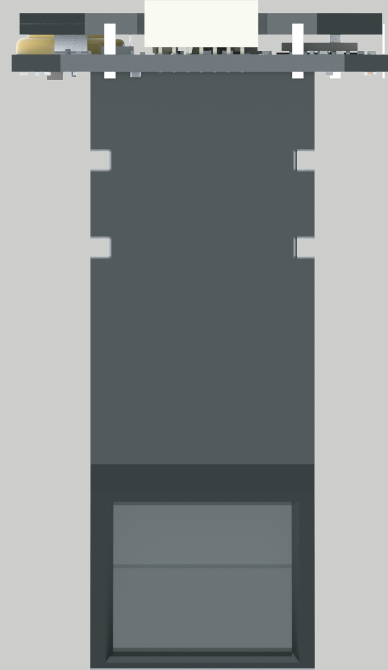


Benefits

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



Features



Lowest FAR and FRR



High speed USB 2.0 interface with plug and play



500 DPI optical fingerprint sensor



Device securely sign the biometric data



Scratch free sensor surface



Supports multiple devices



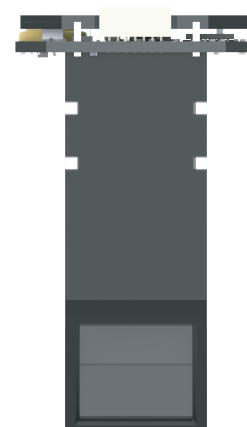
MINEX compliance embedded extractor



Support Aadhaar auth API specification V2.0

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. 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) |
| 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 |
| *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