UTC Fire & Security
A United Technologies Company

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

4GFXS

L-1 Identity Solutions delivers the next generation of the Bioscrypt V-Flex fingerprint reader - built on our 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 organizational growth and security industry advancements.

Specifications

Dimensions	
Recessed Mounted:	
Length	159mm (6.27")
Width	96mm (3.8")
Depth	48mm (1.89")
Flushed Mounted:	
Length	159 mm (6.27")
Width	96 mm (3.8")
Depth	65 mm(2.56")
Communications	
Networking Options	LAN, WAN, RS485
PC Connection:	USB, RS232
External Media	USB Memory
Input/Outputs	
	Wiegand (Customizable format up to 254 bit)
	3 general purpose inputs
	3 general purpose outputs (Extendable to 6 outputs)
Fingerprint Sensor Options	
Standard	Secugen Optical (all 500 dpi)
(On Demand)	UPEC TCS1, UPTEK TCS2
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	
V-Flex 4G (Base)	10,000 for 1:N identification
	or 100,000 for 1:1 verification with an external reader
V-Flex 4G (Prox)	100,000 for 1:1 verification or 10,000 for 1:N identification
V-Flex 4G (Smart)	Template on-card capability provides limitless user base expansion
Transaction Log Capacity	1 Million transaction logs stored on device
Authentication Modes	
V-Flex 4G (Base)	Finger-only single-factor authentication
	Card or PIN + Finger (with an external reader)
V-Flex 4G (Prox)	Prox Card + Finger
	Prox Card Only
	Finger Only
V-Flex 4G (Smart Card)	Smart Card + Finger
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 mount
	Flush mount with "Quick Tilt" design
Operating Temperature	0° - 60°C (32° - 140°F)
Approvals and Certifications	FCC, CE , R&TTE, RoHS
Administration Software Options	Works with Secure Admin Software

Ordering Information

4GFXS	V-FLEX 4G / V-Flex 4G / Secugen Optical
4GFXSP	V-FLEX 4G / V-Flex 4G Prox / Optical Secugen Sensor
4GFXSG	V-FLEX 4G / V-Flex 4G MIFARE/DESfire / Optical Secugen Sensor

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