GV-POE0410-E-V2 4-Port Gigabit 802.3at and 2 Gigabit SFP Industrial PoE Switch
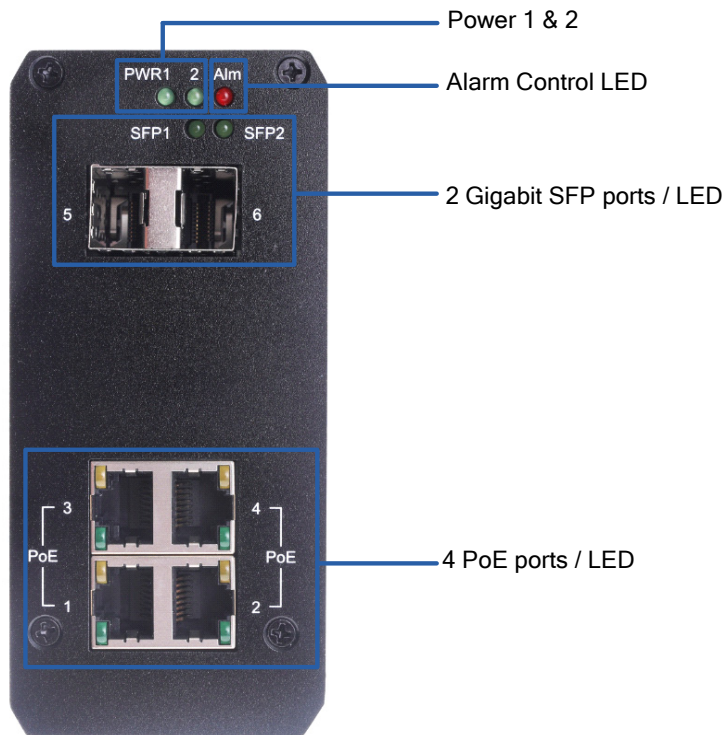

Packing List

1. GV-POE0410-E-V2
2. GV-POE0410-E-V2 Quick Installation Guide
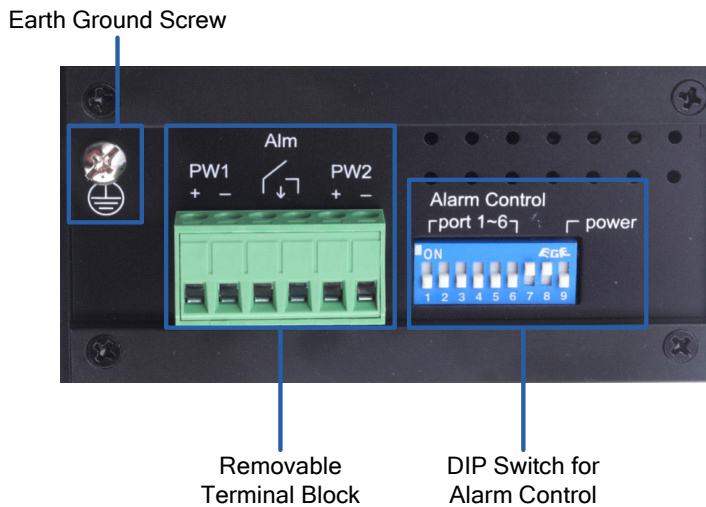
Note: If any of these items is found missing or damaged, please contact your local supplier for replacement.

Front Panel

Power 1 & 2

Alarm Control LED

2 Gigabit SFP ports / LED

4 PoE ports / LED

LED	Status	Description
PWR1	Green on	Power on
	Off	Power off
PWR2	Green on	Power on
	Off	Power off
Alm	Red on	Port link down or power failure
	Off	No event
Port 1~4	Green On	A network device is detected and links up
	Yellow On	A powered device is detected and links up
Port 5 & 6 (SFP)	Green on	The Gigabit SFP port links up

Bottom Panel

Earth Ground Screw

Removable
Terminal Block

DIP Switch for
Alarm Control

The GV-POE0410-E-V2 is featured with a redundant power supply for automatic power backup and supports alarms alerting for power and connection failure.

