

## GV-POE1601 16-Port 802.3at Web Management PoE Switch

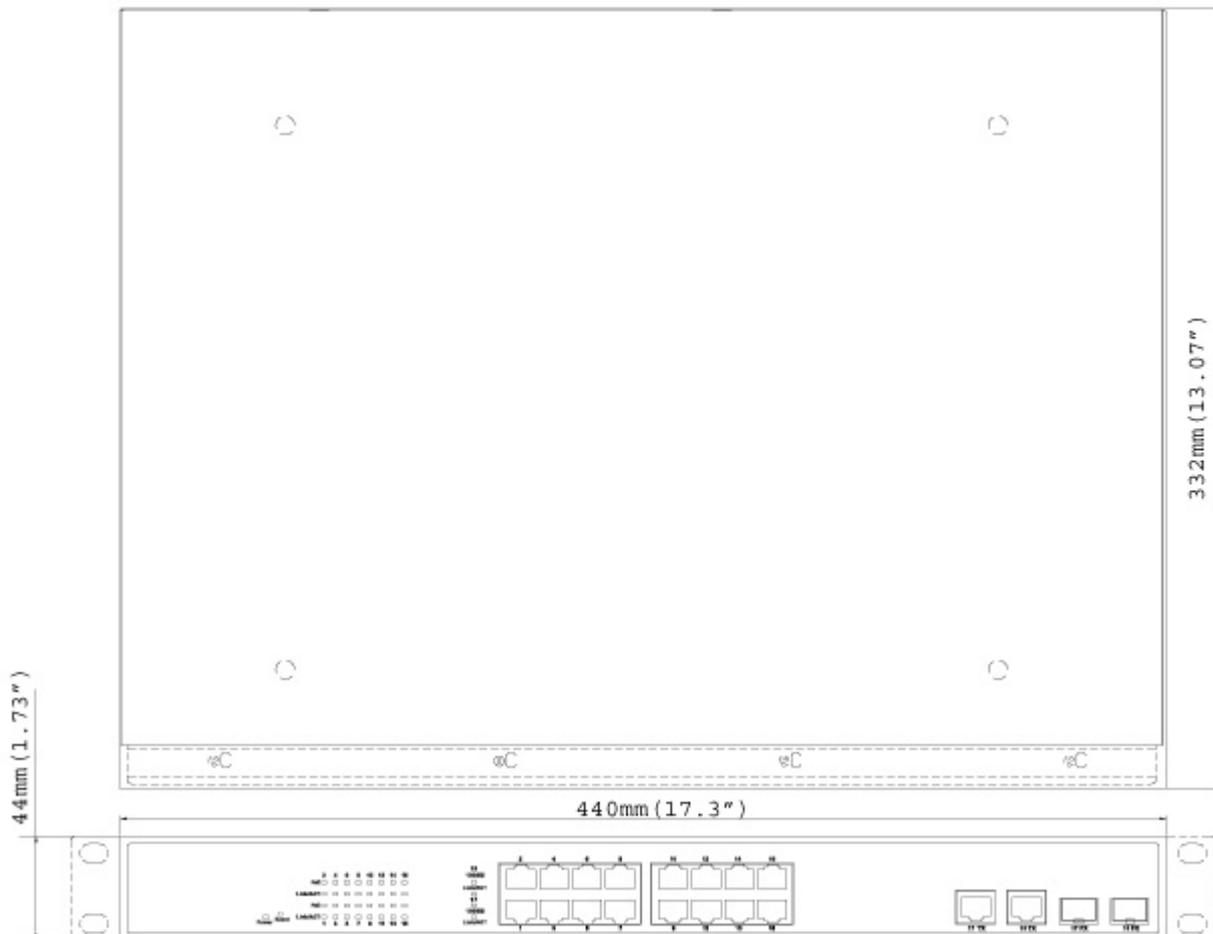


- 16-Port 10/100BaseTX, PoE+ plus 2-Port Gigabit Copper/SFP Combo Uplink Port
- IEEE 802.3at compliant (16 Ports at Full 15.4 W)
- Web-based configuration and management
- VLAN, QoS, RSTP, IGMP Snooping, LACP, Port Security, Bandwidth Control, Storm Control
- Max. 250 W power consumption
- 19" rack-mount
- Up to 16 GV-IP Cameras support

### Introduction

GV-POE1601 is a 16-port 10/100BaseTX with RJ-45 Connectors, PoE+ plus 2-port Gigabit Copper/SFP Combo Uplink Port Rack-mount Web Smart PoE Switch. The switch supports IEEE 802.3at Power over Ethernet standard, up to 30 W per port and maximum 250 W power consumption per system, 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            |        | 18 ports<br>16-port 10/100BaseTX with RJ-45 Connectors, PoE+<br>2-port Gigabit Copper/SFP Combo Uplink Port           |
| Performance                |        |   |
| MAC Address                |        | 4 K   |
| Buffer Memory              |        | 2.75 M bits   |
| Transmission Method        |        | Store and Forward   |
| Transmission Media         |        | 10/100BaseTX Cat. 5 UTP/STP<br>1000BaseT Cat. 5e, 6 UTP/STP   |
| Filtering/Forwarding Rates |        | 10 Mbps port - 14,880 pps<br>100 Mbps port - 148,800 pps<br>1000 Mbps port - 1,488,000 pps                            |
| Backplane Capacity         |        | 7.2 Gbps  |
| Smart Features             |        |   |
| Port Based VLAN            |        | 18  |
| Tagged Based VLAN          |        | 32, VID = 1 ~ 4094  |
| IGMP Snooping              |        | V1 & V2   |
| Link Aggregation           |        | 1, Gigabit ports  |
| Quality of Service (QoS)   |        | High & Low priority queues, 802.1p  |
| Security                   |        | Port & MAC binding, 3 MAC per port  |
| 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<br>PoE Act/Status<br>Power   |
| Electrical Characteristics |        |   |
| PoE Power                  | Input  | 100 ~ 240 V/AC, 50 ~ 60 Hz  |
|                            | Output | IEEE 802.3at Compliant Voltage, Per Port Max. 30 watts<br>(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 332 mm (1.73" x 17.3" x 13.07")  |
| Weight                     |        | 4.2 kg (9.26 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<br>IEEE 802.3x Flow Control<br>IEEE 802.3ad Link Aggregation Control Protocol<br>IEEE 802.1Q VLAN<br>IEEE 802.1p Class of Service<br>IEEE 802.1D Spanning Tree Protocol<br>IEEE 802.1w Rapid Spanning Tree Protocol<br>IEEE 802.3at Power Over Ethernet (PoE+) |
| Regulatory | CE, FCC Class A, RoHS compliant  |

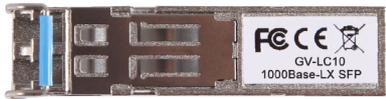
**Note:**

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

## Packing List

1. GV-POE1601
2. Screw x 8
3. Rack Mount Kit
4. AC Power Cord
5. Software CD
6. GV-POE1601 Quick Start Guide