# 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: Wiegand 26, RS-485 and TCP/IP (LAN)

## SPECIFICATIONS

| Models | GV-GF1911 | GV-GF1912 |
|---|---|---|
|  |  |  |
| Application | Indoor use only | |
| Communication Interface | Wiegand 26, RS-485, TCP/IP (LAN) | |
| 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 |
| Operation Mode | Fingerprint Only, Card + Fingerprint, Card Only | |
| Number of Fingerprints Stored | 1,900 (for Fingerprint Only mode) | |
| Supported Card | ISO14443A MIFARE DESFire, MIFARE Plus and MIFARE Classic, 13.56 MHz | |
| Output | DC 24V, 2.5A | |
| Power | DC 7.5V~12V, Max 250mA | |
| Operating Temperature | 0~50° C / 32~122° F | |
| Humidity | 10%~90% | |
| 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:

1.  For Card + Fingerprint Mode and Card Only Mode, it is required to purchase GeoVision's cards and tags to work with.
2.  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-AS400: V1.04 or later
    * GV-AS210 / 810: V1.0 or later
    * GV-AS410: V1.1 or later
3.  All specifications are subject to change without prior notice.

## Options

| | |
|---|---|
| GV-AS ID Card & GV-AS ID Tag | For Card + Fingerprint Mode, the GV-AS ID F Card or GV-AS ID F Tag is required. For Card Only Mode, both the GV-AS ID F Card / Tag and the GV-AS ID Card / Tag 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-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. |