

# Lumidigm V-Series Module

## Multispectral Fingerprint Module



### Description

Lumidigm V-Series fingerprint modules unleash an individual's subsurface fingerprint to increase biometric performance and make your application more secure and reliable. The V-Series returns superior images on anyone, anytime, in any environment.

V-Series fingerprint modules will enhance the throughput and accuracy of any application. High-quality images are captured by Lumidigm modules even when fingerprint ridges are hard to distinguish due to genetics, age, dirt, finger placement, or environmental conditions. The V-Series modules are small and lightweight, making them easy to integrate with existing systems. Multiple modes of operation and communication interfaces are available in the V-Series.

Image, template or score are available as outputs. Designed for easy integration into any system, V-Series modules rise to the top with accurate, high-quality images and solve your performance problems, anytime, anywhere.



---

### Features and Benefits

- Meets high-performance challenges
- Designed for easy integration
- Compact design
- State-of-the-art liveness detection technology adaptable against future spoof threats
- Requires minimal maintenance
- Enables high throughput
- Eliminates failure to enroll (FTE) and failure to acquire (FTA) headaches
- Patented multispectral imaging technique looks both at and beneath the skin surface, simultaneously

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](mailto:sales@fulcrumbiometrics.com) or call +1 (210) 257-5615 #1 to ensure you are compiling the best solution for your needs.

## 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: 0.7" x 1.1" ellipse Image Grayscale: 256 levels (8-bit)
PC Requirements	Windows 7 or better, Linux, Android
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	<u>Fulcrum Biometric Framework (FbF®)</u> , VeriFinger SDK, MegaMatcher SDK

### Fulcrum Biometrics, Inc. (USA)

16108 University Oak  
San Antonio, Texas 78249  
Office: 210-257-5615  
Fax: 210-257-5769  
[www.fulcrumbiometrics.com](http://www.fulcrumbiometrics.com)



### Fulcrum Biometrics (INDIA)

802, Udyog Vihar, Phase - V  
Gurgaon - Haryana, INDIA 122016  
Office: +91-124-4145414

[www.fulcrumbiometrics.com](http://www.fulcrumbiometrics.com)