



- 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

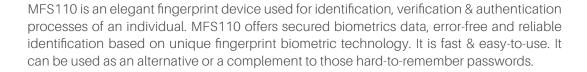


Supports Android Operating Systems



Supports Linux Operating Systems

## Optical Fingerprint Scanner MFS110





## At a Glance

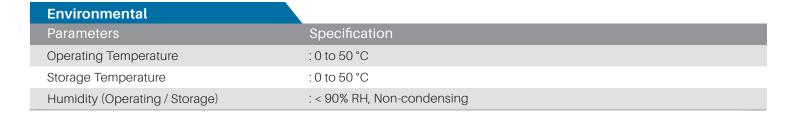
Sensor Characteristics	
Parameters	Specification
Fingerprint Sensor Type	: Optical Sensor
Spatial Resolution	: 500 DPI +/- 2%
Platen Area	: 14.0 mm x 17.0 mm
Image size	: 276 x 336 Pixels
Image Grayscale	: 256 (8 - Bit Gray Level)
Light Source	: Red LED
Maximum Acquisition time (Placement to Template)	: < 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 Generation, 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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## Optical Fingerprint Scanner MFS110



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 x86 & x64, Linux, Android	

<sup>\*</sup> Certification under process

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