



BIOSCRYPT
ENTERPRISE ACCESS SOLUTIONS



4G V-Flex WR™

Features at a glance

- Built in Hood and Specialized Components for Weather Resistant Protection
- Large Template Storage Capacity (10,000 in 1:N; 100,000 in 1:1)
- Optional Integrated Card Readers (Prox, iClass or MIFARE/DESFire)
- Range of 500 DPI Sensor Options
- 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 32°F to 140°F (0°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 100,000 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

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	UPEK TCS1, Secugen Optical (All 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	100,000 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) <ul style="list-style-type: none"> Finger-only single-factor authentication Card or PIN + Finger (with an external reader) 4G V-Flex WR (Prox) <ul style="list-style-type: none"> Prox Card + Finger Prox Card Only Finger Only 4G V-Flex WR (Smart Card) <ul style="list-style-type: none"> Smart Card + Finger 	
Template Support	Bioscrypt Pattern and Minutia	
Power over Ethernet (POE)	Standard	
Display	2.5" QVGA Color LCD	
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	32° - 140°F (0° - 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) Integrated Prox Card Reader

4G V-Flex WR (iClass) Integrated Contactless Smart Card Reader

4G V-Flex WR (MIFARE / DESFire)

Integrated Contactless Smart Card Reader

Device Options

Secugen Optical or UPEK TCS1 Sensor

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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Call or email us to [Schedule](#) an appointment today for a solution overview and demo.