

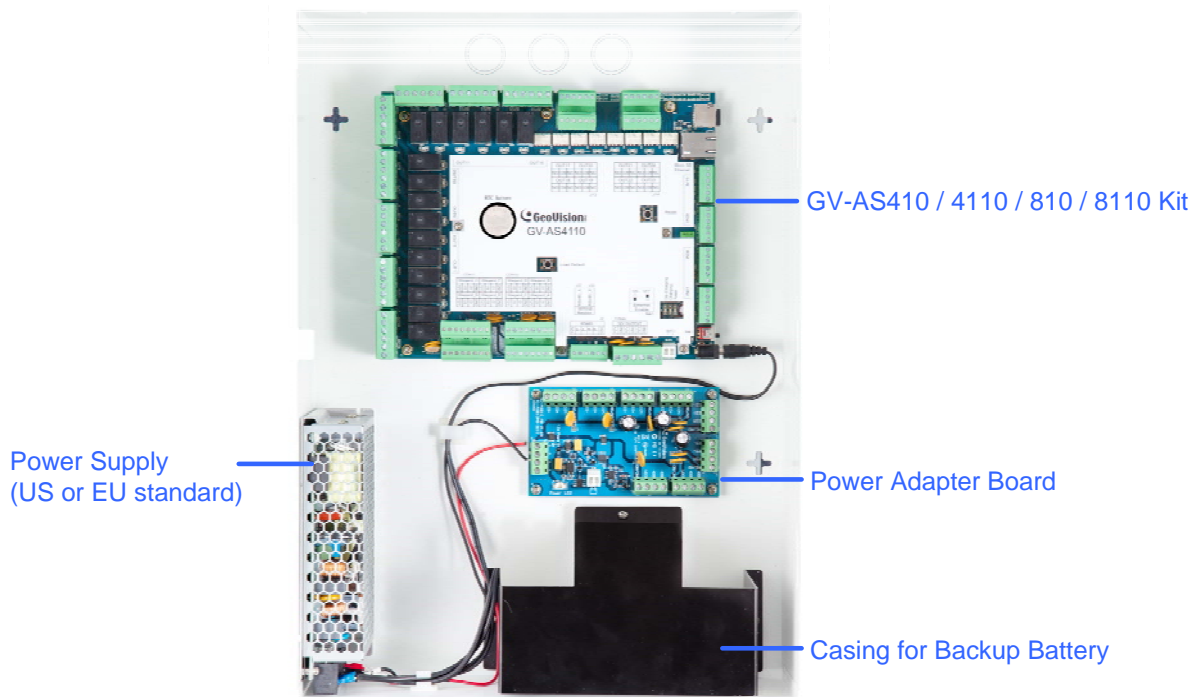
## GV-AS410 / 4110 / 810 / 8110 Kit

GV-AS410 / 4110 / 810 / 8110 Kit is a cabinet containing a GV-AS410, GV-AS4110, GV-AS810 or GV-AS8110, a power adapter board, a power supply and a casing for backup battery. The power supply provides power to the controller and up to 8 output devices (12V, 0.9A per device).

### Packing List

- GV-AS410 / 4110 / 810 / 8110 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

