Lumidigm M-Series

Optical Fingerprint Scanner

fulcrum biometrics

Description

The M-Series desktop sensors are stand-alone biometric readers that can easily be attached to a host PC or intelligent controller via a standard USB cable. These devices utilize the same multispectral imaging technology deployed in the M-series sensor modules and are able to deliver the same world-class performance. The M-series readers can be configured to support several modes of operation. Device installation and operation is simple and easy. Once connected, high-quality 500 dpi images or templates can be swiftly and consistently delivered to the host PC or controller. Both enrollment and user authentication can be done on the very same device.

Because of the highly integrated design and advanced architecture, both the speed and accuracy of this device is unmatched in the industry today. Mercury data capture is incredibly fast and accurate. In most cases a simple "tap" of the finger is sufficient to securely authenticate a user and ensure biometric accuracy.

Features and Benefits

- **Superb Image Quality** - The multispectral imaging technology simultaneously reads the surface and subsurface to capture clear, clean images every time - even when surface features are absent or hard to distinguish due to age, dirt, finger pressure, and skin or environmental conditions.
- **Spoof detection** - Eliminate performance problems associated with conventional fingerprint sensors. M-Series sensors protect against fake and spoof fingerprints by capturing detailed surface and deep tissue data.
- **Ease of Integration** - M-Series sensors are small, lightweight, and are equipped with multiple communication interfaces that integrate easily with existing systems. Designed for this ease of integration, Lumidigm sensors rise to the top with accurate, high-quality images and solve your performance problems.
- **Fast and Reliable** - Convenient, lightning-fast and easy to use, the M-Series sensors authenticate on the first try, no matter who you are.

For any biometric scanner to capture and/or match, biometric software is mandatory - and does not ship with the scanner. Please contact sales@fulcrumbiometrics.com or call +1 (210) 257-5615 #1 to ensure you are compiling the best solution for your needs.

www.fulcrumbiometrics.com

Technical Specifications

Physical	Operating Temperature: 0°C ~ 60°C Operating Humidity: 0-95% condensing USB 2.0
Fingerprint Sensor	Image Resolution: 500 DPI Image Size: 300 x 400 pixels Platen Size: 17.4 x 13.9 mm ellipse Image Grayscale: 256 levels (8-bit)
PC Requirements	Windows 7 or better
Certifications	FCC Part 15 Class B, CE, EN 60950, IEC 62471, RoHS
Standards/Compliance	ANSI 378, ISO 19794-2:2005, ANSI 381, ISO 19794-4:2005, NFIQ compliant, MIXEX-certified algorithm
Compatibility	Fulcrum Biometric Framework (FbF®), VeriFinger SDK, MegaMatcher SDK

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