

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



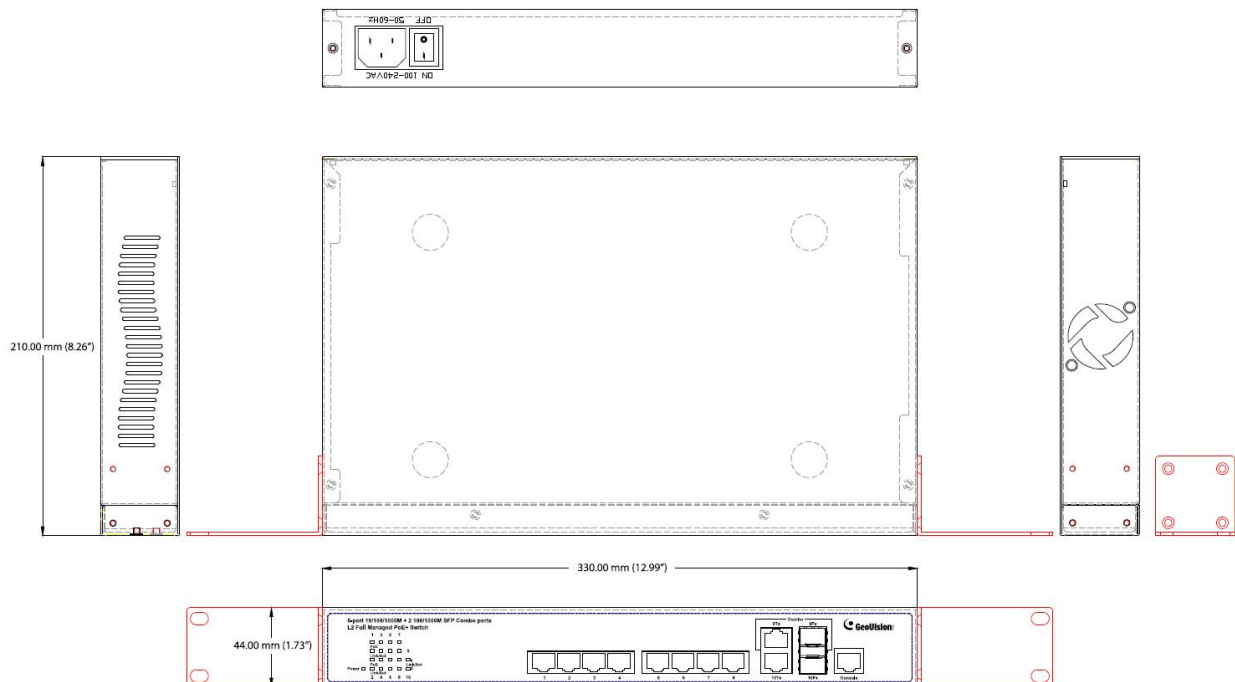
- 8-Port 10/100/1000BaseT(X), PoE+ with 2 SFP Open Slots
- IEEE 802.3af/at Compliant
- Layer 2+ Fully Managed Software Features (DHCP server, Static Routing)
- Up to 9.6 KB Jumbo Frame
- Web-based Configuration and Management
- VLAN, QoS, DSCP, RSTP, IGMP Snooping, Link Aggregation, LACP, Bandwidth Control, Storm Control
- Max. 119 W PoE Budget
- 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 802.3af/at Power over Ethernet standard, with a maximum PoE budget of 119 W. It eliminates the need for power cables to connect your powered devices (PD), such as IP cameras.

The switch also provides exceptionally smart Web management features such as VLAN, QoS, RSTP, IGMP Snooping, LACP, and more. It is perfect for medium or large network environments to strengthen 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)
Power over Ethernet	
PoE Standard	IEEE 802.3af/at compliant
PoE Max Power per Port	30 W
PoE Power Budget	119 W
PoE Mode	Mode B
Mechanical	
LED Indicators	Per Port, PoE, SFP, Power
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)
Surge Protection	Differential Mode ±2 kV, Common Mode ±6 kV
Power Requirements	
Power Input	100 ~ 240 V/AC, 50 ~ 60 Hz
Max Power Consumption	130 W
Standards and Certifications	
Standards	IEEE 802.3i - 10BaseT IEEE 802.3u - 100BaseTX IEEE 802.3ab - 1000BaseT IEEE 802.3z - 1000BaseSX/LX IEEE 802.3af - Power Over Ethernet (PoE) IEEE 802.3at - Power Over Ethernet Plus (PoE+)

	IEEE 802.3az - Energy Efficient Ethernet (EEE) IEEE 802.3x - Full Duplex Ethernet Flow Control IEEE 802.3ad - Link Aggregation Control Protocol (LACP) IEEE 802.1Q - VLAN IEEE 802.1v - Protocol VLAN IEEE 802.1p - Class of Service (CoS) IEEE 802.1D - Spanning Tree Protocol (STP) IEEE 802.1w - Rapid Spanning Tree Protocol (RSTP) IEEE 802.1s - Multiple Spanning Tree Protocol (MSTP) IEEE 802.1AB - Link Layer Discovery Protocol (LLDP) IEEE 802.1X - Port-Based Network Access Control (PNAC)
Certifications	CE, FCC Class A, RoHS compliant, IEC 61000-4-5 Lv.5

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 (772 / 1804 ft).
GV-LC10		The SFP transceiver complies with IEEE 802.3z 1000BaseLX Ethernet, and provides the media transmission distance up to 10 km (6 mi).
GV-LC V2		The SFP transceiver complies with IEEE 802.3z 1000BaseSX Ethernet, and provides the media transmission distance up to 550 m (1804 ft).
GV-LC10 V2		The SFP transceiver complies with IEEE 802.3z 1000BaseLX Ethernet, and provides the media transmission distance up to 20 km (12 mi).

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