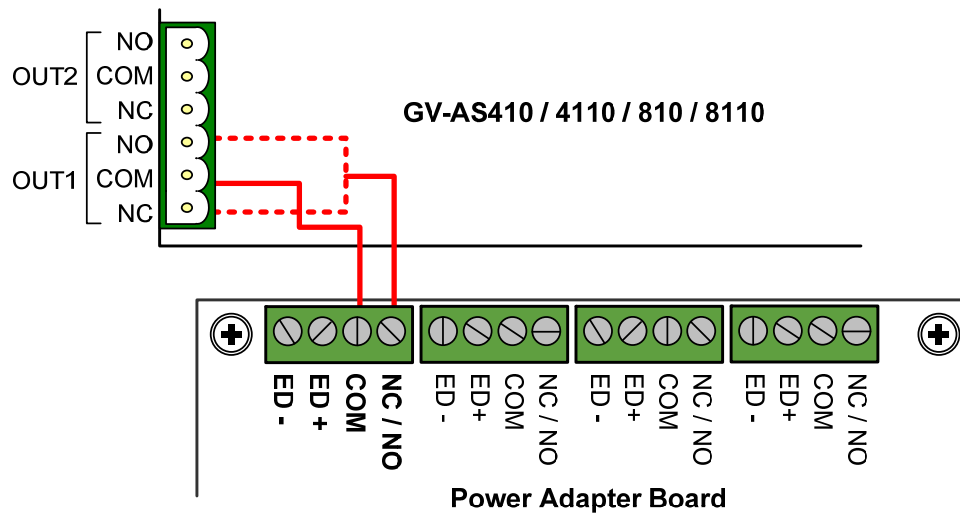
### Overview



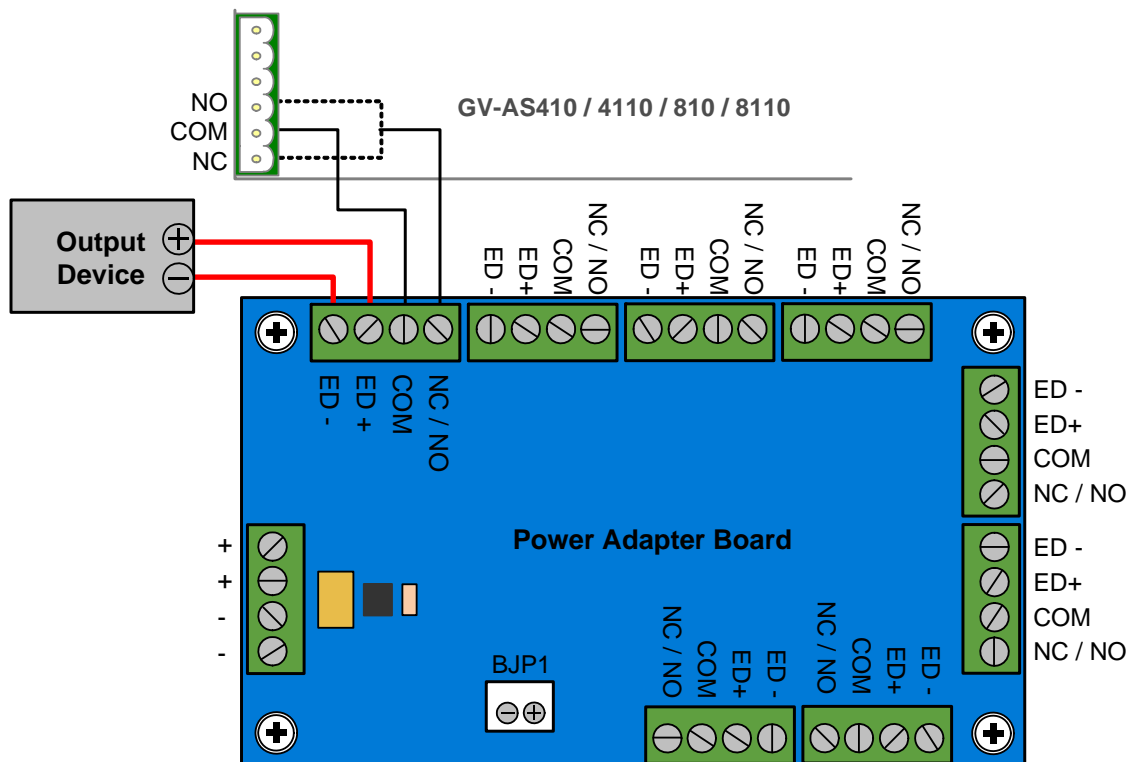
## Connecting the GV-AS410 / 4110 / 810 / 8110 Kit

Up to 8 output devices can be powered by the power adapter board. Connect each output device to one terminal block on the board.

1. Connect the **COM** pin on controller's output terminal block to the corresponding pin on the power adapter board. Connect the **NC / NO** pins according to the state of the output device.



2. Connect the **ED + / -** pins to the (+) and (-) points on the output device (ex: electric lock).



- When all connections are completed, connect the power supply to a power source.

