

## HID Lumidigm® M-Series Fingerprint Readers

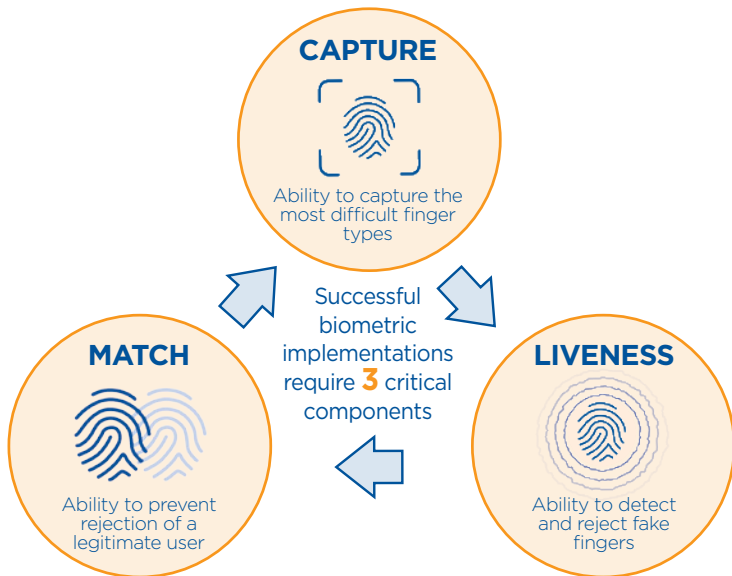
### APPLICATIONS:

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

For more information, please [click here](#).

North America: +1 512 776 9000  
Toll Free: +1 800 237 7769  
Europe, Middle East, Africa:  
+44 1440 714 850  
Asia Pacific: +852 3160 9800  
Latin America: +52 55 9171 1108

© 2021 HID Global Corporation/ASSA ABLOY AB. All rights reserved. HID, HID Global, the HID Blue Brick logo, the Chain Design and Lumidigm are trademarks or registered trademarks of HID Global or its licensor(s)/supplier(s) in the US and other countries and may not be used without permission. All other trademarks, service marks, and product or service names are trademarks or registered trademarks of their respective owners.

2021-01-15-eat-lumidigm-m-series-readers-ds-en PLT-04470