



Product Data Sheet

4GFXLS

V-FLEX™ 4G / V-Flex 4G / Secugen Optical

4G Technology

The next generation of the Bioscrypt V-Flex fingerprint reader is 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.

State-of-the art biometric authentication

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 organizational growth and security industry advancements.

V-Flex 4G Lite (Base)

Single-factor Fingerprint Authentication
Experience the ultimate in convenience. Eliminate the need for PINs or cards to gain access to secure areas. Reduce administrative and human resource costs while quickly providing employees with access to restricted areas – it is as simple as the touch of a finger.

- Single-factor authentication using just your finger
- Store 5,000 templates for 1:N identification or 25,000 templates for 1:1 verification with an external reader



Standard Features

- Authentication options (Finger only or Finger +Prox, iCLASS, MIFARE, DESFire)
- Template storage capacity (5,000 in 1:N; 25,000 in 1:1)
- Optional Integrated Card Reader (Prox or MIFARE/DESFire)
- 500 DPI Sensor Options
- IP connectivity
- Easy administration with SecureAdmin™ Lite
- Standalone Door Access Control (SDAC) Capabilities
- IP 65 rated allowing for indoor & outdoor capabilities

4GFXLS

V-FLEX™ 4G / V-Flex 4G / Secugen Optical

Specifications

Dimensions	
Length	172mm (6.7")
Width	52mm (2.05")
Depth	51mm (2.0")
Communications	
Networking Options	LAN TCP/IP and RS485
PC Connection:	USB
Input/Outputs	
	Wiegand (Customizable format up to 512 bit)
	2 general purpose inputs (REX, Door Contact)
	1 Form C Relay Output / 1 General Purpose Output
Integrated Door Relay	
Details	30 VDC at 1A Deadbolt, electromagnetic lock, doorstrike, automatic door
Internal Card Reader	
V-Flex 4G(Prox)	Integrated Reader for proximity Cards
V-Flex 4G(Smart)	Integrated Reader for Mifare/DESFire cards
Template Storage Capacity	
	5,000 for 1:N identification
	25,000 for 1:1 verification with an external reader
Transaction Log Capacity	100,000 transaction logs stored on device
Authentication Modes	
	Finger-only single-factor authentication
	Prox Card + Finger (internal reader)
	Smart Card + Finger (internal reader - iClass, Mifare, DESFire)
Internal Card Reader Options	
	Prox or iClass, MIFARE, DESFire
Audio	Supports .wav custom files
Current Draw	500 mA, 0.5 amps @ 12 VDC
Operating Temperature	-20° - 65°C (-5° - 150°F) / IP65
Approvals and Certifications	FCC, CE, R&TTE, RoHS
Administration Software Options	Works with Secure Admin Lite Software

Ordering Information

Part No.	Description
4GFXLS	V-FLEX 4G / Base Model / Optical Secugen Sensor
4GFXLSP	V-FLEX 4G / Base Model / Optical Secugen Sensor / HID PROX (S, P)
4GFXLSO	V-FLEX 4G / Base Model / Optical Secugen Sensor / iClass - Mifare - DESFire (S, O)

V-Flex 4G Lite (Prox)

Two-factor Authentication Combining Fingerprint and Proximity Cards
Eliminate any concerns about stolen, loaned or compromised proximity cards. Match an employee's fingerprint with an enrolled template that is linked to a proximity card in order to confirm the identity of the card holder.

- Integrated prox card reader
- Two-factor authentication – Who You Are (biometric) used with What You Have (card)
- Store 25,000 templates for 1:1 verification or 5,000 templates for 1:N identification

V-Flex 4G Lite (Smart)

Two-factor Authentication Combining Fingerprint and Contactless Smart Cards
Address privacy concerns by giving employees the ability to control their own biometric template. Employees have the security – and peace of mind – of carrying their fingerprint templates with them.

- Integrated card reader MIFARE or DESfire cards
- Two-factor authentication – Who You Are (biometric) used with What You Have (smart card)
- 1:1 Verification; template on-card capability provides limitless user base expansion

