

GV-AS1010 IP Controller with Built-in Reader and Time & Attendance Function

Keys



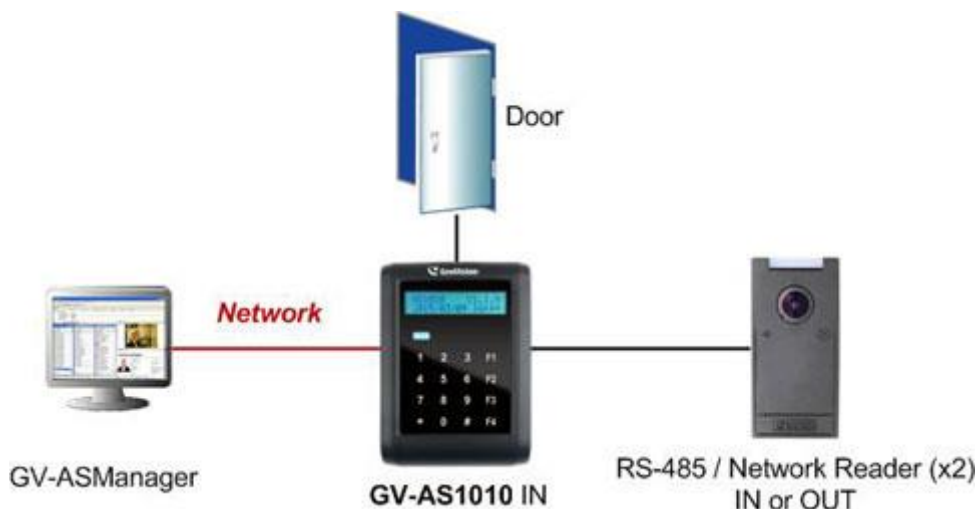
Introduction

GV-AS1010 is a single door controller with one built-in reader and LCD display for access control and time & attendance. For entry and exit control, users can add two extra readers to GV-AS1010. When combined the access control system GV-ASManager, GV-AS1010 can store up to 40,000 cards. GV-AS1010 can be programmed through the keypad or GV-ASManager. GV-AS1010, applicable to doors, parking gates and elevator call buttons, is the ideal solution for your access control and workforce management.

KEY FEATURES

- 1 door (one-way and two-way control)
- 1,000 / 40,000 cards (standalone / networked mode)
- Easy programming from keypad
- Function keys on keypad to register attendance data of work time, overtime, break time or job code
- 3 digital inputs and 2 relay outputs
- 1 RS-485 interface for connecting up to 2 readers
- 1 network interface for GV-ASManager and TCP/IP reader connections
- Built-in 13.56 MHz, ISO 14443A reader
- GeoVision access cards with GID (GeoVision Identifier) support
- Built-in tampering alarm sensor
- Anti-Passback (APB) support

Connection



Function Keys



Employees can use the function keys to record the start or end of Work Time, Away, Overtime, Break Time, or enter a Job Code. The attendance data are accessible in GV-ASManager's time and attendance system (GV-TAWeb).

AS1010 Specifications

| System Requirements | |
|-------------------------|--|
| GV-ASManager Version | GV-ASManager V4.2.3 or later |
| Hardware | |
| CPU | 32-bit ARM7TDMI |
| Number of User Cards | 1,000 / 40,000 cards (standalone / networked mode) |
| Frequency | 13.56 MHz ISO 14443A |
| Event Buffer | 65,536 events and log data |
| Power | 100 ~ 240V AC, 50 ~ 60Hz |
| RS-485 Interface | 1 RS-485 interface for GV-Readers and GV-GF Fingerprint Readers (max. 2 readers) |
| TCP/IP Interface | 1 TCP/IP interface for GV-CR420 and GV-GF1921 / 1922 |
| Communication Protocol | TCP/IP |
| Digital I/O | Input: 3 inputs, dry contact, NO / NC Output: 2 relay outputs (30V DC, 5A; 110V AC ~ 250V AC, 5A) |
| Function Keys on Keypad | Yes |
| Supported ID Format | Built-in reader reading UID and GID |
| Operating Temperature | 0 ~ 65°C / 32 ~ 149°F |
| Operating Humidity | 10% ~ 90% RH (non-condensing) |
| Dimensions (W x H x T) | 96 x 137 x 27 mm / 3.78 x 5.39 x 1.06 in |
| Weight | 250 g / 0.55 lb |
| Ingress Protection | IP54 |
| Certification | CE, FCC, RoHS |

Note:

1. GV-AS1010 does not support 3rd party access control software and 3rd party readers.
2. If you are using third-party cards or key fobs, the reader only supports UID format.
3. Specifications are subject to change without notice.

Options

Optional devices can expand the capabilities and versatilities of your GV-AS Controllers. Consult your sales representative for more information.

| | |
|-----------------------------------|---|
| GV-AS ID Card, Key Fob, Sticker | 13.56 MHz cards, key fobs and stickers are available. |
| GV-Reader 1352 V2 | GV-Reader 1352 V2 is a card reader that uses a 13.56 MHz frequency. It has both Wiegand and RS-485 outputs that can be connected to any standard access control panel. |
| GV-CR420 | GV-CR420 is a card reader with a built-in 4MP wide angle IP camera. The card reader recognizes identification cards and transmits live view through network connection. |
| GV-DFR1352 | GV-DFR1352 is a card reader that uses a 13.56 MHz frequency. The reader has both Wiegand and RS-485 outputs that can be connected to any standard access control panel. |
| GV-GF Fingerprint Reader | GV-GF1921 / 1922 is a fingerprint reader, supporting three operation modes: Fingerprint Only, Fingerprint + Card and Card Only. Readers with optical and capacitance sensors are available. |
| GV-IB25 / 65 / 85 Infrared Button | The GV-IB25 / 65 / 85 Infrared Button detects infrared movement within 3 to 12 cm and allows you to open the door with a wave of hand. |
| GV-R1352 | GV-R1352 is a card reader that uses a 13.56 MHz frequency. The reader has both Wiegand and RS-485 outputs that can be connected to any standard access control panel. |
| GV-RK1352 | GV-RK1352 is a card reader with keypad that uses a 13.56 MHz frequency. The reader has both Wiegand and RS-485 outputs that can be connected to any standard access control panel. |
| GV-WTR | GV-WTR is a converter designed for converting Wiegand interface to RS-485 interface, and vice versa. It enables 3rd party readers to be connected to RS-485 GV-Controllers, as well as allowing GV-AI FR (software) and GV-RS1320 (RS-485 camera reader) to be connected to 3 rd -party Wiegand controllers. |
| Electric Lock | Three types of electric locks are available: electromagnetic lock, electric bolt and electric strike. |

Packing List

- GV-AS1010
- Power Adaptor 12V DC / 1.25A
- Screw x 3
- Screw Anchor x 2
- Enroll Card
- Delete Card
- GV-AS ID F Card x 20
- Torx Wrench
- Software CD
- Warranty Card