GV-FR2020 Face Recognition Reader

The face recognition reader can work with GV-AS Controller and GV-ASManager for an intuitive, smart access control solution. When integrated with GeoVision controller and software, GV-FR2020 can operate under Face Recognition mode, as well as other modes including Card, Card + Face Recognition and Password + Face Recognition.

KEY FEATURES

- 2.4" TFT color screen, 320 x 240-pixel display
- Special stereo dual sensors (Lens and IR sensor)
- Up to 80 cm (31. 50 in) detection range
- 2,000 face capacity
- ≤ 0.5 second verification speed
- 16-bit Hi-Fi voice and sound indication
- 12V DC, 2 A (only for standalone operation) / PoE+ (IEEE 802.3at)
- Built-in 13.56 MHz Reader
- Work with GV-AS21/41/81 series / AS1620 / CS1320 Controller and GV-ASManager
- Wiegand 26 / Wiegand 34 support for physical connection
- Can work as a standalone reader
- Four access modes for the integration with GeoVision controller and software: Face Recognition mode, Card mode, Card + Face Recognition mode and Password + Face Recognition mode
- Anti-Passback (APB) support
- 3 languages supported (English, Traditional Chinese and Hebrew)
- CE, FCC compliant

SPECIFICATIONS

Hardware	
Application	Indoor use only
LCD Display	2.4" TFT color screen, 320 x 240 pixel
CPU	1G MHz
Ambient Light	0-5000 lux
Image Sensor	Special Stereo Dual Sensors (Lens and IR sensor)
Function	
Detection Range	Up to 80 cm (31. 50 in)
Communication Interface	TCP/IP (LAN) and Wiegand 26/34
Operation Mode	Face Recognition, Card, Password, Face Recognition + Card or Face Recognition + Password
Firmware Upgrade	USB 2.0 with a maximum capacity of 16 GB
Voice Instruction	16-bit Hi-Fi Voice and Sound Indication
RFID Card Supported	13.56 MHz, 26-bit Wiegand card formats (UID only) ISO14443A (MIFARE DESFire, MIFARE Plus and MIFARE Classic)
Number of Faces Stored	2,000 (for Face Recognition mode)
Standalone Function	Yes (for Face Recognition, Card and Password modes)
General	
Language	English, Hebrew, Traditional Chinese
Humidity	20% ~ 80%
Operating Temperature	0 ~ 40° C (32 ~ 104° F)
Power	12V DC, 2 A (only for standalone) / PoE+ (IEEE 802.3at)
PoE Power Supply Type	Mid-span
Digital I/O	1 relay output (30V DC, 3A) for standalone operation only
Dimensions (H x W x D)	147 x 175 x 62 mm (5.79 x 6.89 x 2.44 in)
Weight	0.33 kg (0.73 lb)
Certification	CE, FCC

Note: All specifications are subject to change without prior notice.

Firmware and Software Compatibility

GV-FR2020 supports synchronization with GV-ASManager and GV-AS Controller through the Ethernet that are of the following software and firmware versions:

GV-FR2020	V2.44	V2.73
GV-ASManager	V4.4.2	V5.2.0 or later
GV-AS210 / 2110 / 2120		
GV-AS410 / 4110 / 4111	V1.41	V2.21 or later
GV-AS810 / 8110 / 8111		
GV-AS1620	V1.0	V1.0 or later
GV-CS1320	V1.0	V3.02 or later

Options

GV-AS ID Card & GV-AS ID Key Fob	For Card and/or Card + Face recognition modes, the GV-AS ID Card / Tag is required. 13.56 MHz cards and tags are available.
Power Adapter	Contact our sales representative for the countries and areas supported. Note this is only required for standalone mode.
GV-POE Switch	GV-POE Switch is designed to provide power along with network connection for IP devices. GV-POE Switch is available in various models with different numbers and types of ports. Note GV-FR2020 is only compatible with mid-span PoE power supply, and supports the following GV-POE Switch models only: GV-POE0400-V2, GV-POE0410-E, GV-POE0801, GV-POE0810, GV-POE0812.

Packing List

- Face Recognition Reader
- Mounting Plate
- Standard Screw x 4
- Plastic Screw Anchor x 4
- Security Screw
- Data Cable
- Warranty Card