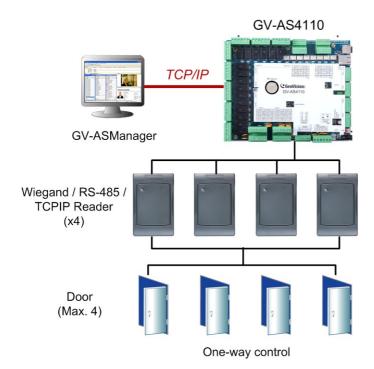


GV-AS4110 Kit



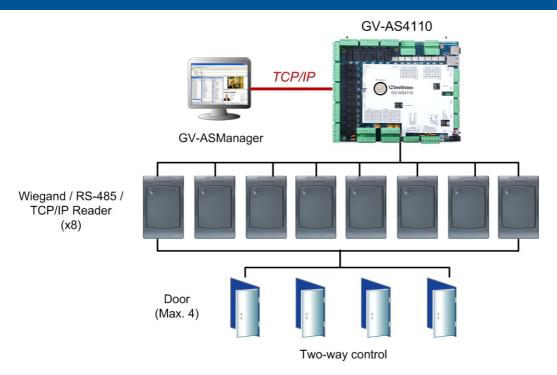
KEY FEATURES

- One-way and two-way control of 4 doors
- 8 Wiegand card readers of 26 to 64 bits
- 8 GV-Readers and GV-GF Fingerprint Readers through RS-485 and network
- Built-in 16 inputs and 24 relay outputs
- Suitable for controlling doors, parking gates and access to elevator call buttons
- Support for tampering alarm



