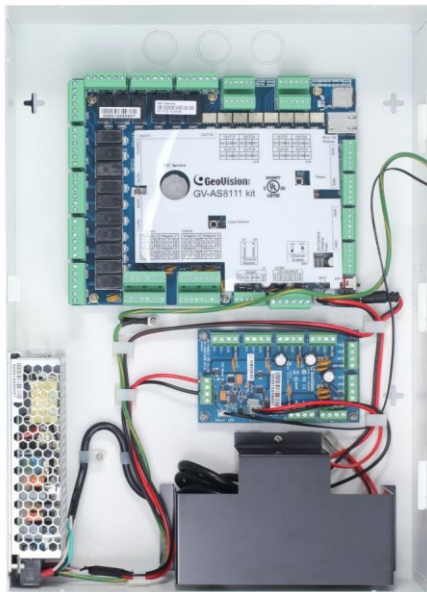


GV-AS8111 Kit



GV-AS8111 Kit is a cabinet that contains a **GV-AS8111 control panel**, a **power adapter board**, a **power supply** and a **backup battery housing**. The power supply powers the GV-AS8111 control panel as well as up to 8 output devices (12V, 0.5A per device).

Key Features

- One-way control: 8 doors
- Two-way control:
 - 4 doors by Wiegand only
 - 8 doors by RS-485 or network
 - 8 doors with max 4 doors by Wiegand and other doors by RS-485 or network
- Three interface types: Wiegand, RS-485, and TCP/IP
- 16 digital inputs for door contact, exit button, fire contact, and tamper contact
- 24 relay outputs for lock, alarm, access granted and access denied
- Suitable for doors, parking gates, and elevator call button access
- Tampering alarm
- UL 294 compliance

Output	Power Source Limitation
Output 1 ~ 24	Class 2
Con 10 ~ Con 11	Class 2
J2	Class 2
Con 9	Class 2
J8 ~ J11 (Power board)	Class 2
J16 ~ J19 (Power board)	Class 2



Specifications

System Requirements		
GV-ASManager Version		GV-ASManager V4.2.3 or later
Software		
One-Way Control		8 doors
Two-Way Control		4 doors by Wiegand only
		8 doors by RS-485 / network
		8 doors with max 4 doors by Wiegand and other doors by RS-485 / network
Hardware		
CPU		32-bit ARM7TDMI
Number of User Cards		100,000 cards
Event Buffer		1,000,000 events and log data
Power		100 ~ 120V AC, 50 ~ 60 Hz, 1.7A
RS-485 Interface		2 RS-485 interfaces for max. 16 GV RS-485 readers Distance 600 m (1968.50 ft), 24 AWG, 13V DC min., 85 °C min.
Wiegand Interface		8 Wiegand interfaces, 26 ~ 64-bit format, distance 100 m (328.1 ft), 24 AWG, 13V DC min., 85 °C min.
TCP/IP Interface		1 TCP/IP interface for max. 16 GV network readers
Battery		Built-in battery, replaceable button cell (CR2032)
Input		16 inputs, dry contact, NO/NC
Output		1~16 relay output / 30V DC, 3A
		17~24 relay output / 30V DC, 1A
Operating Temperature		0 ~ 65 °C / 32 ~ 149 °F
Operating Humidity		10% ~ 90% RH (non-condensing)
Dimensions (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		UL 294, CE, FCC, RoHS
Network		
Interface		10/100 Ethernet
Protocol		DHCP, DynDNS, HTTPS, TCP
Power Adaptor Board		
Output	DC Voltage Range	12V
	Rated Current	0.5A
	Rated Power	6W
Number of connectors	Input	2
	Output	8
Wire Size (AWG)		12 - 22
Power Supply		
Output	DC Voltage Range	11V ~ 13V (Nominal 12V)
	Rated Current	13A
	Rated Power	150 W
Input	US Standard (UL)	110 ~ 120V, 50 Hz / 60 Hz, 1.7 A
	EU Standard	200 ~ 240V, 50 Hz / 60 Hz
Backup Battery Housing		
Dimensions (W x H x D)		151 x 98 x 94 mm / 5.94 × 3.86 × 3.70 in

Note:

- Only GeoVision readers are supported by RS-485 and network communications, while Wiegand are compatible with third-party readers
- GV-AS Controllers do not support 3rd-party access control software.
- UL 294 Attack Class Level 1 depends on other connected equipment.
- The interruption of power supply on the controller's Circuit Board or the Power Adaptor Board will damage the two boards when the main power is supplied. Before unplugging the power adapter (connected to the controller's Circuit Board), or connecting any devices to the two boards, please disconnect the main power.
- Specifications are subject to change without notice.

Packing List

- GV-AS 8111 Kit (US standard or EU standard)
- Iron box key
- Iron box screw x 6
- Self-adhesive cable tie mounts x 6
- Battery wiring
- Micro SD Card 2 GB
- Software CD
- Warranty Card

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-FWC	GV-FWC integrates GeoVision face-recognition-based cameras, software and readers into access control systems by sending access card data, paired to Face IDs, to controllers either through TCP/IP or Wiegand connection.
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-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 3rd-party Wiegand controllers.
Electric Lock	Three types of electric locks are available: electromagnetic lock, electric bolt and electric strike.
Power Adapter	Contact our sales representatives for the countries and areas supported.
Push Button Switch	The push button switch can be integrated with any standard access control systems, allowing door exit by activating or deactivating the electric locking device. Both American standard and European standard push buttons are available.