

## GV-POE1601-V2 16-Port 802.3at Web Management PoE Switch

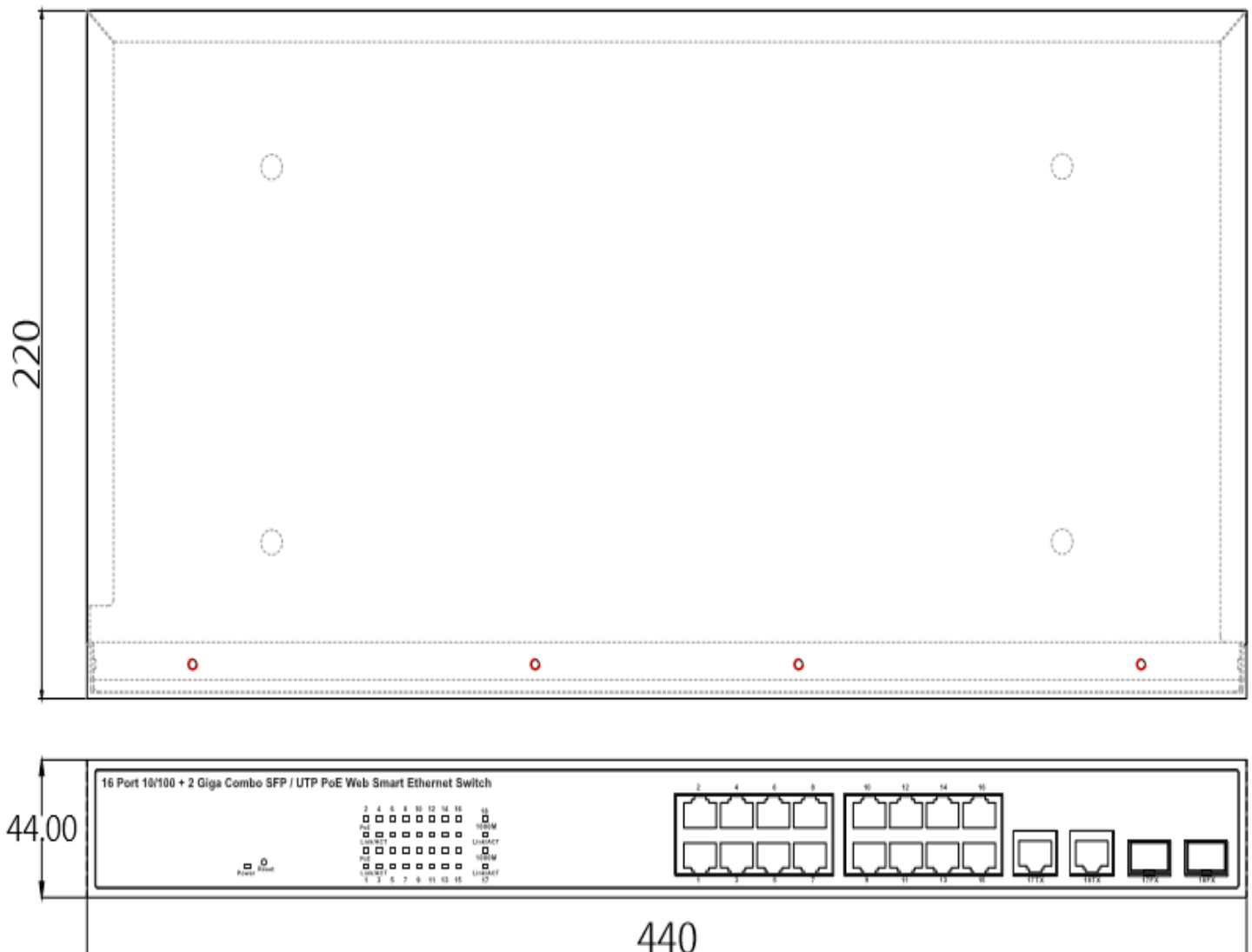


- 16-Port 10/100BaseTX, PoE+ plus 2-Port Gigabit Copper/SFP Combo Uplink Port
- IEEE 802.3at compliant (16 Ports at Full 15.4 W)
- Web-based configuration and management
- VLAN, QoS, RSTP, IGMP Snooping, Port Security, Bandwidth Control, Storm Control
- Max. 250 W power consumption
- 19" rack-mount
-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

### Introduction

The GV-POE1601-V2 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, 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 16-port 10/100BaseTX with RJ-45 Connectors, PoE+ 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 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	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 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 220 mm (1.73" x 17.32" x 8.66")	
Weight	3.3 kg (7.27 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 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 802.3at 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	 <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-V2 x 1
2. Screw x 8
3. Rack Mount Kit x 1
4. AC Power Cord x 1
5. Software CD x 1
6. GV-POE1601-V2 Installation Guide x 1