BIOMETRIC SOLUTIONS





Benefits

- The industry's best fingerprint images
- Meets high-performance challenges
- Designed for easy integration
- Superior liveness detection protects against fake and spoof fingerprints
- Eliminates failure to enroll (FTE) and failure to acquire (FTA) headaches
- Enables high throughput
- Requires minimal maintenance
- Yields a high return on investment for integrators and end-users

Features

- Patented multispectral imaging technique looks at and beneath the skin surface, simultaneously
- Flexible, powerful device outputs
 Image
 Template
 Match score
- Compact design
- State-of-the-art liveness detection technology adaptable against future spoof threats
- Expansive operating range
 -10 to 60°C, wet or dry
- 500 dpi

Offering unparalleled performance, integration options, and industry-leading liveness detection... in any setting!

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.

Superior performance

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. Lumidigm V-Series modules can easily enroll and verify ALL people! The V-Series modules greatly reduce management hassles along with end-user frustration.

Flexible integration

The V-Series modules are small and lightweight and easily integrated 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.

Superior liveness detection

Eliminate performance problems associated with conventional fingerprint sensors. V-Series modules protect against fake and spoof fingerprints by capturing fingerprint data from the surface and subsurface of the finger. Using the industry's best liveness detection technology, we provide the most secure and accurate sensors available.

hidglobal.com



Operating systems supported Windows 7 / 7 Embedded (32/64-bit), Windows XP / XP Embedded Linux Windows XP / XP Embedded Linux (Intel 32-bit and 64-bit) Android Mindows XP / XP Embedded Linux (Intel 32-bit and 64-bit)		V30x Modules	V31x Modules
Image resolution / bit depth 500 dbi / 8-bit, 256 grayscale Platen area 0.7" x 11" ellipse Image out ANSI 331 compliant Template out ANSI 378 compliant Score or verification (1:0) Requires ANSI 378 template input Latent detection Included Latent detection Included Latent protection Included Latent protection Up to 1000 Up to 1000 users per group, unlimited groups Inger placement to image 1.3 sec. (typical) 900 ms - 1 sec (typical) Finger placement to image 1.3 sec. (typical) 900 ms - 1 sec (typical) Finger placement to image 1.3 sec. (typical) 900 ms - 1 sec (typical) Pinger placement to image 1.3 sec. (typical) 900 ms - 1 sec (typical) Pinger placement to image 1.3 sec. (typical) 900 ms - 1 sec (typical) DePEATING WITH ENCLOSHE Verification of a heater Humidity OPERATING WITH ENCLOSHE 0.0 50°C N/a Operating system supported Vindows R / 2 Bribadded (22/4-bbit) Windows X / 2 Bribadded (22/4-bbit) Operating system supported Vindows R / 2 B		IMAGIN	G SYSTEM
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INTERFACE USB 2.0 480 Mbps high-speed RS-232 115.2 Kbps n/a Windows 8 / 8 Embedded (32/64-bit) Windows 7 / 7 Embedded (32/64-bit) Portaction Encryption n/a Encrypted video for privacy/playbacl protection Overall dimensions 2.68"W x 2.61"D x 2.02"H (6.8 cm x 6.6 cm x 5.1 cm) Housing Polycarbonate plastic, glass fiber reinforced; platen area is IP65 Supply current – operational +5 VDC 500 mA (peak) +5 VDC 100 mA (typical) Supply current – idle +5 VDC 100 mA (typical) +5 VDC 100 mA (t	Humidity	0–95% RH non-condensing	
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Interoperability ANSI 378, ISO 19794-2:2005, ANSI 381, ISO 19794-4:2005, NFIQ compliant, MINEX-certified algorithm Device certifications CE, FCC Part 15 Class B, EN 60950, IEC 62471, RoHS, DEA EPCS, Certified support for thin clients Interface USB 1.1 or RS-232 High-speed USB 2.0 (480 Mbps) Memory n/a 64 MB free RAM	Supply current — idle	+5 VDC 100 mA (typical)	+5 VDC 100 mA (typical)
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Interface USB 1.1 or RS-232 High-speed USB 2.0 (480 Mbps) Memory n/a 64 MB free RAM	Device certifications		
Memory n/a 64 MB free RAM	MINIMUM SYSTEM REQUIREMENTS		
	Interface	USB 1.1 or RS-232	High-speed USB 2.0 (480 Mbps)
Operating system n/a Supported OS required	Memory	n/a	64 MB free RAM
	Operating system	n/a	Supported OS required



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