

MARKLAND

MFS500

4 4 2 Fingerprint Scanner



Rugged, Compact, Reliable, 4 4 2 Fingerprint Scanner, Ten Fingerprint Scanner and Multi Fingerprint Scanner

The MFS500 fingerprint livescan is a lightweight, compact, optical fingerprint device. Its 91mm height should be the ultrathin in optical four fingerprint scanner. USB 2.0 interface eliminates excessive cables. All these allow it to be easily integrated into new or existing applications. There are finger indications to guide operators to capture rolled and flat fingerprints on the panel of MFS500 scanner. The software guides the operator through the capture process with on-screen prompts and graphical displays. Real time image quality check, sequence verification, auto-positioning, auto-rotating,

and auto cutting functions ensure the capture of high quality prints which is convenient to operators.

The MFS500 is simply the go-to & low-cost fingerprint solution for Finance & Banking, National ID, Voter registration, Census, LawEnforcement, e-Passport& VISA, among others.

Features:

- Supports single, rolled and flat capture capabilities
- Automatic calibration
- Automatic positioning fingerprints
- Automatic segmentation
- Automatic elimination of latent prints
- Fingerprint quality feedback
- High-quality fingerprint image
- Prompting of error finger placing
- Optional automatic or manual capture
- Mist elimination
- Fully compliant with ANSI/NIST ITL-1-2007 standards
- Certified for FBI IAFIS Appendix F
- Fully compliant with ISO/IEC 19794-4; IP 54 compliant

| Parameter | Details |
|---------------------------------|---|
| Host Interface | USB 2.0 or USB 3.0 |
| Resolution | 500 dpi ±1% |
| Active Platen Area | 3.2*3.0 in. (81.3*76.2 mm) |
| Platen Size | 3.62*3.11 in. (92*79mm) |
| Rolled Area | 1.6*1.5 in. (40.64*38.1 mm) |
| Image Pixel Size | 1600*1500 pixel (Flat Image); 800*750 pixel (Rolled Image) |
| Image Distortion | ≤1% |
| Image gray Range | ≥200 grayscales Grayscale: 8-bit, 256 levels |
| Collection Rate | Single finger rolling frame rate: 20 Rate/sec; Flat four fingers frame rate: 5 Rate/sec |
| Operating Temperature | 0 °C ~50 °C |
| Storage Temperature | -20 °C ~60 °C |
| Relative Humidity | 10 ~90% |
| Capture Mechanism | Automatic |
| Weight | 2.76 lbs. (1.25 kg) |
| Dimensions | 5.35*6.34*3.6 in. (136*161*91 mm) |
| LED Indicators | Power, status, and fingerprint indications |
| Capture Format | Single fingerprint rolls, single fingerprint flats, four fingers, two thumbs |
| Standard Software | <ul style="list-style-type: none">• 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 |
| Available SDKs | Windows(C++, JAVA)、Android、Linux |
| Minimum Computer Specifications | Intel® Core™ i3 or higher; 2 GB RAM or higher; 80 GB hard drive or higher; USB 2.0; Windows® 7 or higher |
| Certifications | <ul style="list-style-type: none">• FBI Standard CJIS-RS-0010 (V7) IAFIS Image Quality• Specifications (IQS) for Scanners Appendix F• ANSI/NIST ITL-1-2007• FCC/CE |