-1-





SPECIFICATIONS

Distance 600 m (1968.50 ft), 24 AWG	System Requi	irements	
One-Way Control 4 doors Two-Way Control 4 doors Hardware CPU 32-bit ARM7TDMI Number of User Cards 40,000 cards Event Buffer 1,000,000 events and log data Power AC 100°250V , 50°60 Hz 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 8 Wiegand interfaces, 26°64 Bit format, distance 100 m (328.1 ft), 24 AWG 12V DC power supply, 200mA 1 TCP/IP interface Communication TCP/IP interface for GeoVision network readers Communication TCP/IP interface for GeoVision network readers Company Replaceable button cell Input 16 inputs, dry contact, NO/NC Output 24 relay outputs (30V DC, 3A; 110 ~ 250V AC, 3A) Operating Temperature 0 ~ 65 °C / 32 ~ 149 °F Operating Humidity 10% ~ 90% RH (non-condensing) Dimension (W x H x D) 420 x 300 x 110 mm / 16.5 x 11.8 x 4.33 in Weight 4.4 kg / 9.68 lb Certification CE, FCC, RoHS Power Adaptor Board 12V			GV-ASManager V4.2.3 or later
Two-Way Control 4 doors Hardware CPU 32-bit ARM7TDMI Number of User Cards 40,000 cards Event Buffer 1,000,000 events and log data Power AC 100~250V, 50~60 Hz 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 8 Wiegand interfaces, 26~64 Bit format, distance 100 m (328.1 ft), 24 AWG 12V DC power supply, 200mA 1 TCP/IP interface for GeoVision network readers Communication TCP/IP Battery Replaceable button cell Input 16 inputs, dry contact, NO/NC Output 24 relay outputs (30V DC, 3A; 110 ~ 250V AC, 3A) Operating Temperature 0 ~ 65 ° C / 32 ~ 149 ° F Operating Humidity 10% ~ 90% RH (non-condensing) Dimension (W x H x D) 420 x 300 x 110 mm / 16.5 x 11.8 x 4.33 in Weight 4.4 kg / 9.68 lb Certification CE, FCC, RoHS Power Adaptor Board Cutput Eagle Current (D.9A) Rated Current (Rate Current (Rate Current (Rate Current (Rate Current (Rate Current (Rate	Software		
Hardware CPU 32-bit ARM7TDMI Number of User Cards 40,000 cards Event Buffer 1,000,000 events and log data Power AC 100~250V , 50~60 Hz 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 8 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 16 inputs, dry contact, NO/NC Output 24 relay outputs (30V DC, 3A; 110 ~ 250V AC, 3A) Operating Temperature 0 ~ 65 ~ C/ 32 ~ 149 ~ F Operating Humidity 10% ~ 90% RH (non-condensing) Dimension (W x H x D) 420 x 300 x 110 mm / 16.5 x 11.8 x 4.33 in Weight 4.4 kg / 9.68 lb Certification CE, FCC, RoHS Power Adaptor Board 12V Rated Current 0.99A Rated Power 10.98 W Number of Input	One-Way Control		4 doors
CPU 32-bit ARM7TDMI Number of User Cards 40,000 cards Event Buffer 1,000,000 events and log data Power AC 100~250V , 50~60 Hz 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 8 Wiegand interfaces, 26~64 Bit format, distance 100 m (328.1 ft), 24 AWG TCP/IP Interface 1 TCP/IP interface for GeoVision network readers Communication TCP/IP Battery Replaceable button cell Input 16 inputs, dry contact, NO/NC Output 24 relay outputs (30V DC, 3A; 110 ~ 250V AC, 3A) Operating Temperature 0 ~ 65 °C / 32 ~ 149 °F Operating Humidity 10% ~ 90% RH (non-condensing) Dimension (W x H x D) 420 x 300 x 110 mm / 16.5 x 11.8 x 4.33 in Weight 4.4 kg / 9.68 lb Certification CE, FCC, RoHS Power Adaptor Board 12V Range Rated Current 0.99A Rated Power 10.8 W Number of Input 2	Two-Way Cor	ntrol	4 doors
Number of User Cards 40,000 cards Event Buffer 1,000,000 events and log data Power AC 100~250V, 50~60 Hz 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 8 Wiegand interfaces, 26~64 Bit format, distance 100 m (328.1 ft), 24 AWG TCP/IP Interface 1 TCP/IP interface for GeoVision network readers Communication TCP/IP Battery Replaceable button cell Input 16 inputs, dry contact, NO/NC Output 24 relay outputs (30V DC, 3A; 110 ~ 250V AC, 3A) Operating Temperature 0 ~ 65 °C / 32 ~ 149 °F Operating Humidity 10% ~ 90% RH (non-condensing) Dimension (W x H x D) 420 x 300 x 110 mm / 16.5 x 11.8 x 4.33 in Weight 4.4 kg / 9.68 lb Certification CE, FCC, RoHS Power Adaptor Board 12V Range Rated Current 0.9A Rated Power 10.8 W Number of Input 2	Hardware		
