

# GV-POE0812 8-Port Gigabit 802.3at Web Management Layer 2+ Fully Managed PoE Switch

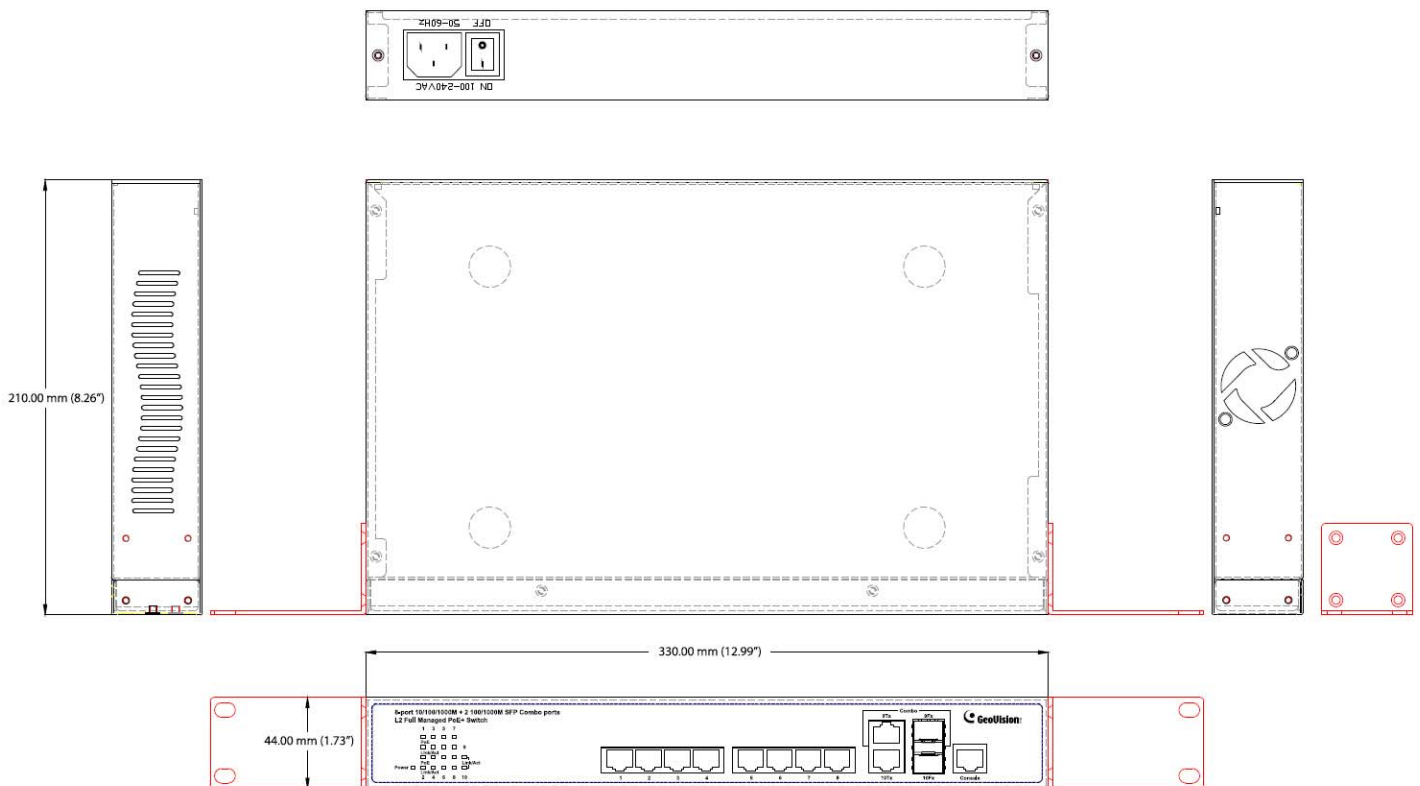
- 8-Port 10/100/1000BaseT(X), PoE+ with 2 SFP Open Slots
- IEEE 802.3at Compliant (8 Ports at Full 15.4 W)
- Layer 2+ Fully Managed Software Features (DHCP server, Static Routing)
- Up to 9.6 KB Jumbo Frame
- Web-based Configuration and Management
- VLAN, QoS, DSCP, RSTP, IGMP Snooping, Link Aggregation, LACP, Bandwidth Control, Storm Control
- Max. 130 W Power Consumption
- 6 kV Surge Protection
- Supports up to 8 GV-IP Cameras



## Introduction

GV-POE0812 is an 8-port 10/100/1000BaseT(X) with RJ-45 Connectors, PoE+ with 2 SFP Open Slots Rack-mount Web Smart PoE Switch. The switch supports IEEE 802.3at Power over Ethernet standard and maximum 130 W power consumption. No special network cable is required for connecting your power devices (PD), such as IP cameras. The switch also supports Layer 2+ full management software features, providing exceptionally smart Web management features such as VLAN, QoS, RSTP, IGMP Snooping, LACP, etc. The switch is designed for medium or large network environment to strengthen its network connection and efficiency.

