

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



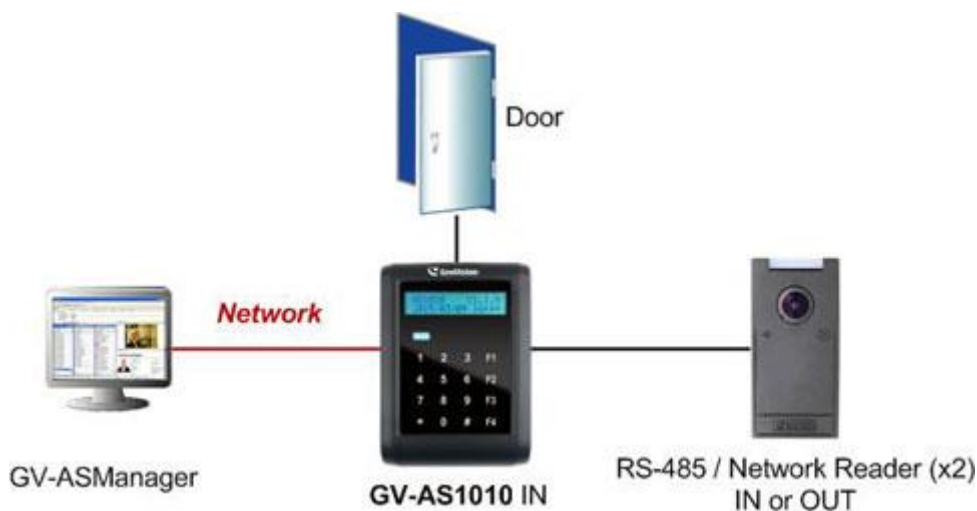
### Introduction

GV-AS1010 is a single door controller with one built-in reader and LCD display, to perform access control and time & attendance applications. Users can add two more readers to GV-AS1010 for entry and exit control. GV-AS1010 has the capability to store up to 40,000 cards when integrating with GeoVision's access control system GV-ASManager. Programming of GV-AS1010 can be done either on its keypad or from GV-ASManager. GV-AS1010, applicable to doors, parking gates and elevators to unlock a call button, is the right 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
- 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
- Support for GeoVision proximity cards with GID (GeoVision Identifier) to enhance security
- Built-in tampering alarm sensor
- Anti-Passback (APB) support

### Connection



## Function Keys



Before employees present their access cards to GV-AS1010, they can press the function keys to indicate it is the start or end of Work Time, Away, Overtime, Break Time or enter a Job Code. The attendance data are accessible 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 reading 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. If you are using third-party cards or key fobs, the reader must be under UID mode.
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 & GV-UHF Tag	125 KHz and 13.56 MHz cards / key fobs, 900 MHz UHF Tag 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 <sup>rd</sup> -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