

HID Lumidigm® M-Series Fingerprint Readers

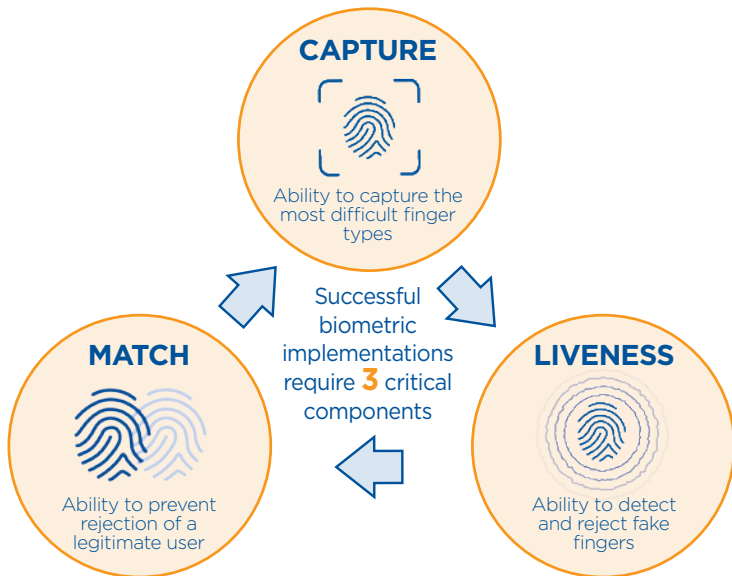
APPLICATIONS:

- Physical Access Control
- Time and Attendance
- Self Service Kiosk
- Single Sign-On
- Mobile Authentication
- Point of Sale
- Know Your Customer

SUPERIOR PERFORMANCE IN A COMPACT SIZE

- **Deliver a Superior User Experience** – Patented MSI technology ensures every user no matter the quality of their fingerprint (extra dry, wet, oily, dirty, aged and damaged) is properly enrolled and quickly matched
- **Reduce Financial Losses** – HID market leading liveness detection accurately and consistently identifies and rejects fake finger attempts
- **Increase User Throughput** – The capture of surface and subsurface fingerprint data significantly reduces false rejections for faster user throughput

Patented HID multispectral imaging (MSI) technology in a compact footprint. Multispectral imaging captures surface and subsurface biometric details enabling you to deliver a superior user experience without sacrificing security. The cost effective M-Series is available in a USB desktop version and an OEM module for integration into a variety of devices.



HID patented multispectral imaging (MSI) technology delivers market leading Capture, Liveness and Match functionality. Ensuring a successful biometric implementation and superior user experience.

[Click here to learn more about Capture, Liveness, and Match!](#)

SPECIFICATIONS



M210



M211

FINGERPRINT IMAGING SYSTEM	
Technology	Patented Lumidigm® Multispectral Imaging (MSI)
Output image resolution / bit depth	500 dpi / 8-bit, 256 grayscale
Platen area	0.55" x .69" (13.9mm x 17.4mm) rectangle, uncoated chemical resistant glass (no coatings to wear out)
BIOMETRIC FUNCTIONS	
Image output format	Uncompressed or WSQ compressed images (FBI Certified)
Template output format	ANSI 378 and ISO 19794-2 compliant (MINEX III certified)
Presentation Attack Detection (PAD)	ISO/IEC 30107-3, Level 1 Presentation Attack Detection (PAD) certified Patented Multispectral Imaging (MSI) Live Finger Detection (LFD)
Latent protection	User Configurable
BIOMETRIC PERFORMANCE	
Finger Detection to Image Out	1 sec. Embedded ARM (typical) 0.35 sec. Windows Host (typical)
ENVIRONMENTAL RANGE	
Temperature (operating, with enclosure)	-10C to 60C
Humidity (operating, with enclosure)	0 - 95% RH
ESD Immunity	IEC 61000-4-2 level 4 (+/-15kV air discharge, 8kV contact discharge)
INTERFACE	
USB	USB 2.0 high speed (480 Mbps), Micro USB connector USB 2.0 high speed (480 Mbps), 1m USB cable
Operating systems supported	Windows 10 (64-bit), Android (Lollipop and newer)
FORM FACTOR & DURABILITY	
Overall dimensions	1.44"W x 1.62"D x 1.54"H (36.8mm x 41.3mm x 39.3mm) 1.85"W x 3.02"D x 2.06"H (47.1mm x 76.8mm x 52.5mm)
Enclosure	ABS Plastic
POWER SUPPLY REQUIREMENTS	
Supply current — operational	+5 VDC, 275 mA Operational (peak)
Supply current — idle	+5 VDC, 125 mA Idle (typical)
STANDARDS COMPLIANCE	
Interoperability	ANSI 378, ISO 19794-2, ISO/IEC 19784-1, MINEX III-certified algorithm, WHQL Drivers
Device certifications	CE, FCC, CB, UL
Environmental	REACH, RoHS, WEEE
Ingress	Ingress at platen IP65 IP50, ingress at platen IP65
Other	Australia/New Zealand, Mexico, South Africa

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