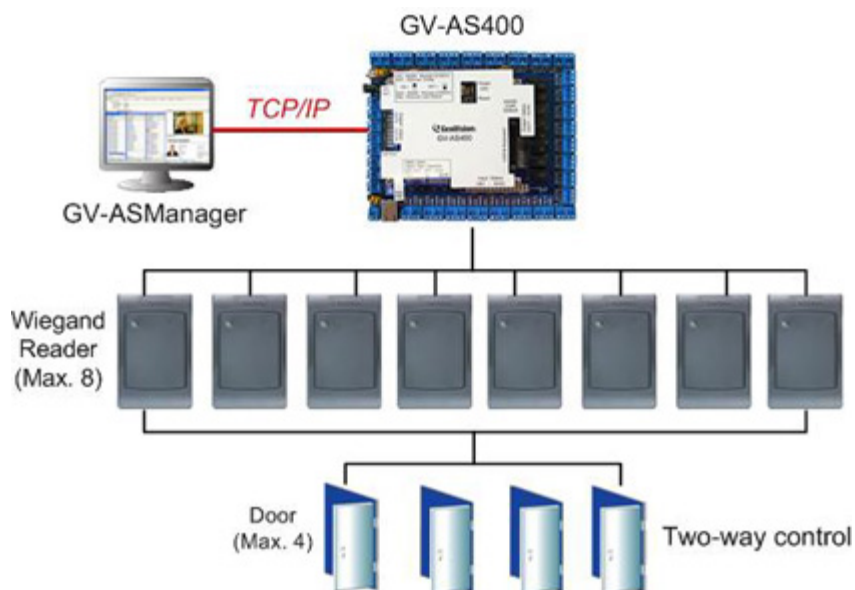


## GV-AS400 Controller



### AS400 KEY FEATURES

- Support 8 Wiegand card readers of 26 to 64 bits
- Support 8 GV-Readers and GV-GF Fingerprint Readers through RS-485 connection
- Built-in 16 digital inputs and 16 relay outputs
- I/O capability expandable to 64 digital inputs and 64 relay outputs with GV-IO Box connected
- Suitable for door, parking and elevator access control
- 4 doors (one-way and two-way control)



## AS400 SPECIFICATIONS

System Requirements	
GV-ASManager Version	GV-ASManager V2.1 or later
Hardware	
CPU	32-bit ARM7TDMI & 8 bit RISC Microprocessor
Number of User Cards	40,000 Cards
Event Buffer	65,536 events and log data
Power	AC 100~250 V , 50~60Hz
Reader Port	8 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	16 inputs, dry contact, NO / NC
Output	8 relay outputs (30VDC, 3A; 110V AC ~ 250V AC, 3A) 8 photo relay outputs (30V DC, 130mA)
Operating Temperature	0~65°C / 32 ~ 149°F
Operating Humidity	10% ~ 90% RH (non-condensing)
Dimension (W x H x T)	210 x 170 x 30 mm / 8.27 x 6.69 x 1.18 in
Weight	750 g / 1.65 lb
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 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-Reader 1352 V2	GV-Reader 1351 V2 is a card reader that uses a 13.56 MHz 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.
GV-IO Box	Only works with GV-AS400. Includes the options of 4, 8 and 16 ports. Can expand GV-AS400's capability to up to 64 inputs and 64 outputs.
GV-ASKeypad	GV-ASKeypad with LCD display is a hot-swapping device, giving you convenience to configure GV-AS400.
Cabinet	Only available for 400 / 810. With the cabinet, GV-AS Controllers can be mounted directly to a wall or recessed into the wall. Two types of cabinet dimensions are available (W x H x D): <ul style="list-style-type: none"> <li>• 383.5 x 443.5 x 112.2 mm / 15.1 x 17.5 x 4.4 in</li> <li>• 300 x 420 x 86 mm / 11.8 x 16.5 x 3.4 in</li> </ul>
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.

## Packing List

- GV-AS400
- GV-AS Power Board
- Power Adaptor 24V DC (for GV-AS Power Board)
- Power Cord
- Adaptor Cable (for connection between GV-AS400 and GV-AS Power Board)
- GV-ASManager Software DVD