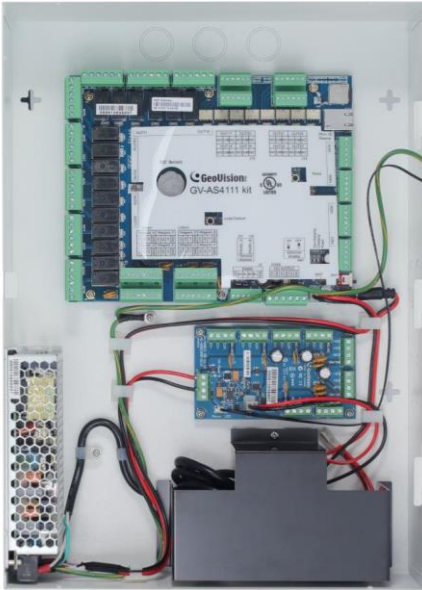


GV-AS4111 Kit



GV-AS4111 Kit is a cabinet that includes a GV-AS4111 control panel, a power adapter board, a power supply and a backup battery case. The power supply powers the GV-AS4111 control panel as well as 8 output devices (12V, 0.5A per device).

The GV-AS4111 control panel is a four-door controller with three types of interfaces, Wiegand, RS-485 and TCP/IP — to support various readers for entry and exit management. In addition to basic door control, its I/O pins support applications such as alarm, tamper detection, and fire sensor integration.

There are two models for the GV-AS4111 controller: **GV-AS4111 Local** and **GV-AS4111 Cloud**. The GV-AS4111 Cloud is designed for cloud-based access control. When connected directly to IP cameras or via the GV-Cloud Bridge, the GV-AS4111 Cloud can transmit snapshots, live view, or recordings (requires GV-Cloud Bridge) to GV-Cloud Access Control upon an access event.

Models

Model	GV-AS4111 Local	GV-AS4111 Cloud
Firmware Version	V1.00 to V2.82	V3.00 or later
Cloud Net Module Installed	N/A	Yes
Software Supported	GV-ASManager	GV-Cloud Access Control

Key Features

- One-way or two-way control of 4 doors
- Three interface types: Wiegand, RS-485, and TCP/IP
- OSDP communication via RS-485 (supported on GV-AS4111 Cloud only)
- 16 digital inputs for door contact, exit button, fire contact, and tamper contact
- Relay outputs for lock, alarm, access granted and access denied
 - 24 outputs on GV-AS4111 Local
 - 16 outputs on GV-AS4111 Cloud
- Suitable for controlling doors, parking gates and elevator call button access
- GV-Cloud Access Control integration (supported on GV-AS4111 Cloud only)
- Tampering alarm
- UL 294 compliance

Specifications

Software Supported	
GV-ASManager (for GV-AS4111 Local)	V4.2.3 or later
GV-Cloud Access Control (for GV-AS4111 Cloud)	V1.4.0 or later

Note: GV-AS4110 firmware versions **V1.xx** and **V2.xx** are designed for **GV-ASManager** applications, while version **V3.xx** is intended solely for **GV-Cloud Access Control**. Firmware for GV-AS4111 Local and GV-AS4111 Cloud are not interchangeable and cannot be upgraded across platforms.