Power Supply

With DC power cables wired to both **PW1** and **PW2** on the terminal block, one of the power supplies provides backup power to be automatically switched to when the other fails.
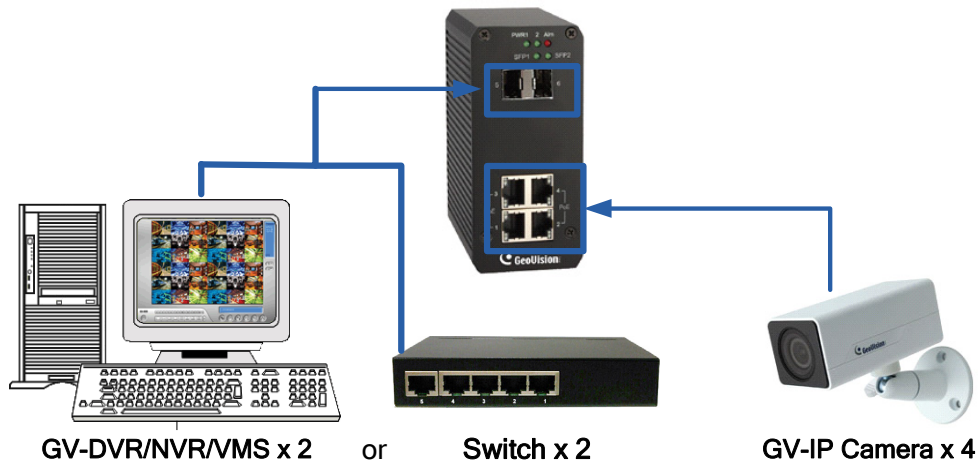
Alarm Control

With an alarm device wired to **Alm** on the terminal block, when any of the power supplies fails or any of the port links fails, the alarm is triggered. Use the dip switch to enable or disable the alarm function.

Terminal Block	Power 1	Connect to DC power input
	Power 2	Connect to DC power input
	Alarm control	Connect to an alarm output
Dip Switch	Switch 1 ~ 6	Switch up/down to turn on/off the alarm of corresponding port links on the front panel. Dip switch 1 ~ 4 corresponds to Port 1 ~ 4, and dip switch 5 & 6 correspond to SFP Ports 5 & 6 on the front panel.
	Switch 9	Switch up/down to enable/disable the alarm for power failure.

Note: 7 & 8 on the DIP Switch are currently non-functional.

Connecting up to 4 GV-IP Cameras and 2 GV-DVR / NVR / VMS

Through twisted pair cables, this switch can be connected to up to 4 GV-IP Cameras and 2 GV-DVR / NVR / VMS. You can also extend the connections by connecting to other switches.

GV-DVR/NVR/VMS x 2   or   Switch x 2   GV-IP Camera x 4

Note: The maximum cable length for Ethernet is 100 meters.

Specifications

Ports	
Number of Ports	6 ports, including: 4 PoE 10/100/1000BaseT(X) RJ 45 port 2 Gigabit SFP
Performance	
MAC Address	2K
Buffer Memory	128 KB
Jumbo Frames	9 KB
Transmission Method	Store and Forward
Transmission Media	10/100 BaseT(X) Cat. 5 UTP/STP 1000 BaseT Cat. 5e, 6 UTP/STP
Forwarding Rate	8.93 Mpps
Backplane Capacity	12 Gbps
Mechanical Characteristics	
LED Indicators	PoE per Port, SFP per Port, Power, Alarm
Alarm Control	7 dip switches
Electrical Characteristics	
PoE Power	Input	44 ~ 57 V/DC, 50 ~ 60 Hz
	Output	IEEE 802.3at Compliant Voltage, Per Port Max. 30 watts (4 Ports at Full 15.4 W / 4 Ports at Full 30 W)
Max. Power Consumption	127 W
Alarm Output	1 relay output, 1A, 24 V/DC
Redundant DC Power	Yes
General	
Dimensions (H x W x D)	120 x 55 x 108 mm (4.72" x 2.16" x 4.23")
Weight	0.62 kg (1.37 lb)
Operating Temperature	-40 °C ~ 75 °C (-40 °F ~ 167 °F)
Storage Temperature	-40 °C ~ 85 °C (-40 °F ~ 185 °F)
Humidity	5 ~ 90% RH (non-condensing)
Standards and Regulatory	
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z IEEE802.3x flow control, back pressure flow control IEEE 802.3af/at IEEE 802.3az Energy Efficient Ethernet (EEE)

Regulatory	CE, FCC Class A, RoHS compliant IEC61000-4-5 (Surge) Lv.5: Line to Line 4kV, Line to Ground 6kV at DC-In and Line to Ground 6kV at RJ-45 ports

Note: Specifications are subject to change without prior notice.