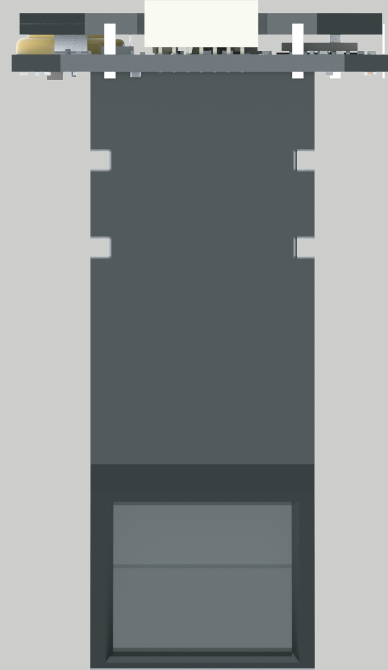


Benefits

- High speed interface
- Rapid capturing
- Easy to use
- Easy to integrate
- High accuracy rate



Features



FAP10 fingerprint device



STQC/Aadhaar certified fingerprint sensor



500 DPI optical fingerprint sensor



Device securely sign the biometric data



Scratch free sensor surface



Supports multiple devices



MINEX compliance embedded extractor



Support Aadhaar auth API specification V2.0



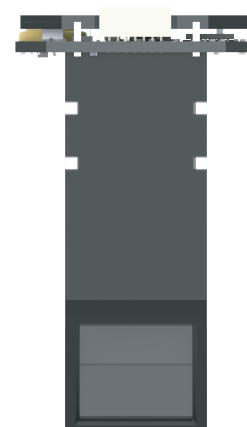
High speed USB 2.0 interface with plug and play



Lowest FAR and FRR

Optical Fingerprint Scanner

Model : MFS500 LX | Module : MOPv3.0



MFS500 LX is a fingerprint scanner with high durability that ensures robustness. MFS500 LX is MINEX compliance embedded extractor and FAP10 compliant fingerprint device. The device offers precise and rapid verification, authentication and authorization processes. MFS500 LX is a safe and convenient device that lets the fingerprint act as a password.

At a Glance

Sensor Characteristics

Parameters	Specification
Fingerprint Sensor	: Optical Scratch Free Sensor
Image Resolution	: 500 DPI +/- 5 %
Platen Size	: 16 mm x 18.2 mm
Active Platen Size	: 16 mm x 18 mm
Image Size	: 316 x 354 Pixels
Image Grayscale	: 256 (8 - Bit Gray Level)
Image Capture Speed (Continuous)	: 10 FPS
Maximum Acquisition Time (Placement to Template)	: < 2 sec
Light Source	: RED LED
Approx Dimensions (L x W x H)	: 29 x 35 x 61 mm
Approx Weight	: 0.028 Kg

Electrical Characteristics

Parameters	Specification
Operating Voltage	: 5V +/- 5% (USB Powered Device)
Operating Current (max)	: 81 mA
Stand by Current (max)	: 45 mA
Interface	: USB 2.0 (Std/OTG Supported) & 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