GV-POE1611   16-Port Gigabit 802.3at Web Management PoE Switch
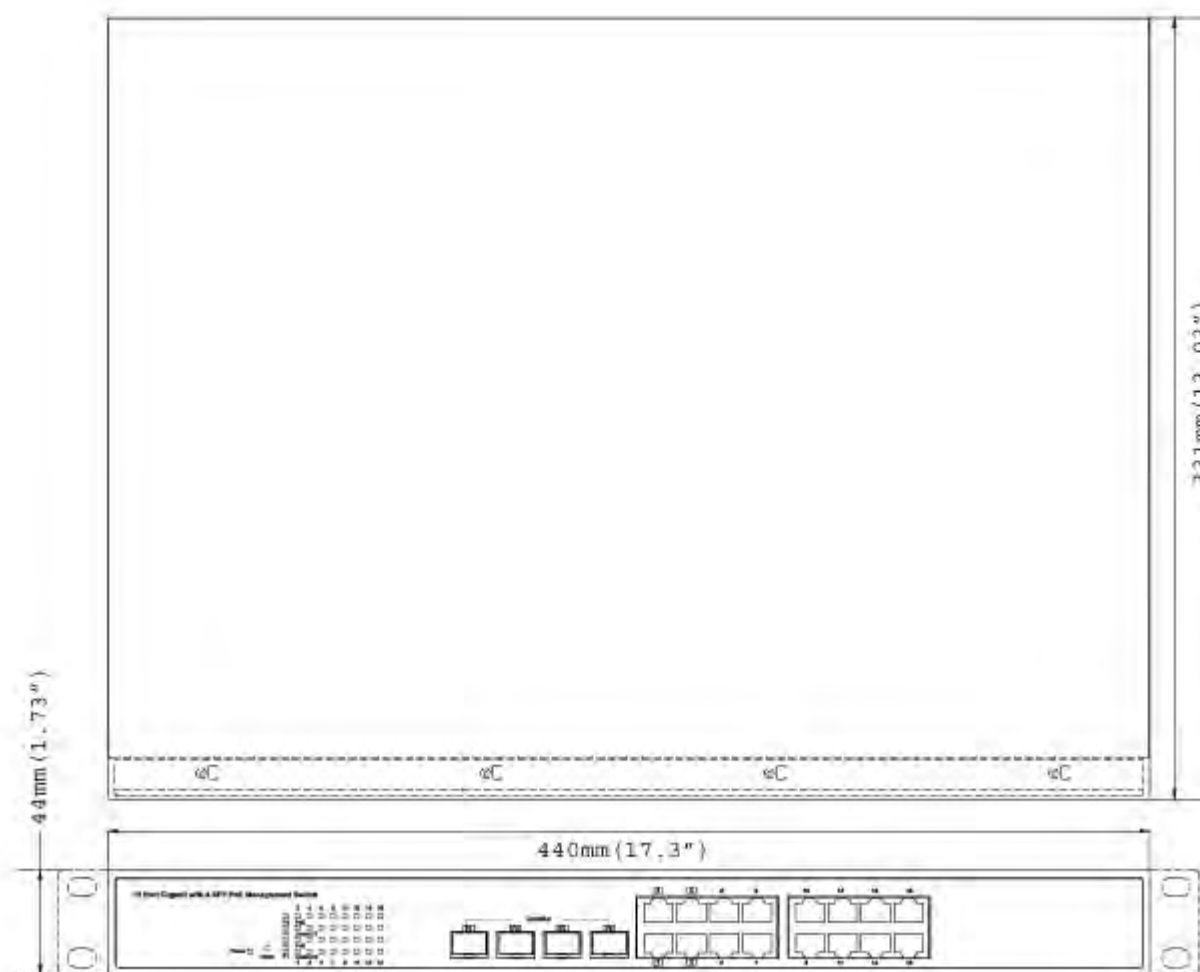
- 16-Port 10/100/1000BaseT(X), PoE+ with 4 SFP Combo Uplink Ports
- IEEE 802.3at Compliant (16 Ports at Full 15.4 W)
- Up to 9.6 KB Jumbo Frame
- Web-based Configuration and Management
- VLAN, QoS, DSCP, RSTP, IGMP Snooping, Link Aggregation, LACP, Port Security, Bandwidth Control, Storm Control
- Max. 250 W power consumption
- 19" Rack-mount
- Up to 15 GV-IP Cameras support

Introduction

The GV-POE1611 is a 16-port 10/100/1000BaseT(X) PoE+ with 4 combo SFP Rack-mount Web Smart PoE Switch. The switch supports IEEE 802.3at Power over Ethernet standard and maximum 250 W power consumption, and no special network cable is required for connecting 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, Port Security, etc. The switch is designed for medium or large network environment to strengthen its network connection and efficiency. It also gives you the option of installing it in a 19" cabinet with a rack-mount kit or underneath a desk.

Dimensions

Specifications

Ethernet	
Layer Supported	L2

Ports	
Number of Ports	16 ports 16-port 10/100/1000BaseT(X) with RJ-45 Connectors, PoE+ 4-port SFP Combo Uplink Port

Performance	
MAC Address	8 K
Buffer Memory	4 M bits
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	32 Gbps

Smart Features	
Port Based VLAN	16
Tag Based VLAN	16, VID 1~4094
IGMP Snooping	V1 & V2
Link Aggregation	up to 8 groups
Quality of Service (QoS)	up to 4 queues, 802.1p, DSCP
Security	IEEE 802.1X, Source IP Filter
Port Management	Port State, Speed/Duplex, Flow Control Configuration, Port Mirroring , Bandwidth Control, Broadcast Storm Control, PoE
Administrator Management	Web Management, Password Protection, Configuration, Backup / Restore, Firmware Upgrade

Mechanical Characteristics	
LED Indicators	Per Port: Link/Act PoE Act/Status Power

Electrical Characteristics		
PoE Power	Input	100 ~ 240 V/AC, 50 ~ 60 Hz
	Output	IEEE 802.3at Compliant Voltage, Per Port Max. 30 watts (16 Ports at Full 15.4 W / 8 Ports at Full 30 W)
PoE Power Supply Type		End-Span
Max. Power Consumption		250 W

General	
Dimensions (H x W x D)	44 x 440 x 331 mm (1.73" x 17.3" x 13.03")
Weight	4.6 kg (10.14 lb)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 90°C (-4°F ~ 194°F)
Humidity	10 to 90% RH (non-condensing)

Standards and Regulatory	
Standards	IEEE 802.3 10BaseT, IEEE 802.3u 100BaseTX, IEEE 802.ab 1000BaseT, IEEE 802.3z 1000BaseSX/LX IEEE 802.3x Full-duplex and Flow Control IEEE 802.3ad Link Aggregation Control Protocol IEEE 802.1Q VLAN IEEE 802.1p Class of Service IEEE 802.1D Spanning Tree Protocol IEEE 802.1w Rapid Spanning Tree Protocol IEEE 802.1X Port-based Network Access Control IEEE 802.3at Power Over Ethernet (PoE+)
Regulatory	CE, FCC Class A

Note:
1. The switch is a plug-and-play device and compatible with all SFP modules.
2. Specifications are subject to change without 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-POE1611 x 1
2. AC Power Cord x 1
3. Screw x 8
4. Rack Mount Kit x 1
5. User's Manual CD x 1
6. GV-POE1611 Quick Start Guide x 1