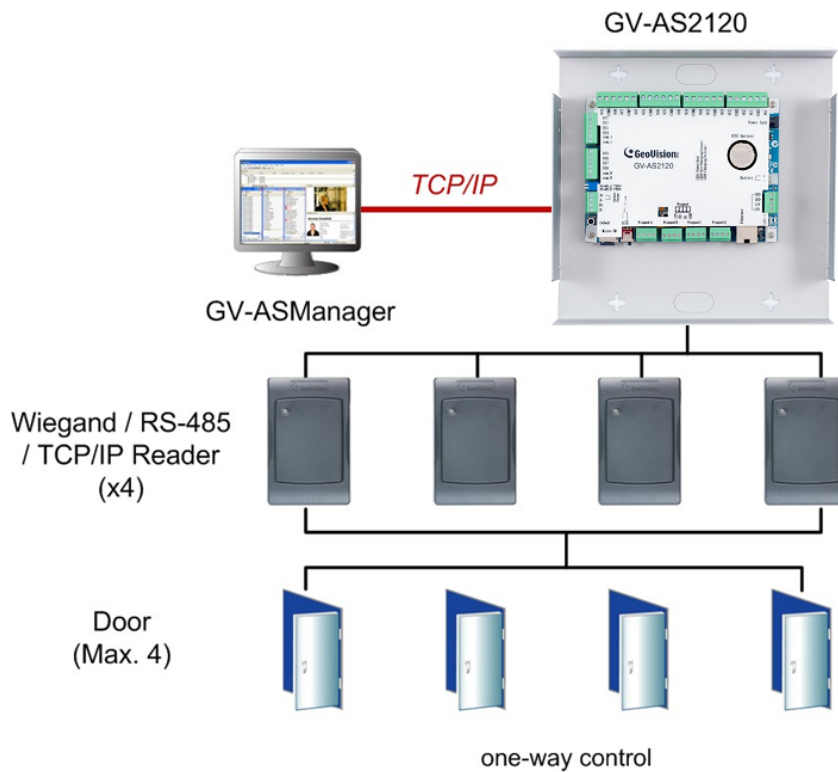


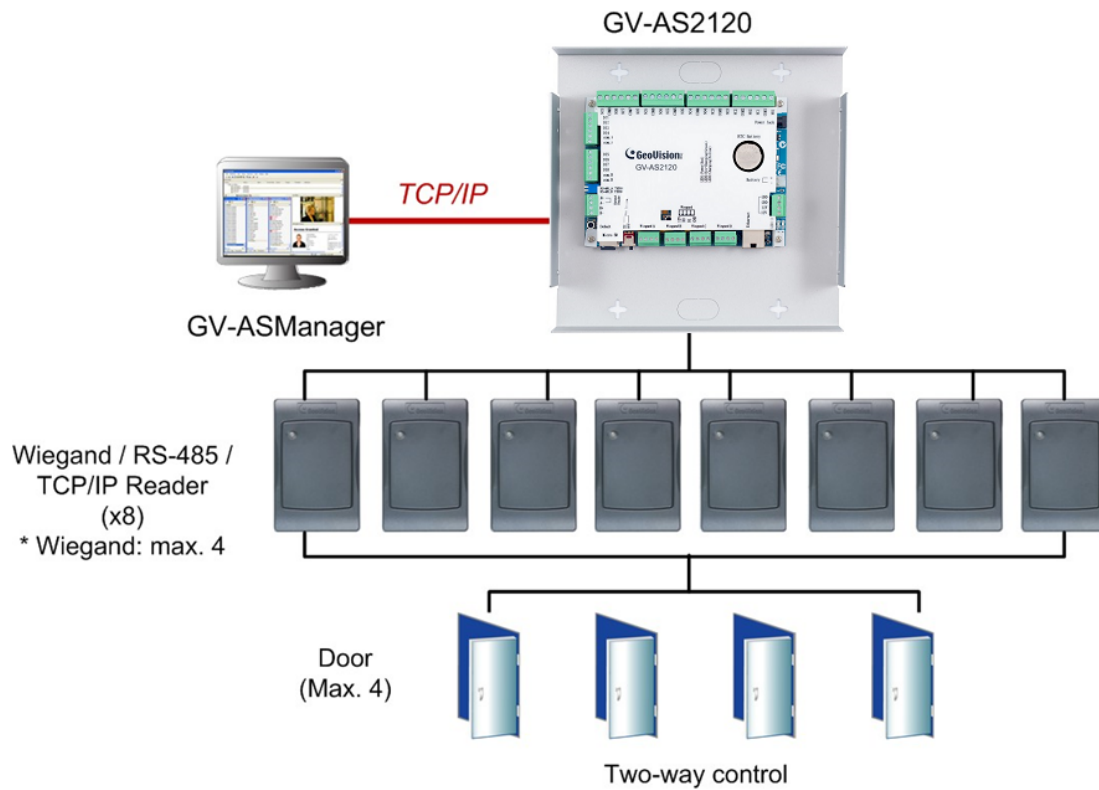
GV-AS2120 IP Control Panel



KEY FEATURES

- One-way control: 4 doors
- Two-way control:
 - 2 doors by Wiegand only;
 - 4 doors by RS-485 / network;
 - 4 doors with max 2 doors by Wiegand and other doors by RS-485 / network
- 4 Wiegand card readers of 26 to 64 bits
- 8 GV-Readers and GV-GF Fingerprint Readers through RS-485 / network connection
- Built-in 8 digital inputs and 8 relay outputs
- Suitable for controlling doors, parking gates and access to elevator call buttons
- Support for tampering alarm
- DC 12V, 3A / PoE+ (IEEE 802.3at, provides up to 25.5 W)





SPECIFICATIONS

System Requirements	
GV-ASManager Version	GV-ASManager V4.3 or later
Hardware	
CPU	32-bit ARM7TDMI
Number of User Cards	100,000 cards
Event Buffer	1,000,000 events and log data
Power	12V DC, 3A / PoE+ (IEEE 802.3at, 25.5 W)
RS-485 Interface	1 RS-485 interface only for GV-Readers and GV-GF Fingerprint Readers (max. 8 readers) Distance 600 m (1968.50 ft), 24 AWG
Wiegand Interface	4 Wiegand interfaces, 26 ~ 64 bit format, distance 100 m (328.1 ft), 24 AWG 12V DC power supply, 200mA
TCP/IP Interface	1 TCP/IP interface for GeoVision network readers
Communication	TCP/IP
Battery	Replaceable button cell
Input	8 inputs, dry contact, NO/NC
Output	8 relay outputs (30V DC, 3A; 110V AC ~ 250V AC, 3A)
Operating Temperature	0 ~ 65 °C / 32 ~ 149 °F
Operating Humidity	10% ~ 90% RH (non-condensing)
Dimension (W x H x D)	210 x 204 x 46.6 mm / 8.27 x 8.03 x 1.83 in (case included)
