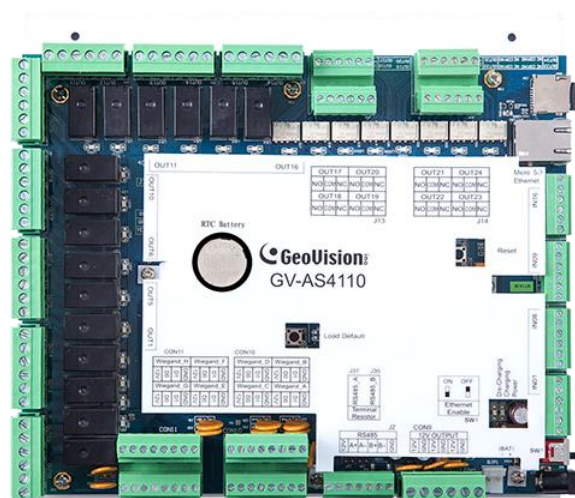


GV-AS4110 IP Control Panel



Introduction

GV-AS4110 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-AS4110 controller: **GV-AS4110 Local** and **GV-AS4110 Cloud**. The GV-AS4110 Cloud is designed for cloud-based access control. When connected directly to IP cameras or via the GV-Cloud Bridge, the GV-AS4110 Cloud can transmit snapshots, live view, or playback recordings (requires GV-Cloud Bridge) to GV-Cloud Access Control upon an access event.

Models

Model	GV-AS4110 Local	GV-AS4110 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-AS4110 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-AS4110 Local
 - 16 outputs on GV-AS4110 Cloud
- Suitable for controlling doors, parking gates and elevator call button access
- GV-Cloud Access Control integration (supported on GV-AS4110 Cloud only)

Specifications

Software Supported	
GV-ASManager (for GV-AS4110 Local)	V4.2.3 or later
GV-Cloud Access Control (for GV-AS4110 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-AS4110 Local and GV-AS4110 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	AC 100~250V, 50~60 Hz
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)	210 x 187 x 40 mm / 8.27 x 7.36 x 1.57 in
Weight	900 g / 2 lb
Certification	CE, FCC, RoHS
Network	
Interface	10/100 Ethernet
Protocol	DHCP, DynDNS, HTTPS, TCP

Note:

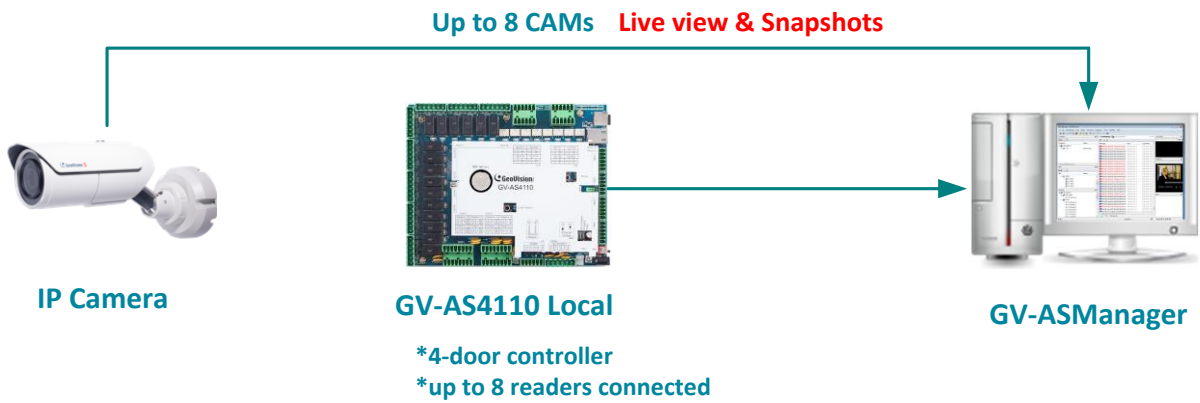
- Only GeoVision readers are supported by RS-485 and network communications, while Wiegand and OSDP are compatible with third-party readers.
- GV-AS Controllers do not support 3rd-party access control software.
- Specifications are subject to change without notice.

