

# Biometric Fingerprint Reader

L-1 Identity Solutions delivers the next generation of the Bioscrypt V-Flex fingerprint reader - built on the new 4G technology platform that transforms an access control device into a flexible and smart security appliance through improved performance, usability and scalability.

The V-Flex 4G is equipped with state-of-the-art biometric and multi-factor authentication, powerful on-board processing for rapid and accurate authentication, sophisticated storage, extensible memory. V-Flex 4G combines reliability and performance with new advanced features to deliver a smart security appliance with built-in flexibility to help secure any size premises.

The new V-Flex 4G incorporates innovative and powerful capabilities and is ready for future expansion as the security industry continues to evolve. Invest in the most advanced biometric device today that is future-ready for tomorrow's organisational growth and security industry advancements.

## Features:

- Large Template Storage Capacity (10,000 in 1:N; 100,000 in 1:1)
- Single- or Two-Factor Authentication;
- Optional Integrated Card Reader (Prox, iClass or MIFARE/DESFire)
- Range of 500 DPI Sensor Options
- Field Replaceable Sensors
- Backwards Compatible
- Remote Device Management
- IP Connectivity (LAN, WAN, POE)
- Easy Administration
- Flush or Recess Mounted
- Standalone Door Access Control (SDAC) Capabilities



Recess Mounted



Range of 500 dpi Sensor Options

## Model Configurations:

V-Flex 4G (Base)	V- Flex 4G (Prox)	V-Flex 4G (Smart)
Single-Factor Fingerprint Authentication	Integrated Prox Card Reader • Card +Finger • Finger Only	Integrated Smart Card Reader • Finger + Contactless Smart Cards

# Biometric Fingerprint Reader : Spec

<b>Dimensions</b>	Recessed Mounted: Length 6.27" (159 mm) Width 3.8" (96 mm) Depth 1.89" (48 mm)	Flushed Mounted: Length 6.27" (159 mm) Width 3.8" (96 mm) Depth 2.56" (65 mm)
<b>Communications</b>	Networking Options: LAN, WAN, RS485	
<b>External Media</b>	PC Connection: USB, RS232	
<b>Input / Outputs</b>	USB memory	
<b>Input / Outputs</b>	Wiegand (Customizable format up to 254 bits)	
	<ul style="list-style-type: none"> <li>• 3 General Purpose Inputs</li> <li>• 3 General Purpose Outputs (Extendable to 6 outputs)</li> </ul>	
<b>Fingerprint Sensor Options</b>	Secugen Optical, UPEK TCS1, UPEK TCS2 (all 500 dpi)	
<b>Internal Card Reader Options</b>	V-Flex 4G (Prox) – integrated reader for proximity cards	
	V-Flex 4G (Smart) – Integrated card reader for iClass or MIFARE/DESfire cards	
<b>Template Storage Capacity</b>	V-Flex 4G (Base) – Store 10,000 templates for 1:N identification or 100,000 templates for 1:1 verification with an external reader	
	V-Flex 4G (Prox) – Store 100,000 templates for 1:1 verification or 10,000 templates for 1:N identification	
	V-Flex 4G (Smart) – Template on-card capability provides limitless user base expansion	
<b>Transaction Log Capacity</b>	1 Million transaction logs stored on device	
<b>Authentication Modes</b>	V-Flex 4G (Base)	
	<ul style="list-style-type: none"> <li>• Finger-only single-factor authentication</li> <li>• Card or PIN + Finger (with an external reader)</li> </ul>	
	V-Flex 4G (Prox)	
	<ul style="list-style-type: none"> <li>• Prox Card + Finger</li> <li>• Prox Card Only</li> <li>• Finger Only</li> </ul>	
	V-Flex 4G (Smart Card)	
	<ul style="list-style-type: none"> <li>• Smart Card + Finger</li> </ul>	
<b>Template Support</b>	Bioscrypt Pattern and Minutia	
<b>Power over Ethernet (POE)</b>	Standard	
<b>Voltage</b>	12 - 24V DC	
<b>Current Draw</b>	500 mA, 0.5 amps @ 12 VDC	
<b>Power Indicator</b>	LED indicator (Blue)	
<b>Integrated Door Relay</b>	Deadbolt, electromagnetic (EM) lock, door strike, automatic door	
<b>Mounting</b>	Recessed or Flush mount with "Quick Tilt" design & field replaceable sensors for easy maintenance	
<b>Operating Temperature</b>	32° - 140°F (0° - 60°C)	
<b>Approvals and Certifications</b>	FCC, CE , R&TTE, RoHS	
<b>Administration Software Options</b>	Works with SecureAdmin software or SecureSDK	