Weight	810 g / 1.79 lb (case included)
Certification	CE, FCC, RoHS

Note:

1. RS485 and TCP/IP interfaces only support GeoVision readers, while Wiegand interface supports both GeoVision and 3rd party readers (Wiegand 26~64 Bits).
2. GV-AS Controllers do not support 3rd party access control software.
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-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-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	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.
GV-FWC	GV-FWC can integrate GV-Face Recognition Cameras and GV-AI FR into access control systems by sending access card data, paired to Face IDs, to controllers either through TCP/IP or Wiegand 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-RU9003	GV-RU9003 is a Radio Frequency Identification (RFID) reader of ISO 18000-6C (EPC GEN2) standard. Designed for parking lot management, the reader can read RFID tag within 10 m (32.8 ft). Wiegand interface supports GeoVision AS2xxx/4xxx/8xxx controllers.
GV-AS ID Card / Key Fob & GV-UHF Tag	GV-AS ID Card and GV-AS ID Key Fob 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. GV-UHF Tag is ideal for parking lot management. 900 MHz UHF Tag is available.
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. GV-AS2120 requires PoE that provides at least 25.5 W (IEEE 802.3at).
Power Adapter	Contact your sales representative for the countries and areas supported.

Packing List

- GV-AS2120
- Battery Cable
- Screw x 4
- Micro SD Card 2 GB
- Software CD / DVD
- Warranty Card