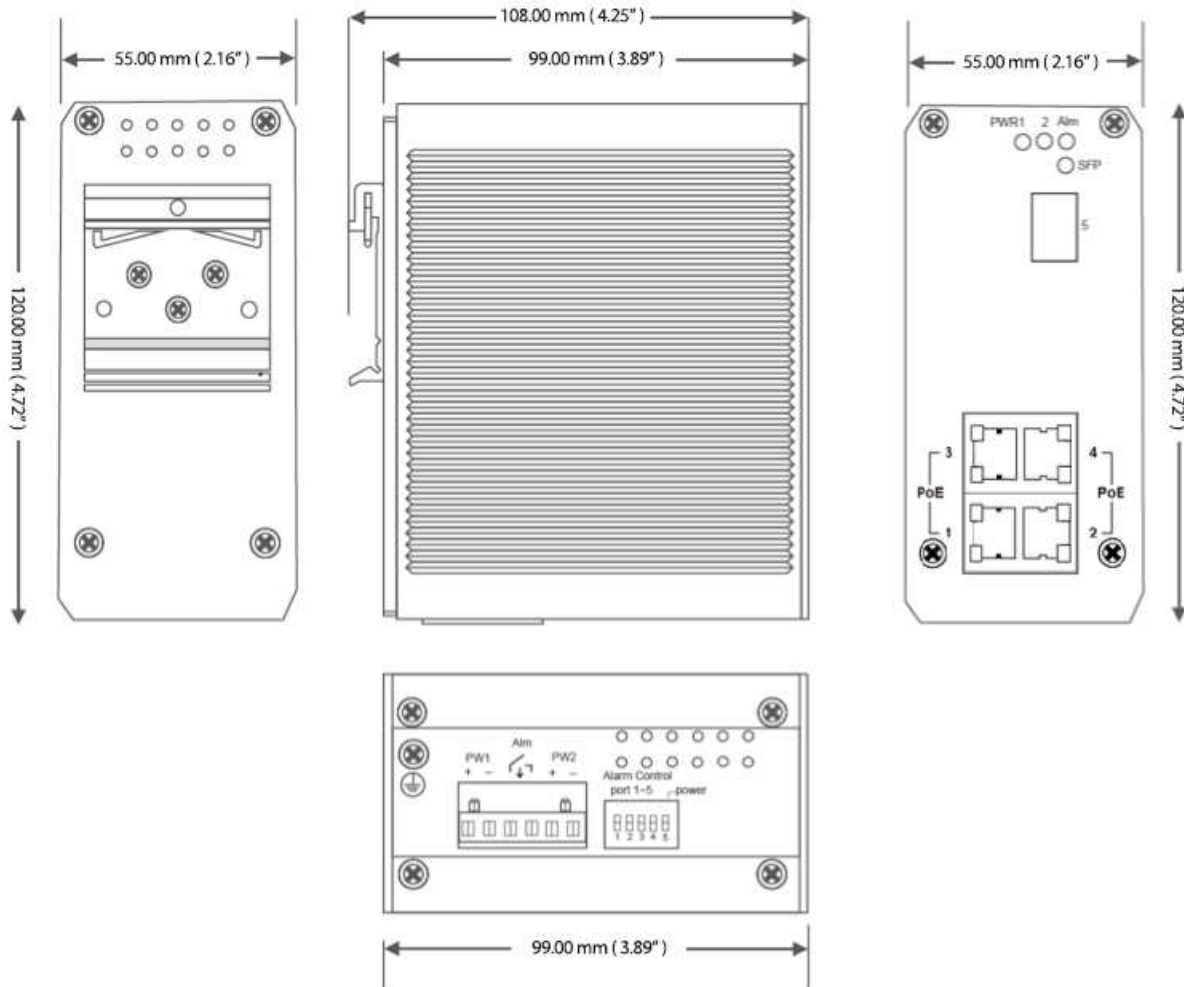# GV-PoE0410-E   4-port Gigabit 802.3at PoE Switch

- 4-port PoE+ 10/100/1000BaseT(X), 1 Gigabit SFP
- IEEE 802.3at Compliant (4 Ports at Full 30W)
- Max. 130 W power consumption
- Extreme temperature support (-40°C ~ 70°C /-40°F ~ 158°F)
- Auto-MDI/MDI-X
- Auto-Negotiation
- Alarm control
- DIN-Rail Installation
- Redundant DC power
- 6 kV surge protection
- Up to 4 GV-IP Cameras support

Introduction

The GV-POE0410-E is a 4-port PoE Switch with 4 PoE+ 10/100/1000BaseT(X) port and 1 Gigabit SFP. The switch supports IEEE 802.3at Power over Ethernet standard with up to 30 W per port and maximum 130 W power consumption per system. No special network cable is required for connecting your powered devices (PD), such as IP cameras. The GV-POE0410-E is featured with a redundant power supply for automatic power backup and supports alarms alerting for power and link failure. The switch is designed for small network environment to strengthen its network connection and efficiency.

Dimensions

Specifications

Ports

Number of Ports	5 ports, including: 4 PoE 10/100/1000 BaseT 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
	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.

Packing List

1. GV-POE0410-E x 1
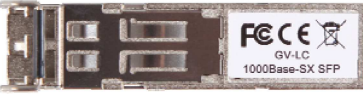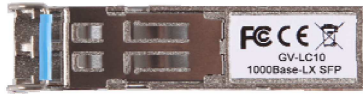
2. GV-POE0410-E Quick Start Guide x 1

Front Panel

Back Panel

Accessories

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