Packing List

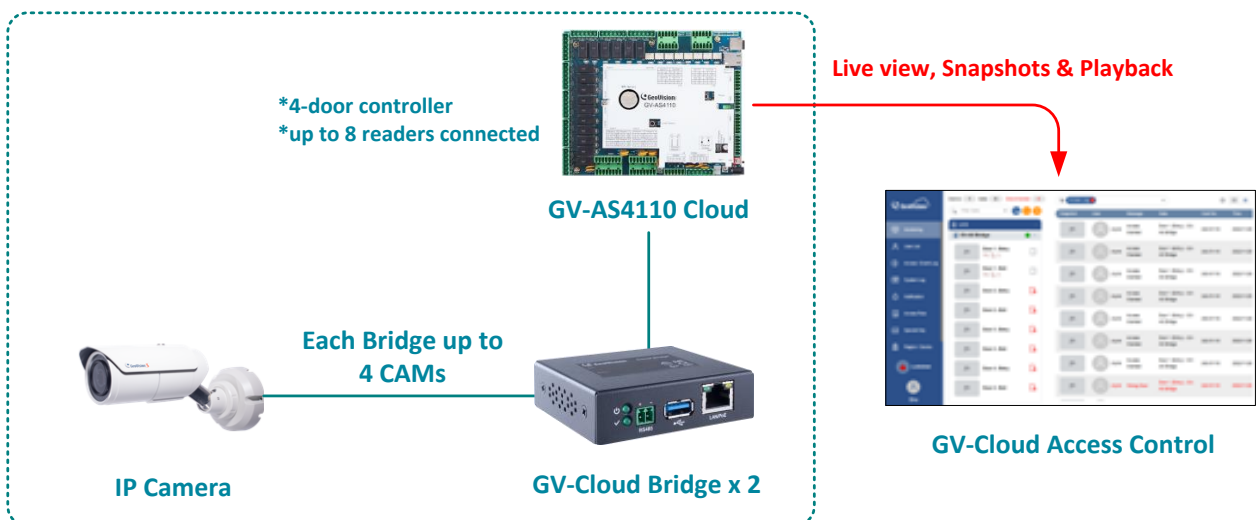
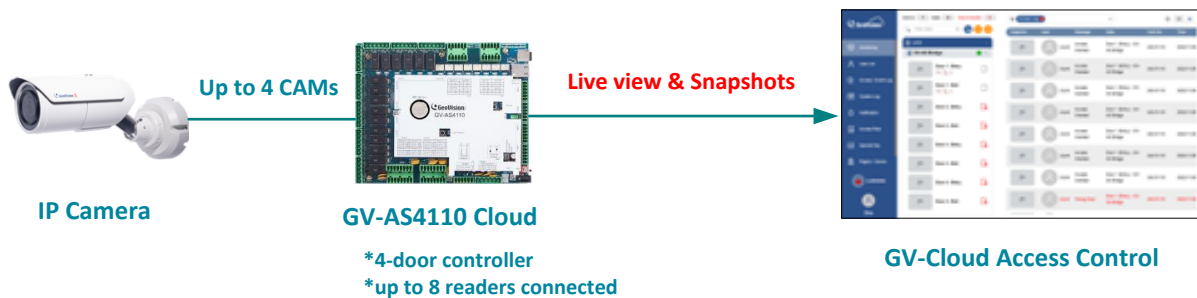
- GV-AS4110
- Power Adaptor 12V DC / 3.5A
- Power Cord
- Battery Cable
- Screw x 8
- Hex Nut x 8
- Hex Pillar x 8
- Micro SD Card 2 GB (Formatted and Inserted)
- Warranty Card

Applications

GV-AS4110 Local connects to the GV-ASManager access control software.



GV-AS4110 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.