

HID Lumidigm® M-Series Fingerprint Readers

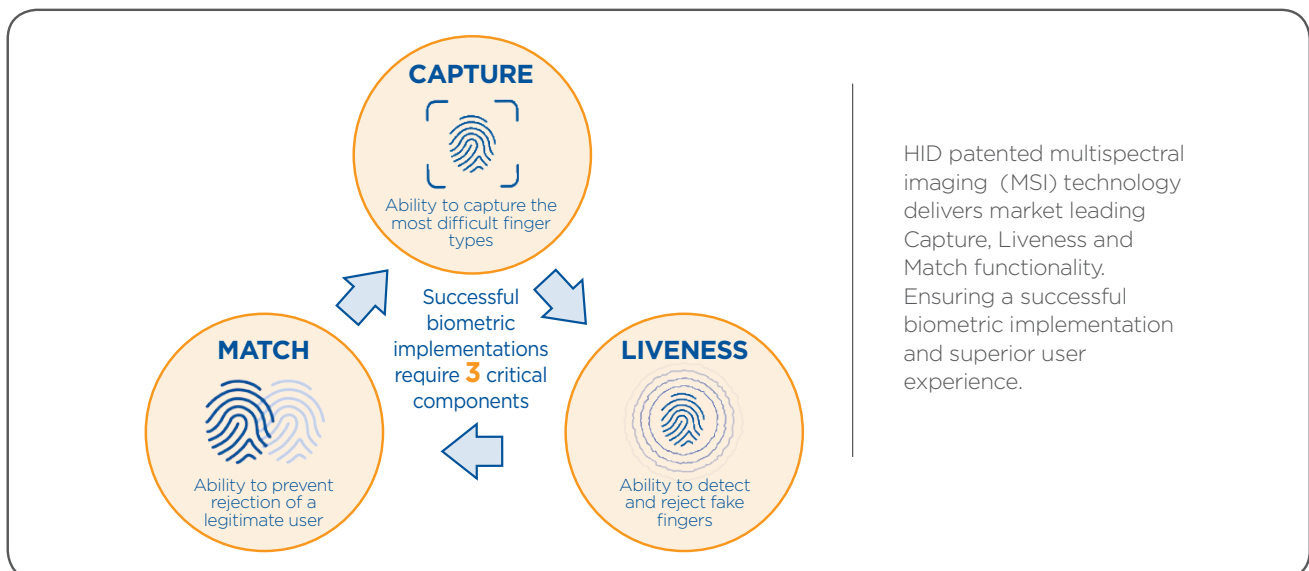
APPLICATIONS:

- 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.



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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