MAPRO OX | Module : MOPv7.0

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 embedded extractor and FAP10 fingerprint device.



At a Glance

Sensor Characteristics

Parameters	Specification
Fingerprint Sensor	: Optical Scratch Free Sensor
Spatial Resolution	: 500 DPI +/- 5 %
Sensing Area	: 16 mm x 18 mm
Image Size	: 316 x 354 Pixels
Image Grayscale	: 256 (8 - Bit Gray Level)
Sensing Area Hardness	: 8H
Image Capture Speed (Continuous)	: 5 FPS
Maximum Acquisition Time (Placement to Template)	: < 2 sec
Approx Dimensions (L x W x H)	: 42 x 28 x 7.5 mm
Approx Weight	: 0.010 Kg

Electrical Characteristics

Parameters	Specification
Operating Voltage	: 5V +/- 5% (USB Powered Device)
Operating Current (max)	: 50 mA
Stand by Current (max)	: 45 mA
Interface	: USB 2.0 / Serial TTL

Environmental Characteristics

Parameters	Specification
Operating Temperature	: 0 to 45 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
*FBI PIV Certification	: Compliance
*STQC Certification	: Yes
IP Rating	: IP54
Device Driver	: WHQL Certified with Unique Serial Number
OS Supports	: Win XP, Win 7, Linux (32 bit & 64 bit)

**Applied for certification*