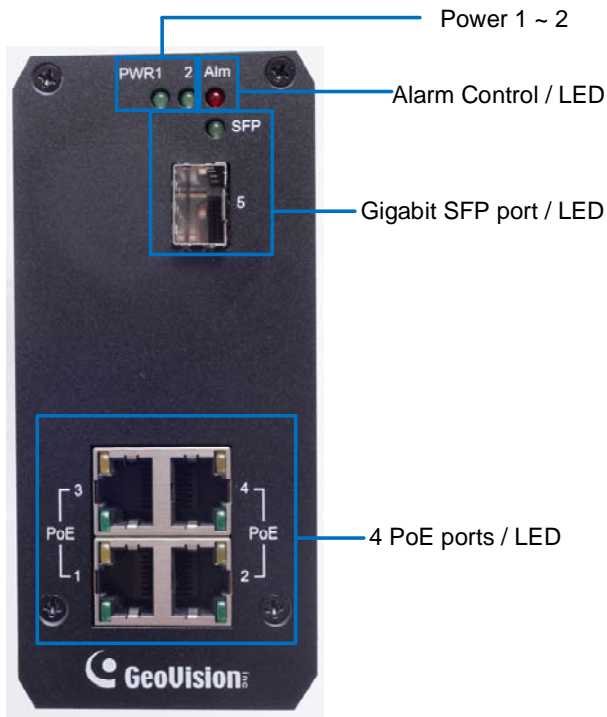# **GV-POE0410-E** 4-Port Gigabit 802.3at PoE Switch

Packing List

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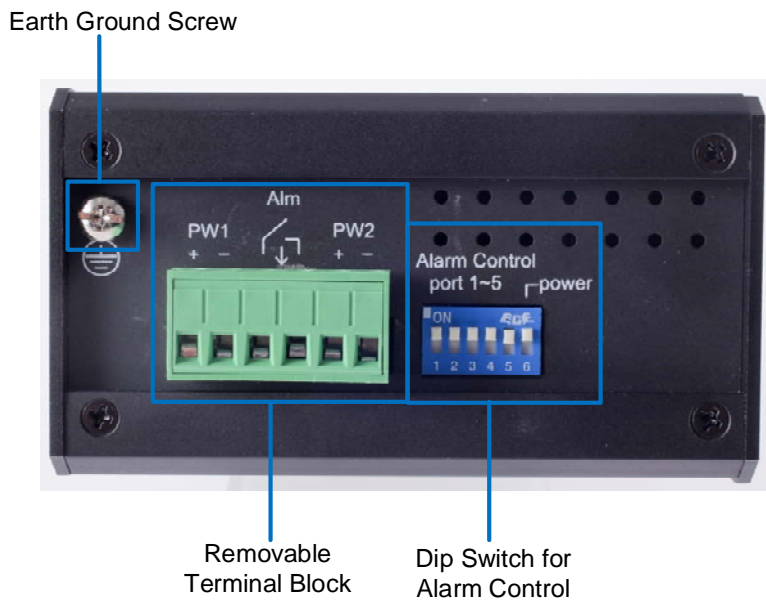
Note: If any of these items is found missing or damaged, please contact your local supplier for replacement.

Front Panel

Power 1 ~ 2

Alarm Control / LED

Gigabit SFP port / 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 (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 is featured with a redundant power supply for automatic power backup and supports alarms alerting for power and link 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 immediately if the other fails.
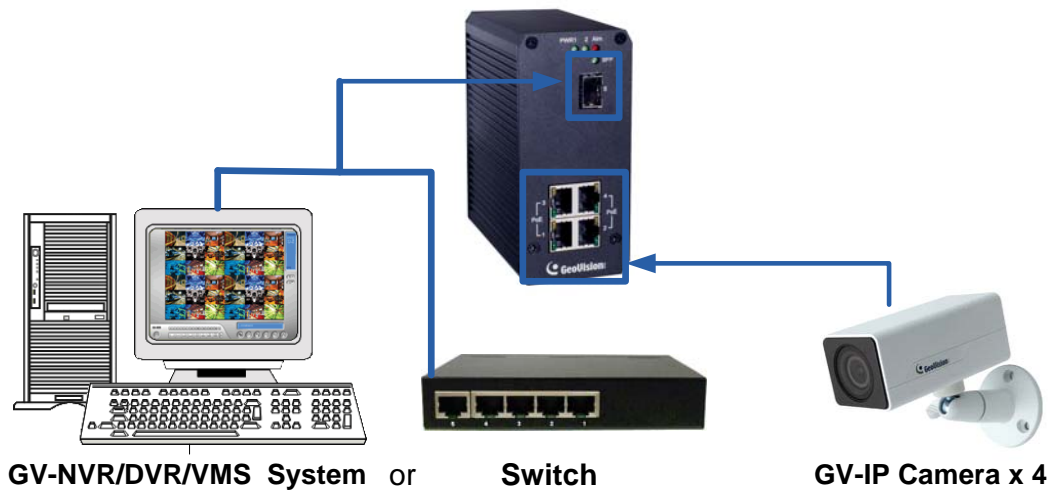
Alarm Control

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 will be 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 ~ 5	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 corresponds to Port 5 (SFP) on the front panel.
	Switch 6	Switch up/down to enable/disable the alarm for power failure.

Connecting up to 4 GV-IP Cameras and 1 GV-DVR/NVR/VMS System

Through twisted pair cables, this switch can be connected to up to 4 GV-IP Cameras and 1 GV-NVR/DVR/VMS System. You can also extend the connections by connecting to other switches.

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

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

Specifications

Ports	
Number of Ports	5 ports 4 PoE 10/100/1000BaseT(X) RJ 45 port 1 Gigabit SFP
Performance	
MAC Address	2K
Buffer Memory	1 Mbit
Jumbo Frames	9 KB
Transmission Method	Store and Forward
Transmission Media	10/100BaseT(X) Cat. 5 UTP/STP 1000BaseT Cat. 5e, 6 UTP/STP
Filtering / Forwarding Rates	10 Mbps port - 14,880 pps 100 Mbps port - 148,800 pps 1000 Mbps port - 1,488,000 pps
Backplane Capacity	10 Gbps
Mechanical Characteristics	
LED Indicators	Per Port, SFP, Power, Alarm
Alarm Control	6 dip switches
Electrical Characteristics	
PoE Power — Input	44 ~ 57 V/DC, 50 ~ 60 Hz
PoE Power — 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	130 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 4.25")
Weight	0.7 kg (1.54 lb)
Operating Temperature	-40°C ~ 70°C (-40°F ~ 158°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Humidity	0 to 95% 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
	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.