

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



- 16-Port 10/100BaseTX, PoE+ plus 2-Port Gigabit Copper/SFP Combo Uplink Port
- IEEE 802.3af/at compliant
- Web-based configuration and management
- VLAN, QoS, RSTP, IGMP Snooping, Port Security, Bandwidth Control, Storm Control
- Max. 235 W PoE Budget
- 19" rack-mount
- Up to 16 GV-IP Cameras support

Introduction

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 802.3af/at Power over Ethernet standard, with up to 30 W per port and a maximum PoE budget of 235 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, 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
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Ports

Number of Ports	18 ports 16-port 10/100BaseTX with RJ-45 Connectors, PoE+ 2-port Gigabit Copper/SFP Combo Uplink Port
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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

Power over Ethernet

PoE Standard	IEEE 802.3af/at
PoE Max Power per Port	30 W
PoE Power Budget	235 W
PoE Mode	Mode B

Mechanical

LED Indicators	Per Port: Link/Act PoE Act/Status Power
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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)

Power Requirements

Power Input	100 ~ 240 V/AC, 50 ~ 60 Hz
Max Power Consumption	250 W

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+)
Certification	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.

Packing List

1. GV-POE1601-V2
2. Screw x 8
3. Rack Mount Kit
4. AC Power Cord
5. Download Guide
6. GV-POE1601-V2 Installation Guide

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.
GV-LC V2		The SFP transceiver complies with IEEE 802.3z 1000BaseSX Ethernet, and provides the media transmission distance up to 550 m.
GV-LC10 V2		The SFP transceiver complies with IEEE 802.3z 1000BaseLX Ethernet, and provides the media transmission distance up to 20 km.