Feature		
One-Way Control		4 doors
Two-Way Control		4 doors
Hardware		
CPU		32-bit ARM7TDMI
Number of User Cards		100,000 cards
Event Buffer		1,000,000 events for GV-AS4110 Local 65535 events for GV-AS4110 Cloud
Power		100 ~ 120V AC, 50 ~ 60 Hz, 1.7A
RS-485 Interface		1 RS-485 interface, distance up to 600 m / 1968.50 ft, 24 AWG cable - Max. 8 RS-485 readers for GV-AS4110 Local - Max. 8 RS-485 / OSDP readers for GV-AS4110 Cloud
		*For the RS-485 interface, connect only one of the following reader types to GV-AS4110 Cloud: GV RS-485 readers, OSDP-compliant readers, and GV-QR1352/DES1352 readers.
Wiegand Interface		8 Wiegand interfaces, 26 ~ 64-bit format, distance 100 m / 328.1 ft, 24 AWG cable
		12V DC power supply, 200mA
TCP/IP Interface		1 TCP/IP interface for max. 8 GV network readers
		*GV-AS4110 Local supports simultaneous connection of RS-485 readers and network readers.
		*GV-AS4110 Cloud does not support network readers.
Battery		Replaceable button cell
Input		16 inputs, dry contact, NO/NC
Output		1 ~ 16 relay output / 30V DC, 3A
		17 ~ 24 relay output / 30V DC, 1A
		- Max. 24 for GV-AS4110 Local - Max. 16 for GV-AS4110 Cloud
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		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
Input	US Standard (UL)	110 ~ 120V, 50 Hz / 60 Hz, 1.7A
	EU Standard	200 ~ 240V, 50 Hz / 60 Hz

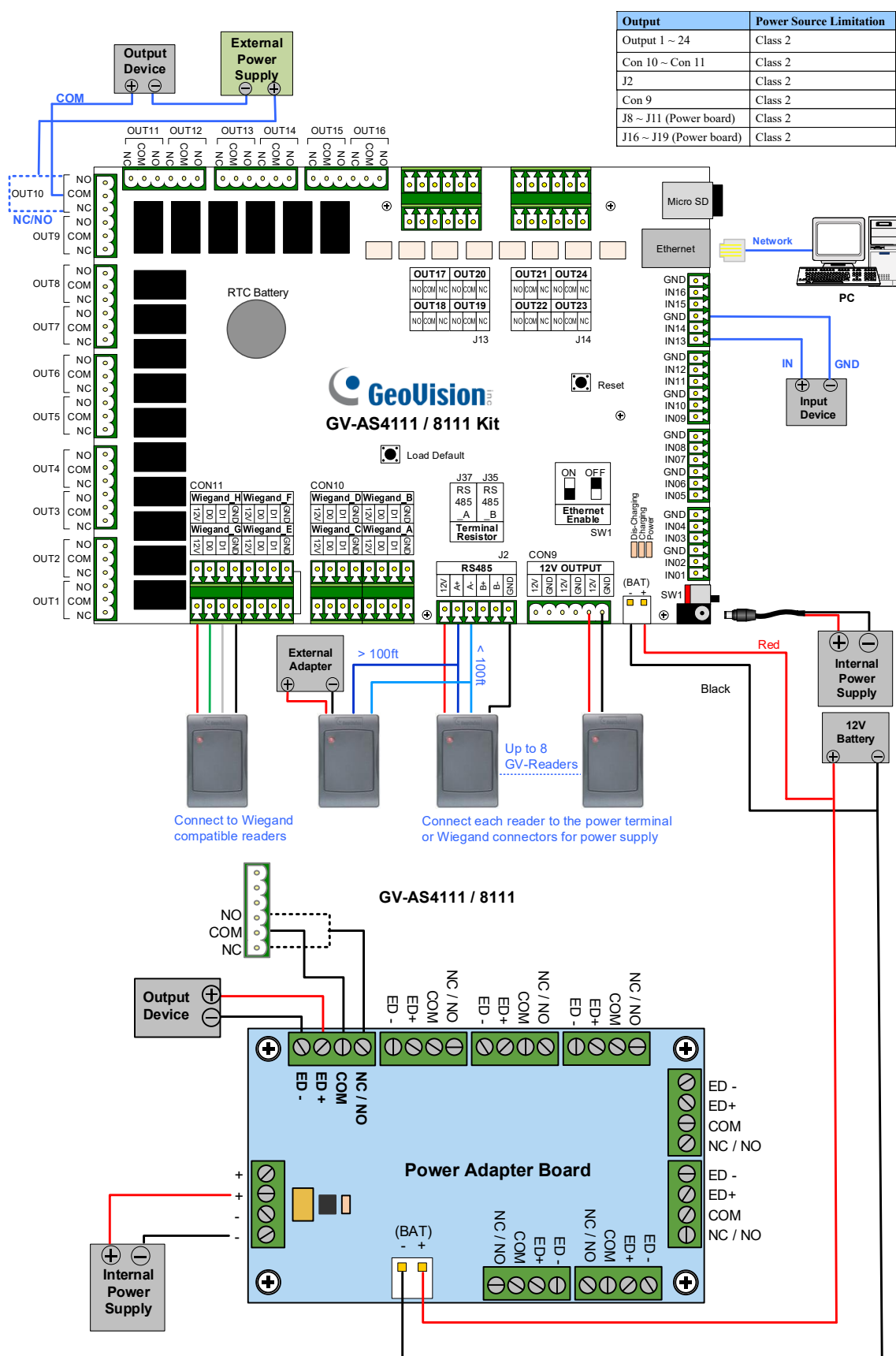
Note:

