

GV-GF1911/GF1912 GF Fingerprint Reader





The GV-GF Fingerprint Reader works with GV-AS / GV-EV Controller and GV-ASManager to create a complete access control system. With the GV-GF Fingerprint Reader only, you can also enroll and manage users through the supplied Manager Enroll Card and Delete Card, along with optional MIFARE user cards.

KEY FEATURES

- Work with GV-AS / GV-EV Controller and GV-ASManager
- Three types of access modes: card only, fingerprint only and card plus fingerprint
- Fingerprint templates stored on the user card
- Three types of communication interfaces for connecting with GV-AS Controller: Wiegand 26, RS-485 and TCP/IP (LAN)
- GV-GF1911: Enroll fingerprints through RS-485 or USB connection with GV-ASManager (Fingerprint Only Mode)

SPECIFICATIONS

Models	GV-GF1911	GV-GF1912
		
Hardware		
Application	Indoor use only	
Sensor	Capacitive	Optical
Sensing Area (H x W)	18 x 13 mm (0.71 x 0.51 in)	20 x 17 mm (0.79 x 0.67 in)
Output Interface	DC 24V, 2.5A	
Input Interface	No	
Communication Interface	Wiegand 26, RS-485, TCP/IP (LAN)	
Supported Card	ISO14443A (MIFARE DESFire, MIFARE Plus and MIFARE Classic), 13.56 MHz	
Function		
Operation Mode	Fingerprint Only (N/A for Wiegand) Card + Fingerprint Card Only	
Fingerprint Enrollment	(Fingerprint Only Mode)	RS-485*, USB
	(Fingerprint + Card Mode)	Not supported
Firmware Upgrade	RS-485, TCP/IP	
Number of Fingerprints Stored	1,900 (for Fingerprint Only mode)	
Standalone Function	No	

General		
Operating Temperature	0 ~ 50° C (32 ~ 122° F)	
Humidity	10% ~ 90% (no condensation)	
Power	DC 7.5V ~ 12V, Max 250mA	
Dimensions (H x W x D)	130 x 54 x 43 mm / 5.12 x 2.13 x 1.69 in	130 x 54 x 38 mm / 5.12 x 2.13 x 1.50 in
Weight	130 g (0.29 lb)	160 g (0.35 lb)
Certification	CE, FCC	

Note:

- The support for RS-485 connection has ended with GV-GF1911 / 1912 from GV-AS21 / 41 / 81 series Controller firmware V1.41 and GV-ASManager V4.4.3.
- For GV-GF1911, an optionally purchased PC Service Package, which includes a USB cable, is required to work with the Fingerprint Only Mode.
- RS485 and TCP/IP interfaces only support GeoVision controllers, while Wiegand interface supports both GeoVision and 3rd party controllers (Wiegand 26 Bits).
- For Card + Fingerprint Mode and Card Only Mode, it is required to purchase [GeoVision's cards and key fobs](#) to work with.
- Data synchronization with GV-AS Controller and GV-ASManager through LAN is only supported firmware version and software version work together:
 - * GV-ASManager: V4.0 or later
 - * GV-AS100 / 110 / 120: V1.06 or later
 - * GV-AS210 / 810: V1.0 or later
 - * GV-AS410: V1.1 or later
 - * GV-AS2110 / 4110 / 8110: V1.23 or later
- All specifications are subject to change without prior notice.

Options

GV-AS ID Card & GV-AS ID Key Fob	For Card + Fingerprint Mode, the GV-AS ID F Card or GV-AS ID F Key Fob is required. For Card Only Mode, both the GV-AS ID F Card / Key Fob and the GV-AS ID Card / Key Fob are supported.
GV-HUB V2	The GV-Hub V2 adds four RS-232/RS-485 serial ports through the computer's USB port, allowing connection between the fingerprint reader and the computer.
GV-COM V2	The GV-COM V2 can convert the standard RS-232 signal, through USB connector, to RS-485 signal, allowing connection between the fingerprint reader and the computer.
GV-COM V3	The GV-COM V3 can convert the standard RS-232 signal, through USB connector, to RS-485 signal, allowing connection between the fingerprint reader and the computer.
GV-NET/IO Card	The GV-NET/IO Card is a RS-485 / RS-232 interface converter that provides 4 inputs and 4 relay outputs. Using the GV-NET/IO Card, you can connect the fingerprint reader to the computer.
PC Service Package	The package includes a USB cable for connecting the fingerprint reader to a computer and a reader mount to hold the reader for fingerprint enrollment.

Packing List

- Fingerprint reader
- Data Cable (of 100 cm / 3.28 feet)
- Manager Enroll Card
- Manager Delete Card
- Self-Tapping Screw (M3 x 6L) x 2
- Self-Tapping Screw (M4 x 15L) x 3
- Plastic Screw Anchor x 4
- Buzzer Hole Plate
- Security Torx
- Software CD
- Warranty Card