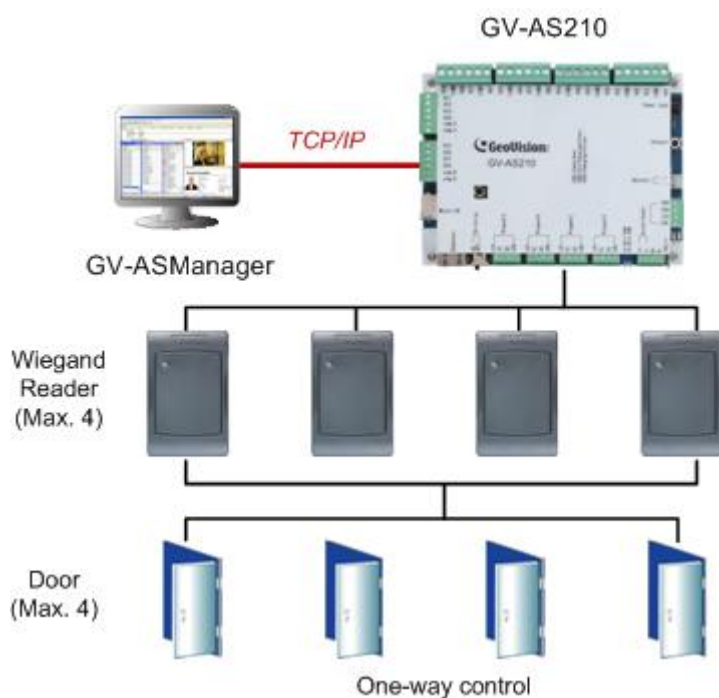# GV-AS210 Controller

KEY FEATURES

- Support 4 Wiegand card readers of 26 to 64 bits
- Support 8 GV-Readers and GV-GF Fingerprint Readers through RS-485 connection
- Built-in 8 digital inputs and 8 relay outputs
- Suitable for door, parking and elevator access control
- One-way control: 4 doors
- Two-way control: 2 doors by Wiegand, 4 doors by Wiegand and RS-485

SPECIFICATIONS

System Requirements	
GV-ASManager Version	GV-ASManager V4.0 / 4.1
Hardware	
CPU	32-bit ARM7TDMI
Number of User Cards	40,000 cards
Event Buffer	1,000,000 events and log data
Power	AC 100~250 V , 50~60Hz
Reader Port	4 Wiegand interfaces 1 RS-485 interface only for GV-Readers and GV-GF Fingerprint Readers (max. 8 GV-Readers)
Wiegand Interface	26~64 Bit format
	12V DC power supply, 200mA
Communication	TCP/IP
Input	8 inputs, dry contact, NO
Output	8 relay outputs (30VDC, 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 T)	210 x 204 x 46.6 mm / 8.27 x 8.03 x 1.83 in (base plate included)
Weight	700 g / 1.54 lb (base plate included)
Certification	CE, FCC, RoHS

Note: 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	The reader has both Wiegand and RS-485 outputs that can be connected to any standard access control panel. 125kHz and 13.56MHz GV-Readers are available.
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.
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 Tag	GV-AS ID Cards and GV-AS ID Tags are ideal for business and residential environment, where access control is important for security reasons. 125 kHz and 13.56 MHz cards and tags are available.