1. Only GeoVision readers are supported by RS-485 and network communications, while Wiegand and OSDP are compatible with third-party readers
2. GV-AS Controllers do not support 3rd-party access control software.
3. UL 294 Attack Class Level 1 depends on the connected equipment used in the system.
4. Interrupting the power supply to the controller's Circuit Board or Power Adaptor Board while the main power is active may cause damage both boards. Before unplugging the power adapter (connected to the controller's Circuit Board) or connecting any devices to either board, make sure to disconnect the main power.
5. Specifications are subject to change without notice.

Packing List

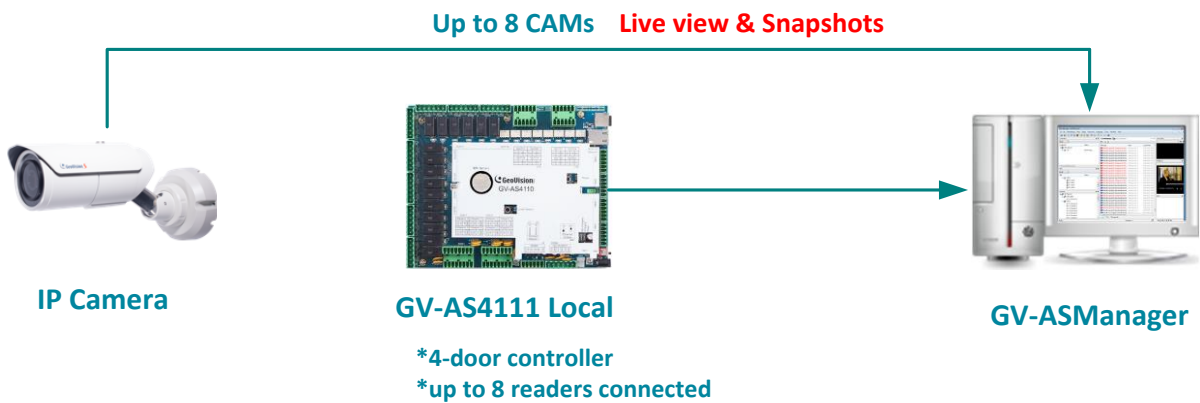
- GV-AS4111 Kit (US standard or EU standard)
- Iron box key
- Iron box screw x 6
- Self-adhesive cable tie mounts x 6
- Battery wiring
- Micro SD Card 2 GB (Formatted and Inserted)
- Warranty Card