Event Buffer 1,000,000 events and log data Power AC 100~250V , 50~60 Hz RS-485 Interface	CPU		32-bit ARM7TDMI
Power RS-485 Interface 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 8 Wiegand Interface 8 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 16 inputs, dry contact, NO/NC Output 24 relay outputs (30V DC, 3A; 110 ~ 250V AC, 3A) Operating Temperature 0 ~ 65 °C / 32 ~ 149 °F Operating Humidity 10% ~ 90% RH (non-condensing) Dimension (W x H x D) 420 x 300 x 110 mm / 16.5 x 11.8 x 4.33 in Weight 4.4 kg / 9.68 lb Certification CE, FCC, RoHS Power Adaptor Board Power Adaptor Board Rated Current 0.9A Rated Power 10.8 W Number of Input 2	Number of Us	ser Cards	40,000 cards
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 8 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 Replaceable button cell Input 16 inputs, dry contact, NO/NC Output 24 relay outputs (30V DC, 3A; 110 ~ 250V AC, 3A) Operating Temperature 0 ~ 65 °C / 32 ~ 149 °F Operating Humidity 10% ~ 90% RH (non-condensing) Dimension (W x H x D) 420 x 300 x 110 mm / 16.5 x 11.8 x 4.33 in Weight 4.4 kg / 9.68 lb Certification CE, FCC, RoHS Power Adaptor Board Power Adaptor Board Rated Current Rated Power 10.8 W Number of Input 2	Event Buffer		1,000,000 events and log data
Distance 600 m (1968.50 ft), 24 AWG	Power		AC 100~250V , 50~60 Hz
TCP/IP Interface 1 TCP/IP interface for GeoVision network readers Communication TCP/IP Battery Replaceable button cell Input 16 inputs, dry contact, NO/NC Output 24 relay outputs (30V DC, 3A; 110 ~ 250V AC, 3A) Operating Temperature 0 ~ 65 °C / 32 ~ 149 °F Operating Humidity 10% ~ 90% RH (non-condensing) Dimension (W x H x D) 420 x 300 x 110 mm / 16.5 x 11.8 x 4.33 in Weight 4.4 kg / 9.68 lb Certification CE, FCC, RoHS Power Adaptor Board Output DC Voltage Range Rated Current 0.9A Rated Power 10.8 W Number of Input 2	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
TCP/IP Interface 1 TCP/IP interface for GeoVision network readers Communication TCP/IP Battery Replaceable button cell Input 16 inputs, dry contact, NO/NC Output 24 relay outputs (30V DC, 3A; 110 ~ 250V AC, 3A) Operating Temperature 0 ~ 65 °C / 32 ~ 149 °F Operating Humidity 10% ~ 90% RH (non-condensing) Dimension (W x H x D) 420 x 300 x 110 mm / 16.5 x 11.8 x 4.33 in Weight 4.4 kg / 9.68 lb Certification CE, FCC, RoHS Power Adaptor Board Output DC Voltage Range 12V Rated Current 0.9A Rated Power 10.8 W Number of Input 2	Wiegand Interface		8 Wiegand interfaces, 26~64 Bit format, distance 100 m (328.1 ft), 24 AWG
Communication TCP/IP Battery Replaceable button cell Input 16 inputs, dry contact, NO/NC Output 24 relay outputs (30V DC, 3A; 110 ~ 250V AC, 3A) Operating Temperature 0 ~ 65 ° C / 32 ~ 149 ° F Operating Humidity 10% ~ 90% RH (non-condensing) Dimension (W x H x D) 420 x 300 x 110 mm / 16.5 x 11.8 x 4.33 in Weight 4.4 kg / 9.68 lb Certification CE, FCC, RoHS Power Adaptor Board POUTPUTE Range Range Rated Current 0.9A Rated Power 10.8 W Number of Input 2			12V DC power supply, 200mA
Battery Replaceable button cell Input 16 inputs, dry contact, NO/NC Output 24 relay outputs (30V DC, 3A; 110 ~ 250V AC, 3A) Operating Temperature 0 ~ 65 °C / 32 ~ 149 °F Operating Humidity 10% ~ 90% RH (non-condensing) Dimension (W x H x D) 420 x 300 x 110 mm / 16.5 x 11.8 x 4.33 in Weight 4.4 kg / 9.68 lb Certification CE, FCC, ROHS Power Adaptor Board POUTPUT Range Range Rated Current 0.9A Rated Power 10.8 W Number of Input 2	TCP/IP Interface		1 TCP/IP interface for GeoVision network readers
