

MARKLAND

MFS 501

FBI FAP 60

4-4-2 Fingerprint Recognition



MFS 501 4-4-2 Fingerprint

MARKLAND

Overview

Format	4-4-2 Single fingerprint rolls, single fingerprint flats, four fingers, two thumbs
Liveness detection	Supported
Fake Finger Detection	Supported
FBI Certifications	FAP 60

Performance Parameter

Sensor	Optical (LES & TFT)
Platen Size	92 x 79 mm
Sensing Area	81.3 x 76.2 mm
Rolled Area	40.64 mm × 38.1 mm
Image Size	- Four Finger Slap: 1600 x 1500 pixels - Single Flats/Rolls: 800 x 750 pixels
Image Resolution	500 dpi
Gray Level	8 bits, 256 levels
Image Distortion	≤1%
Image Formats	RAW, JPEG, JPEG2000, BMP, PNG, WSQ (FBI-approved)

Physical

Dimension	128 x 160 x 92 mm
Packaged Size	250 × 230 × 190 mm
Weight	1.34 kg
Ingress Protection Rating	IP67

Communication

Interface	USB 2.0 or USB 3.0
LED Indicators	Power, status, and fingerprint indications

Operating System

OS Support	Windows, Android, Linux, Java, C++, C#, HTML, OCX
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SDK	Windows, Android, Linux, Java, C++, C#, HTML, OCX
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Comprehensive SDK	• FBI standard processing software • Capture 14 NIST fingerprint images • FBI standard WSQ compression module • SMTP, FTP, XML and NIST interface module • Quality check and sequence check module • Segmentation of flats into single fingerprint images
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Min. PC Requirements	Intel® Core™ i3 / 2GB RAM / 80GB HDD / USB 2.0 / Windows® 7+*
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Operation Environment

Operating Temperature	0°C ~ 50°C
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Operating Humidity	10% ~ 90%
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Storage Temperature	-20°C ~ 60°C
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Storage Humidity	10% ~ 90%
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Certifications

Standards	TAA & MOSIP Compliant
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Certification	Appendix F Specifications FAP 60 / MOSIP / WHQL / FCC / CE / CB / ROHS / USB-IF / IP67
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