



- Compact device
- Convenient to carry
- Easy-to-handle
- Simple to operate



Features



Scratch free Sensor Surface



High speed USB 2.0 interface with secured communication



MINEX Compliance



Auto Finger Detection



Lower FAR and FRR



500 DPI optical fingerprint sensor



Supports Windows Operating Systems

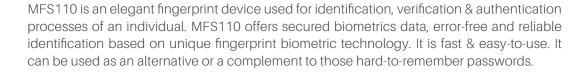


Supports Android Operating Systems



Supports Linux Operating Systems

Optical Fingerprint Scanner MFS110





At a Glance

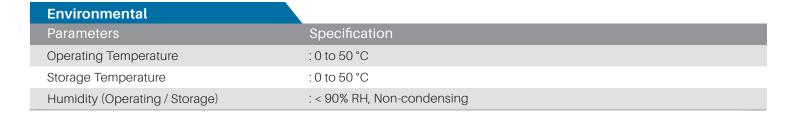
Sensor Characteristics		
Parameters	Specification	
Fingerprint Sensor Type	: Optical Sensor	
Spatial Resolution	: 500 DPI +/- 2%	
Platen Area	: 16.0 mm x 19.0 mm	
Sensing Area	: 13.0 mm x 16.5 mm	
Image size	: 256 x 328 Pixels	
Image Grayscale	: 256 (8 - Bit Gray Level)	
Light Source	: Red LED	
Maximum Acquisition time (Placement to Template)	: < 2 Sec	
Approx. Dimension (L x W x H)	: 61(L) x 91(W) x 54(H) mm	
Approx. Weight	: 0.140 kg	
Capture mode	: Auto capture with built-in quality check (incorporates NIST quality considerations)	

Security	
Parameters	Specification
Crypto operation	: Hardware base RSA2048 Key Genration, AES-GCM-256, SHA-256, TRNG support
Secure Memory	: TEE support by the device. Secure memory support key wraping feature
Secure Boot	: Secure boot support by the device

Electrical	
Parameters	Specification
Operating Voltage	: 5V +/- 5% (USB Powered Device)
Operating Current	: <90 mA
Stand by Current	: 50 mA
Interface	: USB 2.0

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Compliant to Following Standard		
Parameters	Specification	
Biometric Data Interchange Format	: ISO 19794-2 for minutiae & ISO 19794-4 for Image Template in Encrypted	
	PID Data Block	
Environmental, Health and Safety	: RoHS	
Safety	: EN/IEC 62368-1, IS 13252 (Part 1)	
EMI / EMC Compliance	: CE, FCC Part 15B	
Image Quality Complaince	: FBI PIV, STQC	
IP Rating	: IP54	
Device Driver	: WHQL certified	
Operating System	: Windows 10 & above OR Android 7 & above	

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