

## **GV-POE2401-V2 24-Port 802.3at Web Management PoE Switch**



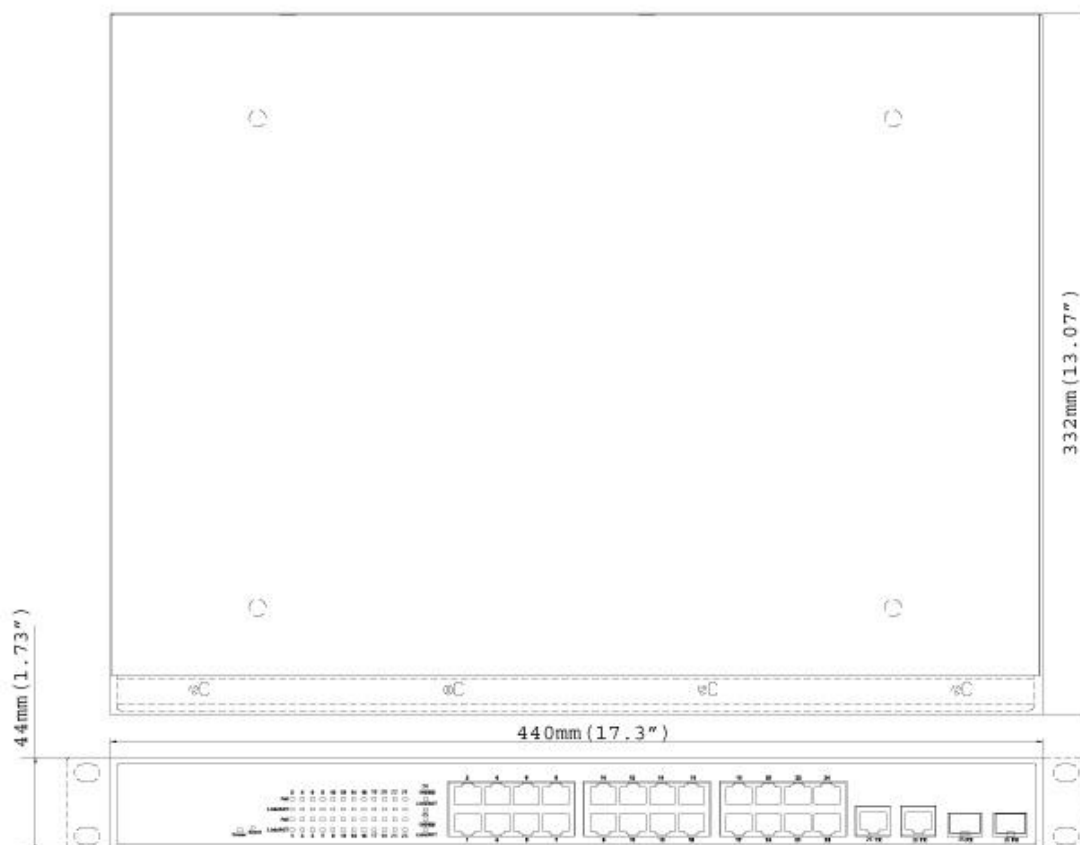
- 24-Port 10/100BaseTX PoE+ plus 2-Port Gigabit Copper/SFP Combo Uplink Port
- IEEE 802.3at Compliant (24 Ports at Full 15.4 W)
- Web-based Configuration and Management
- VLAN, QoS, RSTP, IGMP Snooping, LACP, Port Security, Bandwidth Control, Storm Control
- Max. 400 W power consumption
- 19" Rack-mount
- Up to 24 GV-IP Cameras support

### **Introduction**

GV-POE2401-V2 is a 24-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, with up to 30 W per port and a maximum power consumption of 400 W. It eliminates the need for power cables to connect your powered devices (PD), such as IP cameras. The switch provides exceptionally smart Web management features, such as VLAN, QoS, RSTP, IGMP Snooping, LACP, Port Security, and more.

The switch is perfect for medium or large network environments to strengthen 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		26 ports 24-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		8.8 Gbps
Smart Features		
Port Based VLAN		26
Tagged Based VLAN		32, VID = 1~4094
IGMP Snooping		V1 & V2
Link Aggregation		3 groups
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 (24 Ports at Full 15.4 W / 13 Ports at Full 30 W)
PoE Mode		Mode B
Max. Power Consumption		400 W (1365 BTU)
PoE Budget		390 W (1331 BTU)
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 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, 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		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-POE2401-V2
2. Screw x 8
3. Rack Mount Kit
4. AC Power Cord
5. Download Guide
6. GV-POE2401-V2 Installation Guide