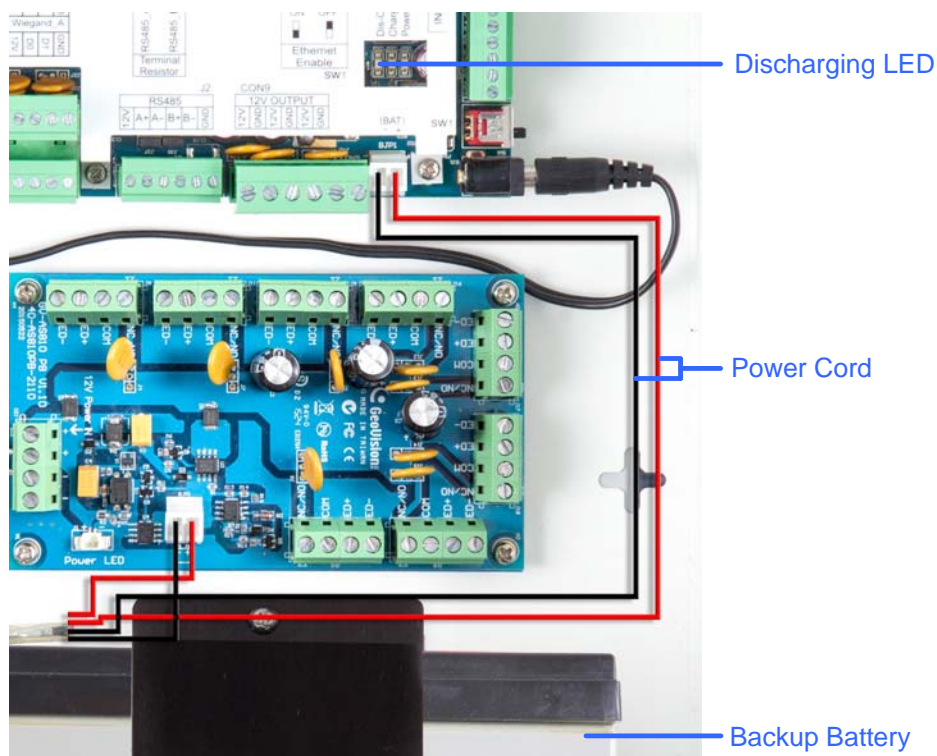
#### Note:

- The power supply of GV-AS410 / 4110 / 810 / 8110 Kit comes in US standard and EU standard. Make sure the device is connected with a voltage within its voltage range.
- You can place a backup battery in the supplied battery casing, and connect the backup battery to the controller board and the power adapter board. Refer to *Connecting Backup Battery* section in the GV-AS410 / 4110 / 810 / 8110 chapter of the GV-AS/EV Controller User's Manual.

## Connecting the Backup Battery

Prepare a backup battery (12V) to connect to the controller board and the power adapter board with the supplied power cord.

- Connect the end with two insulated sleeves to the battery.
- Connect the end with two plastic blocks to the controller board and the power adapter board.



## Specifications

### Power Adapter Board

<b>Output</b>	<b>DC Voltage Range</b>	12V
	<b>Rated Current</b>	0.9A
	<b>Rated Power</b>	10.8 W
<b>Number of connectors</b>	<b>Input</b>	2
	<b>Output</b>	8
<b>Wire Size (AWG)</b>		12 - 22

### Power Supply

<b>Output</b>	<b>DC Voltage Range</b>	12V
	<b>Rated Current</b>	12.5A
	<b>Current Range</b>	0~10A
	<b>Rated Power</b>	150 W
<b>Input</b>	<b>US Standard</b>	110 – 120V, 50 Hz / 60 Hz
	<b>EU Standard</b>	200 – 240V, 50 Hz / 60 Hz

### GV-AS410 / 4110 / 810 / 8110 Kit

<b>Dimensions (L x W x H)</b>	420 x 300 x 110 mm / 16.5 x 11.8 x 4.33 in
<b>Weight</b>	4.4 kg / 9.68 lb

All specifications are subject to change without notice.