GV-AS4111 Kit Standard Application

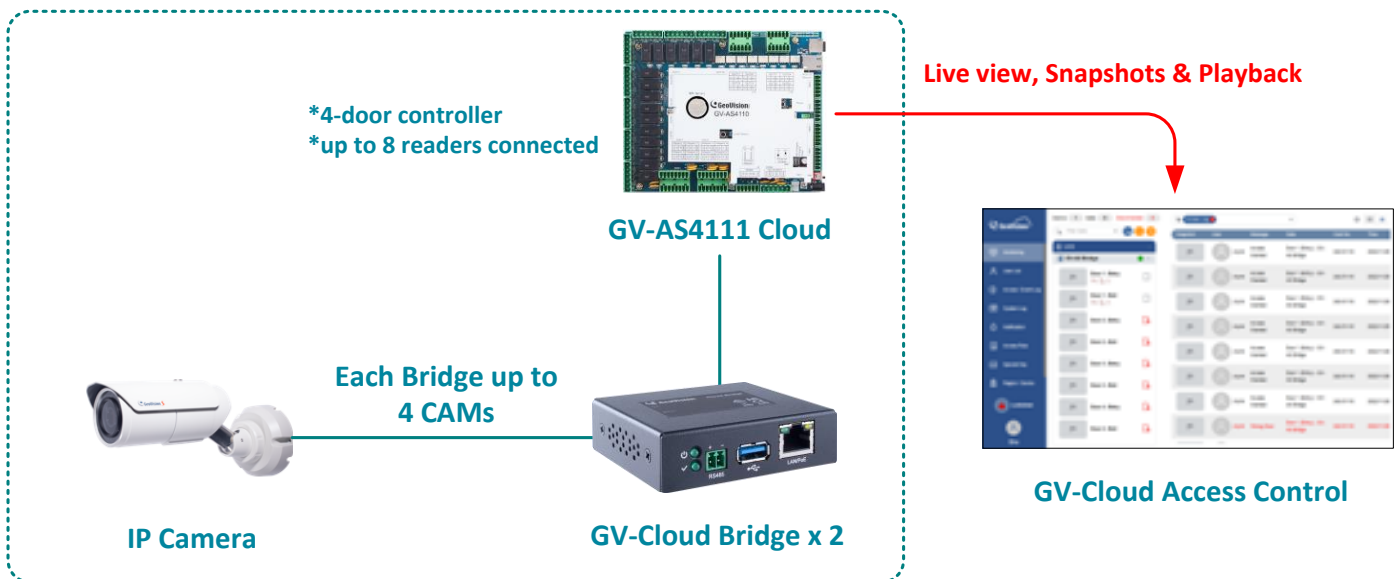
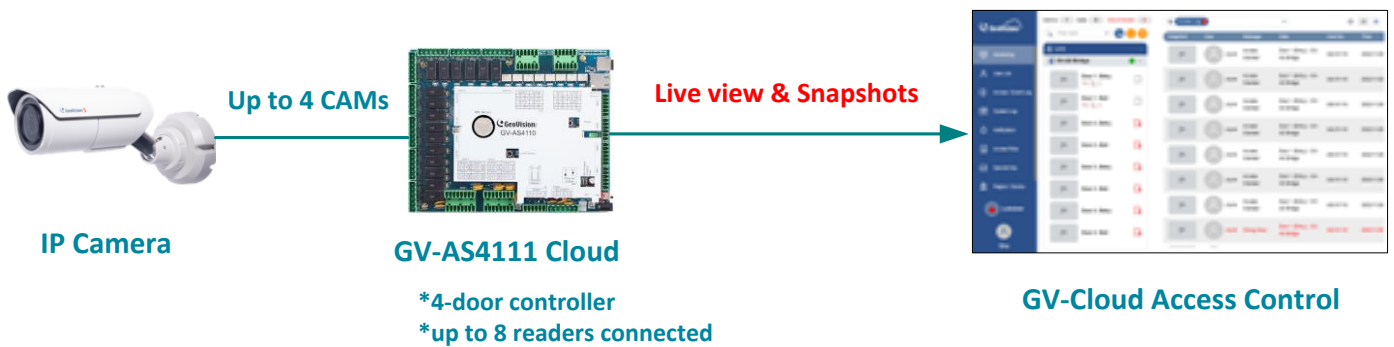


Applications

GV-AS4111 Local connects to the GV-ASManager access control software.



GV-AS4111 Cloud connects to the GV-Cloud Access Control.



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.
Cabinet (GV-AS Iron Box)	With the cabinet (Dimension: 383.5 x 443.5 x 112.2 mm / 15.1 x 17.5 x 4.4 in), GV-AS Controllers can be mounted directly to a wall or recessed into the wall.
Electric Lock	Three types of electric locks are available: electromagnetic lock, electric bolt and electric strike.
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.