

Optical Fingerprint Scanner

MFS500

OEM Module / Sensor : MOPv2.0



BENEFITS

Easy to integrate

Offers high accuracy

Easier and faster to use

STQC & FBI PIV Compliance

USB 2.0 Interface

FEATURE



Lowest FAR and FRR



500 dpi optical fingerprint
scratch free sensor surface



USB 2.0 high speed
interface supports,
multiple devices handling



Support Aadhaar Auth API
Specification V2.0



STQC / Aadhaar Certified
FBI PIV Compliance



Supports Windows 7,8,10, Windows Vista, Windows 2000, Windows Server 2003/2007/2008, Linux, Windows ME, Windows 98 SE SDK, Libraries and Drivers support across all above Platforms.
(32 Bit and 64Bit) Easy Integration on to production servers and application support

Optical Fingerprint Scanner MFS500



MFS500 is a high-quality fingerprint scanner for accurate fingerprint authentication process. MFS500 is devised with an optical scratch free sensor for efficient recognition of poor quality fingerprint. MFS500 is FAP10 compliant fingerprint device and can be used for the process of identification, verification and authentication that captures the fingerprint images in a faster and reliable manner.

AT A GLANCE

Fingerprint Sensor : Optical Scratch free sensor

Image Resolution : 500 +/-10 DPI

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) : 15 FPS

Maximum Acquisition time (Placement to Template) : < 2 sec

Light Source : RED LED

Approx Dimensions (L x W x H) : 85 x 51 x 54 mm

Approx Weight : 0.120 Kg

Operating Voltage : 5V +/- 5% (USB Powered Device)

Operating Current (max) : 75 mA, Stand by Current (max)45 mA

Interface USB : 2.0 (Std/OTG Supported)

Operating Temperature : 0 to 45 degC, Storage Temperature : 0 to 50 degC

Humidity (Operating / Storage) : < 90% RH, non-condensing

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 Compliance

STQC Certification : Yes

Device Driver WHQL certified with unique serial number

OS supports : Window x86 & x64, Linux, Android