GV-FR2020 Face Recognition Reader

The face recognition reader can work with GV-AS Controller and GV-ASManager to create a complete access control system. Two types of operation modes are supported: Face Recognition or Card.

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
- 2000 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 Controller and GV-ASManager
- Can work as a standalone reader
- Two (2) access modes for the integration with GeoVision controller and software: Face Recognition mode or Card mode
- Anti-Passback (APB) support
- 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	0-50000 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)
Operation Mode	Face Recognition, Card or Password (Password is for standalone operation only)
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 mode, Card mode, Password mode)
General	
Language	English
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:

1. For data synchronization with GV-AS Controller and GV-ASManager through the Ethernet, it only supports the following controller firmware version and software version:
   * GV-ASManager: V4.4.2 or later
   * GV-AS210 / 2110 / 2120: V1.41 or later
   * GV-AS410 / 4110: V1.41 or later
   * GV-AS810 / 8110: V1.41 or later
2. All specifications are subject to change without prior notice.

Options

GV-AS ID Card & GV-AS ID Key Fob	For Card Mode, the GV-AS ID Card / Tag is required. 13.56 MHz cards and tags are available.
Power Adapter	Contact your sales representative for the countries and areas supported. Note this is only required for standalone mode.
GV-POE Switch	The GV-POE Switch is designed to provide power along with network connection for IP devices. The 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 type. It only supports the following GV-POE Switch models: GV-POE0400, GV-POE0410-E, GV-POE0801, GV-POE0810, GV-POE0811, GV-POE0812.

Packing List

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