

# GV-APOE0410-E 4-port Gigabit 802.3at and 2-port Gigabit SFP Industrial PoE

## Switch



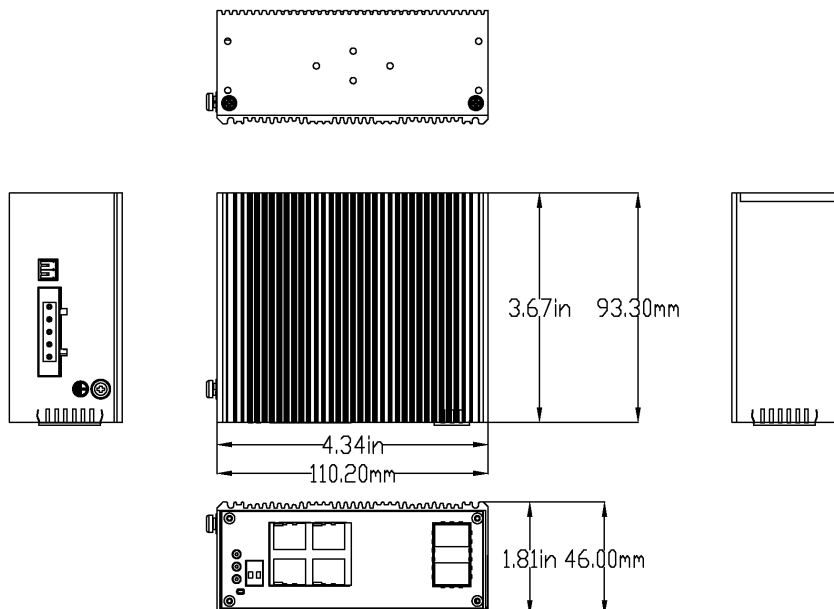
- 4-port PoE+ 10/100/1000 BaseT(X), 2-port Gigabit SFP
- IEEE 802.3at Compliant (4 Ports at Full 30 W)
- Max. 125 W power consumption
- Extreme temperature tolerance (-40 °C ~ 75 °C / -40 °F ~ 167 °F)
- Auto-MDI/MDI-X
- DIN-Rail Installation
- Redundant DC power
- Support for VLAN mode for network partition and enhanced performance
- Support for PD Alive Check
- PoE connection for network cables up to 250 m (820 ft) at 10 Mbps transfer rate
- 4 kV surge protection
- Up to 4 GV-IP Camera support

## Introduction

GV-APOE0410-E is an industrial-grade, unmanaged PoE switch with 4 PoE+ 10/100/1000 BaseT(X) ports and 2 Gigabit SFP ports. The switch supports IEEE 802.3at Power over Ethernet standard with up to 30 W per port and a maximum power consumption of 125 W. It not only eliminates the need for power cables to connect your powered devices (PD), such as IP cameras, but it also allows power supply over cables up to 250 m (820 ft) in length, at 10 Mbps.

The switch is ideal for small or medium network environments to strengthen network connection and efficiency. It includes the smart PD Alive Check feature and the option to isolate each PoE port for a faster forwarding rate of time.

## Dimensions



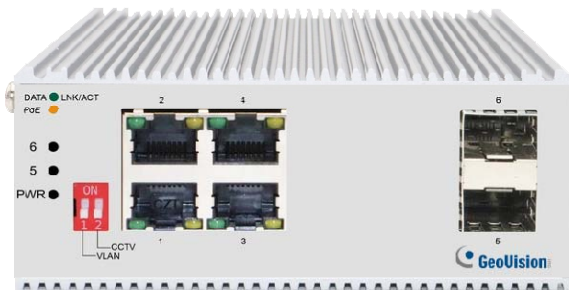
## Specifications

Ethernet		
Layer Supported	L2	
Ports		
Number of Ports	6 ports, including: 4 PoE 10/100/1000 BaseT(X) RJ-45 PoE+ ports 2 Gigabit SFP ports	
Performance		
MAC Address	4K	
Buffer Memory	1.5 Mb	
Jumbo Frames	9 KB	
Transmission Method	Store and Forward	
Transmission Media	10 BaseT Cat. 3, 4, 5 UTP 100 BaseTX Cat. 5, 5e UTP 1000 BaseT Cat. 5e, 5 UTP 1000 BaseX Cat. MMF, SMF	
Forwarding Rate	8.93 Mpps	
Backplane Capacity	12 Gbps	
PD Alive Check	Yes	
CCTV	Yes *When the CCTV function is enabled, PoE connection network cables can be extended up to 250 m (820 ft) at 10 Mbps transmission rate	
VLAN	Yes	
Mechanical Characteristics		
LED Indicators	PoE per Port, SFP per Port, Power, DATA	
Electrical Characteristics		
PoE Power	Input Voltage	48 ~ 57 VDC, 50 ~ 60 Hz
	Input Current	2.5A@48VDC
	Output	IEEE 802.3at Compliant Voltage, Per Port Max. 30 watts (4 Ports at Full 15.4 W / 4 Ports at Full 30 W)
PoE Mode	Mode A Ports (1, 2- / 3, 6 +)	
Max. Power Consumption	125 W (427 BTU)	
PoE Budget	120 W (409 BTU)	
Alarm Output	1 relay output, 1A, 24 V/DC	
Redundant DC Power	Yes	
General		
Dimensions (H x W x D)	110 x 90 x 46 mm (4.3" x 3.5" x 1.8")	
Weight	0.62 kg (1.37 lb)	
Operating Temperature	-40 °C ~ 75 °C (-40 °F ~ 167 °F)	
Storage Temperature	-40 °C ~ 80 °C (-40 °F ~ 176 °F)	
Humidity	5 ~ 95% RH (non-condensing)	
Surge Protection	Differential mode ±2KV, Common mode ±4KV	
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)	
Certifications	CE, FCC Class A, UKCA, RoHS compliant IEC61000-4-5 (Surge) Lv.4:Line to Line 2kV, Line to Ground 2kV at DC-in and Line to Ground 4kV at RJ-45 ports	





**Note:** Specifications are subject to change without prior notice.

**Front Panel**

**Back Panel**



**Accessories**

Name	Details
<p>GV-LC</p> 	<p>The SFP transceiver complies with IEEE 802.3z 1000 BaseSX Ethernet and provides a media transmission distance of up to 220 / 550 m.</p>
<p>GV-LC10</p> 	<p>The SFP transceiver complies with IEEE 802.3z 1000 BaseLX Ethernet and provides a media transmission distance of up to 10 km.</p>
<p>GV-LC V2</p> 	<p>The SFP transceiver complies with IEEE 802.3z 1000BaseSX Ethernet, and provides the media transmission distance up to 550 m.</p>
<p>GV-LC10 V2</p> 	<p>The SFP transceiver complies with IEEE 802.3z 1000BaseLX Ethernet, and provides the media transmission distance up to 20 km.</p>

**Packing List**

1. GV-APOE0410-E
2. Terminal Block x 2
3. Download Guide