Optical Fingerprint Scanner
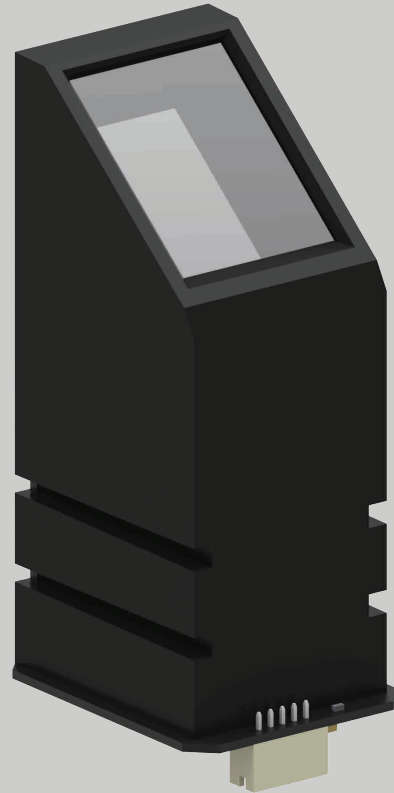## Model : MFS100 V2 | Module : MOPv1.2

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Benefits

- Handy device
- Convenient to use
- Easy-to-handle
- Simple to operate
- Error-free

Features

FAP10 fingerprint device

Support Aadhaar auth API specification V2.0

Lowest FAR and FRR

500 DPI optical fingerprint sensor

STQC/Aadhaar certified fingerprint sensor

High speed USB 2.0 interface with plug and play
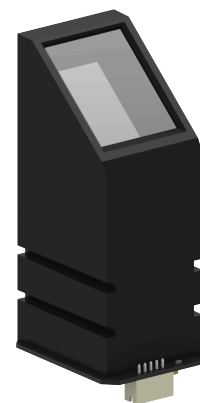
Supports multiple devices

Scratch free sensor surface

Device securely sign the biometric data

Optical Fingerprint Scanner
Model : MFS100 V2 | Module : MOPv1.2

MFS100 V2 is an elegant fingerprint device used for identification, verification and authentication processes of an individual. MFS100 V2 offers secure, error-free and reliable identification based on unique fingerprint biometric technology. It is fast & easy-to-use. It can be used as an alternative or a complement to those hard-to-remember passwords.

At a Glance

Sensor Characteristics

Parameters	Specification
Fingerprint Sensor	: Optical Scratch Free Sensor
Image Resolution	: 500 DPI +/-2%
Platen Size	: 16.4 mm x 20.0 mm
Active Platen Size	: 15 mm x 18 mm
Image Size	: 296 x 354 Pixels
Image Grayscale	: 256 (8 - Bit Gray Level)
Image Capture Speed (Continuous)	: 10 FPS
Maximum Acquisition Time	: < 2 sec
Light Source	: RED LED
Approx Dimensions (L x W x H)	: 28.5 x 23 x 62 mm
Approx Weight	: 0.025 Kg

Electrical Characteristics

Parameters	Specification
Operating Voltage	: 5V +/- 5% (USB Powered Device)
Operating Current (max)	: 100 mA
Stand by Current (max)	: 70 mA
Interface	: USB 2.0 (Std/OTG Supported)

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
*FBI PIV Certification	: Compliance
*STQC Certification	: Yes
IP Rating	: IP54
Device Driver	: WHQL Certified with Unique Serial Number
OS Supports	: Windows x86 & x64, Linux, Android

*Applied for certification

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