L-1 IDENTITY SOLUTIONS™

BIOSCRYPT
ENTERPRISE ACCESS SOLUTIONS

4G V-Flex WR™

Features at a glance

- IP 65 Rated for Outdoor Enviroments

- Built in Hood and Specialized Components for Weather Resistant Protection

- Large Template Storage Capacity (10,000 in 1:N; 500,000 in 1:1)

- Optional Integrated Card Readers (Prox, iClass or MIFARE/DESFire)

- Backwards Compatible

- Remote Device Management

- IP Connectivity (LAN, WAN, POE)

- Easy Administration with SecureAdmin™

- Flush or Recess Mounted

- Standalone Door Access Control (SDAC) Capabilities

Ideal Deployment Locations

- Temperature range between -5°F to 140°F (-20°C to 60°C).

- The device is sealed and designed to withstand water, however for optimal biometric performance the sensor and finger should be dry.

- For convenience, install in an outdoor area that offers some degree of protection from direct elements, such as under a building overhang. (see image at top)

If you require a device that offers additional outdoor capabilities please see our 4G V-Station Extreme™ device.

Power and Flexibility in a Weather Resistant Compact Design

Not every solution requires extreme weather performance. When you need a compact device for use in moderate outdoor climates with powerful biometric capabilities, the V-Flex 4G WR is the right solution for you. The Weather Resistant (WR) models have specialized components and a built in hood that offers protection against certain outdoor elements.

Prepare for the Demands of Today and the Future with a Scalable Platform
Quick throughput, deployment flexibility, and the ability for the system to expand over time address today's demands and are drivers for future requirements.
- Ensure employees gain fast access with over 6,000 templates searched per second.
- Accommodate enterprise installs with storage of 500,000 templates for 1:1 verification.
- Eliminate the need for cards and PINs - store 10,000 templates for 1:N.

Meet Challenging Security Requirements
A full range of options are available for different security requirements.
- Remove install constraints with configurable options for multi-factor authentication.
- Reduce cost and complexity with built-in door relay and controls.
- Add safety and security measures for employees with the duress finger option.

Reduce Maintenance Costs
Save time and drive down the cost of ownership with a communication-ready connected smart device, containing new installation and maintenance capabilities.
- Leverage the latest communication standards - Full Ethernet, POE, RS485.
- Take full advantage of IP connectivity for remote device management.

Leverage Existing Infrastructure
Backwards compatible and purpose built to work with security industry technologies.
- Eliminate the need for re-enrollment with support for Bioscrypt legacy template formats.
- Leverage existing Bioscrypt integrated systems - works with existing BioSDK integrations with PAC partner applications.

4G V-Flex WR ™
Product Specifications

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Dimensions	**Recessed Mounted:** Height 7.52" (191 mm) Width 4.15" (105 mm) Depth 1.89" (48 mm) **Flushed Mounted:** Height 7.52" (191 mm) Width 4.15" (105 mm) Depth 2.56" (65 mm)
Communications	Networking Options: LAN, WAN, RS485 PC Connection: USB, RS232
External Media	USB memory
Input / Outputs	Wiegand (Customizable format up to 512 bits) 3 General Purpose Inputs 3 General Purpose Outputs (Extendable to 6 outputs)
Fingerprint Sensor	Secugen Optical (500 dpi)
Internal Card Reader Options	V-Flex 4G (Prox) – integrated reader for proximity cards V-Flex 4G (Smart) – Integrated card reader for iClass or MIFARE/DESfire cards
Template Storage Capacity	500,000 per unit for 1:1 verification 10,000 per unit in 1:N identification (Standard)
Transaction Log Capacity	1 Million transaction logs stored on device
Authentication Modes	**4G V-Flex WR (Base)** • Finger-only single-factor authentication • Card or PIN + Finger (with an external reader) **4G V-Flex WR (Prox)** • Prox Card + Finger • Prox Card Only • Finger Only **4G V-Flex WR (Smart Card)** • Smart Card + Finger • Smart Card + Finger + PIN • Card Only • Finger Only
Template Support	Bioscrypt Pattern and Minutia
Power over Ethernet (POE)	Standard
Voltage	12 - 24V DC
Current Draw	500 mA, 0.5 amps @ 12 VDC
Power Indicator	LED indicator (Blue)
Integrated Door Relay	Deadbolt, electromagnetic (EM) lock, door strike, automatic door
Mounting	Recessed or Flush mount
Operating Temperature	-5° - 140°F (-20° - 60°C)
Regulatory Approvals and Certifications	FCC, CE , R&TTE, RoHS
Administration Software Options	Works with SecureAdmin™ software or SecureSDK™

Device Models

	4G V-Flex WR (Base)	4G V-Flex WR (Prox)	4G V-Flex WR (iClass)	4G V-Flex WR (MiFare/DESFire)
Secugen Optical Sensor	XFXS	XFXSP	XFXSH	XFXSG

vFXWR.01.03.10

Call or email us to Schedule an appointment today for a solution overview and demo.

About L-1 Identity Solutions Enterprise Access Division

With over 350,000 readers deployed in over 90 countries, the Enterprise Access Division of L-1 protects and secures identities and assets by helping customers address demanding access control and identity authentication requirements with innovative and reliable systems.

Our Advantage:

• One of the most established companies that specialize in biometric access control solutions.

• Market-tested and customer proven solutions that are interoperable, and designed to grow with you.

• Knowledgeable technical support team ready to help answer your questions and get you up and running.

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