16 inputs, dry contact, NO/NC 24 relay outputs (30V DC, 3A; 110 ~ 250V AC, 3A) Operating Temperature 0 ~ 65 °C / 32 ~ 149 °F Operating Humidity 10% ~ 90% RH (non-condensing) Oimension (W x H x D) 420 x 300 x 110 mm / 16.5 x 11.8 x 4.33 in	Communication		TCP/IP
Output 24 relay outputs (30V DC, 3A; 110 ~ 250V AC, 3A) Operating Temperature 0 ~ 65 °C / 32 ~ 149 °F Operating Humidity 10% ~ 90% RH (non-condensing) Dimension (W x H x D) 420 x 300 x 110 mm / 16.5 x 11.8 x 4.33 in Weight 4.4 kg / 9.68 lb Certification CE, FCC, RoHS Power Adaptor Board Output Output DC Voltage Range Rated Current 0.9A Rated Power 10.8 W Number of Input 2	Battery		Replaceable button cell
Operating Temperature 0 ~ 65 °C / 32 ~ 149 °F Operating Humidity 10% ~ 90% RH (non-condensing) Dimension (W x H x D) 420 x 300 x 110 mm / 16.5 x 11.8 x 4.33 in Weight 4.4 kg / 9.68 lb Certification CE, FCC, RoHS Power Adaptor Board Output DC Voltage Range Range Rated Current 0.9A Rated Power 10.8 W Number of Input 2	Input		16 inputs, dry contact, NO/NC
Operating Humidity 10% ~ 90% RH (non-condensing) Dimension (W x H x D) 420 x 300 x 110 mm / 16.5 x 11.8 x 4.33 in Weight 4.4 kg / 9.68 lb Certification CE, FCC, RoHS Power Adaptor Board DC Voltage Range 12V Rated Current 0.9A Rated Power 10.8 W Number of Input 2	·		24 relay outputs (30V DC, 3A; 110 ~ 250V AC, 3A)
Dimension (W x H x D) 420 x 300 x 110 mm / 16.5 x 11.8 x 4.33 in Weight 4.4 kg / 9.68 lb Certification CE, FCC, RoHS Power Adaptor Board Power Adaptor Board 12V Range Rated Current 0.9A Rated Power 10.8 W Number of Input 2	Operating Temperature		0 ~ 65 °C / 32 ~ 149 °F
Weight 4.4 kg / 9.68 lb CEF, FCC, RoHS Power Adaptor Board DC Voltage Range 12V Rated Current Rated Power 0.9A Rated Power 10.8 W Number of Input 2	Operating Humidity		10% ~ 90% RH (non-condensing)
Certification CE, FCC, RoHS Power Adaptor Board DC Voltage Range 12V Rated Current Rated Power 0.9A Rated Power 10.8 W Number of Input 2	Dimension (W x H x D)		420 x 300 x 110 mm / 16.5 x 11.8 x 4.33 in
Power Adaptor Board DC Voltage Range 12V Rated Current Rated Power 0.9A Rated Power 10.8 W Number of Input 2	Weight		4.4 kg / 9.68 lb
Output DC Voltage Range 12V Rated Current Rated Power 0.9A Number of Input 2	Certification		CE, FCC, RoHS
Range 12V Rated Current 0.9A Rated Power 10.8 W Number of Input 2	Power Adapt	or Board	
Output Rated Current 0.9A Rated Power 10.8 W Number of Input 2	Output	_	12V
Rated Power 10.8 W Number of Input 2			0.9A
	Number of	Input	2
COMPECTORS OULDUL &	connectors	Output	8



Wire Size (AWG)		12 - 22		
Power Supply				
Output	DC Voltage Range	12V		
	Rated Current	12.5A		
	Current Range	0~10A		
	Rated Power	150 W		
Input	US Standard	110 – 120V, 50 Hz / 60 Hz		
	EU Standard	200 – 240V, 50 Hz / 60 Hz		

Note:

- 1. RS485 and TCP/IP interfaces only support GeoVision readers, while Wiegand interface supports both GeoVision and 3rd party readers (Wiegand $26^{\sim}64$ 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.
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 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. GV-UHF Tag is ideal for parking lot management. 900 MHz UHF Tag is available.

GV-AS4110 Kit October 27, 2016



Packing List

- GV-AS4110 Kit (US standard or EU standard)
- Iron box key
- Iron box screw x 6
- Self-adhesive cable tie mounts x 6
- Power cord for battery
- Micro SD Card 2 GB
- Software CD
- Warranty Card

-4-