

MFS110

Optical Fingerprint Scanner



Operating
Systems

USB 2.0

IP54

Lower
FAR & FRR

STQC/Aadhaar
Certified

MFS110 is an elegant fingerprint device used for identification, verification and authentication processes of an individual. MFS110 offers secured biometrics data, 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.

Technical Specification

SENSOR		SECURITY	
Fingerprint Sensor Type	Optical Sensor	Crypto Operation	RSA2048, AES-GCM-256, SHA-256,
Platen Area	14.0 mm x 17.0 mm	Secure Boot	Supported
Image Size	276 x 336 Pixels	Secure Memory	TEE Support, Key Wrapping
Light Source	Red LED	CERTIFICATIONS	
Spatial Resolution	500 DPI +/- 2%	Certifications	CE, RoHS, BIS, IP54
Image Grayscale	256 (8-Bit Gray Level)	Image Quality	FBI PIV, STQC
Capture Mode	Auto Capture with Built-in Quality Ch	EMI/EMC	CE, FCC Part 15B
Max Acquisition Time	< 2 Sec	Device Driver	WHQL Certified
ELECTRICAL		Safety	EN/IEC 62368-1, IS 13252 (Part 1)
Operating Voltage	5V +/- 5% (USB Powered)	Biometric Standard	ISO 19794-2, ISO 19794-4
Operating Current	< 90 mA	OPERATING SYSTEMS	
Stand-by Current	50 mA	Supported OS	Windows 10+, Linux, Android
Interface	USB 2.0	APPLICATIONS	
ENVIRONMENTAL		Banking & Corporates	✓
Operating Temperature	0 to 50 °C	Institutions	✓
Storage Temperature	0 to 50 °C	Public Distribution System	✓
Humidity	< 90% RH, Non-condensing	Merchant Payment	✓
IP Rating	IP54	E-Governance	✓
Weight	Approx. 0.25 kg	Payment Applications	✓
Dimensions (L x W x H)	91 x 61 x 54 mm		

Main Features

Lowest FAR & FRR

Windows/Android/Linux

Scratch-Free Sensor

USB 2.0 Plug & Play

MINEX Compliant

500 DPI Optical Sensor

IP54 Protection

Auto Finger Detection

Default 1 year RD service subscription & 1 Year Warranty included. Renewal chargeable.
 For verification visit: <https://www.rdservice.online/>