

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



Introduction

GV-AS1010 is a single door controller with built-in reader. It provides TCP/IP communication interface to PC and also supports the time & attendance function in GV-ASManager, an access control and management software.

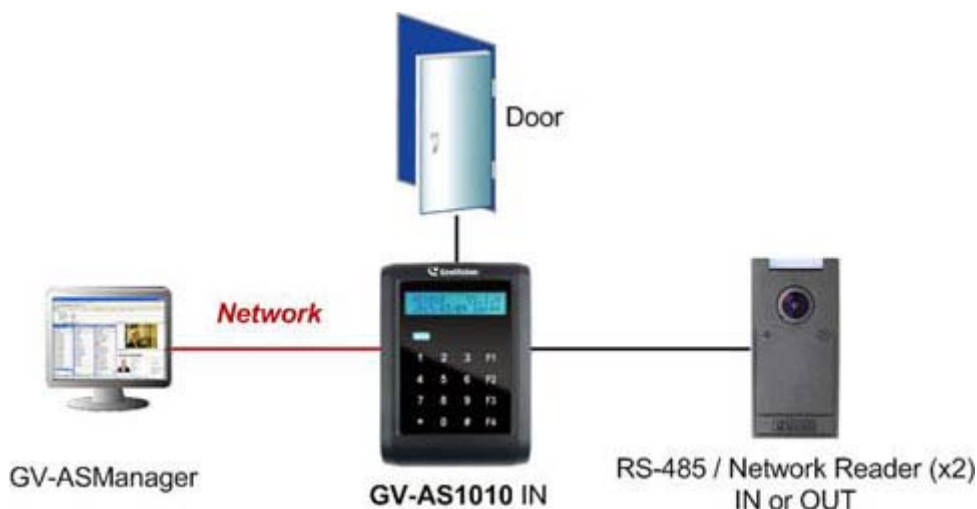
It is possible to add two more card readers to GV-AS1010 for entry and exit applications. GV-AS1010 has the capability to store up to 40,000 cards when connected to GV-ASManager. Programming of the GV-AS1010 can be done either on the keypad or from the GV-ASManager.

GV-AS1010 is suitable for controlling doors, parking gates and access to elevator call buttons.

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 for GV-TAWeb
- Built-in 3 digital inputs and 2 relay outputs
- 1 RS-485 interface for connecting to up to 2 readers
- 1 network interface for connection with GV-ASManager and TCP/IP reader
- Built-in 13.56 MHz Reader
- Built-in tampering alarm sensor
- Anti-Passback (APB) support

Connection



Function Keys



Before employees present their access card to GV-AS1010, they can press the function keys to indicate it is the start or end of Work Time, Away, Overtime or Break Time. You can look up the attendance data in GV-TAWeb, the time and attendance system in GV-ASManager.

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 for ISO14443A (Mifare DESFire, Mifare Plus and Mifare Classic)	
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 Formats	Built-in reader reads both GID and UID	
Operating Temperature	0 ~ 65°C / 32 ~ 149°F	
Operating Humidity	10% ~ 90% RH (non-condensing)	
Dimension (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. GV-AS1010 is a controller with a built-in card reader. GV-AS1010 cannot be used as an independent card reader.
3. If you are using third-party cards or key fobs, the reader must be under UID mode.
4. Specifications are subject to change without notice.

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

Options

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

GV-Reader 1251	GV-Reader 1251 is a card reader that uses a 125 kHz frequency. It has both Wiegand and RS-485 outputs that can be connected to any standard access control panel.
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-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-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-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-AS1010 is compatible with GV-GF1921 / 1922. The reader supports three operation modes: Fingerprint Only, Fingerprint + Card and Card Only. In Fingerprint Only mode, the fingerprints are enrolled through GV-ASManager. In Fingerprint + Card mode, the fingerprint templates are stored on the user card. In Card Only mode, the users only need to swipe the card to be granted access. Readers with optical and capacitance sensors are available.
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.
Push Button Switch	The push button switch can be integrated with access control system, allowing door exit by momentarily activating or deactivating the electric locking device. Both American standard and European standard push buttons 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.
Electric Lock	Three types of electric locks are available: electromagnetic lock, electric bolt and electric strike.
GV-AS ID Card & GV-AS ID Key Fob	GV-AS ID Cards and GV-AS ID Key Fobs are ideal for business and residential environment, where access control is important for security reasons. 125 kHz and 13.56 MHz cards and key fobs are available.