







Comparison Chart for GV-GF Fingerprint Reader

Models	GV-GF1911	GV-GF1912	GV-GF1921	GV-GF1922
				
Hardware				
Application	Indoor use only			
Sensor	Capacitive	Optical	Capacitive	Optical
Sensor Area (H x W)	18 x 13 mm / 0.71 x 0.51 in	20 x 17 mm / 0.79 x 0.67 in	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		DC 30V, 0.3A	
Input Interface	No		2 Ports, dry-contact	
Communication Interface	Wiegand 26 RS-485 TCP/IP (LAN)		TCP/IP (LAN / WAN)	
Supported Card	ISO14443A (MIFARE DESFire, MIFARE Plus and MIFARE Classic), 13.56 MHz			
Function				
Operation Mode	Fingerprint Only (N/A for Wiegand) Fingerprint + Card Card Only		Fingerprint Only Fingerprint + Card Card Only	
Fingerprint Enrollment	(Fingerprint Only Mode)	RS-485* USB	Not supported	TCP/IP
	(Fingerprint + Card Mode)	RS-485* TCP/IP		TCP/IP
Firmware Upgrade	RS-485 TCP/IP		TCP/IP	
Number of Fingerprints Stored	1900 (for Fingerprint Only mode)			
Standalone Function	No		Yes (for Fingerprint Only mode)	
General				
Operating Temperature	0°C ~ 50°C / 32 °F ~ 122 °F			
Humidity	10% to 90% (no condensation)			
Power	DC 7.5V ~ 12V, Max 250mA		DC 7 ~ 15V, 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	138 x 59 x 48 mm 5.43 x 2.32 x 1.89 in	
Weight	130 g / 0.29 lb	160 g / 0.35 lb	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.
- All specifications are subject to change without prior notice.