

Optical Fingerprint Scanner

Model : MFS100

MANTRA

Applications

- PC/Network security
- E-commerce
- Groupware
- Time and attendance system
- Smart card application
- Public application
- AFIS
- Health and medical
- UIDAI auth application



Features



STQC/Aadhaar certified fingerprint sensor



Supports Aadhaar auth API specification V2.0



Lowest FAR and FRR



Supports multiple devices



Scratch free sensor surface



Device securely sign the biometric data



500 DPI optical fingerprint sensor



Plug and play USB 2.0 with high speed interface

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MFS100 is a high-quality USB fingerprint sensor for fingerprint authentication to access desktop or network security. MFS100 is based on optical sensing technology which efficiently recognizes poor quality fingerprints also. MFS100 can be used for authentication, identification and verification of an individual that let your fingerprint act like digital passwords which cannot be lost, forgotten or stolen. Hard optical sensor is resistant to scratches, impact, vibration and electrostatic shock.

At a Glance

Sensor Characteristics

Parameters	Specification
Fingerprint Sensor	: Optical (Scratch Free Sensor Surface)
Image Resolution	: 500 DPI / 256 Gray
Platen Area	: 14 x 16 mm
Operating Temperature	: 0~50°C
Standards	: ANSI-378, ISO19794-2
Supports Encryption Algorithms	: AES256, RSA2048
Supports Hashing Algorithms	: MD5, SHA256
Traceability	: Every Device Have Physical Unique Device ID
Interface	: USB 2.0 High Speed/Full Speed, Plug & Play
Certification	: PIV, CE, FCC, RoHS, IEC60950 Certified
Platen	: Hard Glass
Sensor Certification	: STQC/UIDAI
Operating System	: Android