## Dimensions



## Specifications

Ports		
Number of Ports	11 ports, including: 8-port 10/100/1000BaseT(X) with RJ-45 Connectors, PoE+ 2-port Gigabit Copper/SFP Combo Uplink Port 1-Console Port for CLI Management	
Performance		
MAC Address	8 K	
Buffer Memory	4 Mbits	
Jumbo Frames	9.6 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	20 Gbps	
Smart Features		
Layer supported	L2+ (DHCP Server, Static Routing)	
Port Based VLAN	10	
Tag Based VLAN	10, VID 1 ~ 4095	
IGMP Snooping	V1 & V2 & V3	
Link Aggregation	up to 5 groups	
Quality of Service (QoS)	up to 8 queues, 802.1p, DSCP	
Security	IEEE 802.1X, Source IP Filter, MAC Based Authentication, Web-Based Authentication, HTTPS, SSHv2, RADIUS (Authentication, Accounting), TACACS+ (Authentication), ACL (Access control list)	
Port Management	Port State, Speed/Duplex, Flow Control Configuration, Port Mirroring, Broadcast Storm Control, Maximum Frame Size, Excessive Collision Mode, PoE	
Administrator Management	Command Line Interface (CLI), Web Based Management, Telnet, Access Management Filtering (SNMP, WEB, SSH, TELNET), SNMP (v1, v2c, v3), RMON (1, 2, 3, 9 groups), DHCP (Client, Relay, Option82, Snooping), System Event and Error Log, HTTP for Software Download and Upgrade, Configuration Download and Upload, sFlow, Port Mirroring (One to One, Many to One) Remote Ping, NTP, LLDP, UPnP, IPv6 Configuration	
L2+ Features	DHCP Server, Static Routing)	
Mechanical Characteristics		
LED Indicators	Per Port, PoE, SFP, Power	
Electrical Characteristics		
PoE Power	Input	100 ~ 240 V/AC, 50 ~ 60 Hz
	Output	IEEE 802.3at Compliant Voltage, Per Port Max. 30 watts (8 Ports at Full 15.4 W / 4 Ports at Full 30 W)
PoE Mode	Mode B	
Max. Power Consumption	130 W	
General		
Dimensions (H x W x D)	44 x 330 x 210 mm (1.73" x 12.99" x 8.26")	
Weight	2.5 kg (5.51 lb)	
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)	
Storage Temperature	-20°C ~ 85°C (-4°F ~ 185°F)	
Humidity	5 to 90% RH (non-condensing)	

## Standards and Regulatory

Standards	<p>IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3az EEE</p> <p>IEEE 802.3x Flow Control</p> <p>IEEE 802.3ad Link Aggregation Control Protocol (LACP)</p> <p>IEEE 802.1Q VLAN Tagging</p> <p>IEEE 802.1p Class of Service, Priority Protocols</p> <p>IEEE 802.1D Spanning Tree Protocol</p> <p>IEEE 802.1w Rapid Spanning Tree Protocol</p> <p>IEEE 802.1s - Multiple Spanning Tree,</p> <p>IEEE 802.3at Power Over Ethernet (PoE+)</p> <p>IEEE 802.3af Power Over Ethernet (PoE)</p> <p>IEEE802.1v - Protocol VLAN</p> <p>IEEE 802.1AB - LLDP (Link Layer Discovery Protocol)</p> <p>IEEE 802.1X - Access Control</p>
Regulatory	<p>CE, FCC Class A, RoHS compliant</p> <p>IEC 61000-4-5(Surge) Lv.5: Line to Line 2kV, Line to Ground 6kV</p>

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

## Front View



## 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.

## Packing List

1. GV-POE0812
2. Screw x 8
3. Rack Mount Kit
4. AC Power Cord
5. Console cable
6. Software CD
7. GV-POE0812 Quick Start Guide