

## GV-APOE1611-V2 16-Port Gigabit Web Management PoE Switch



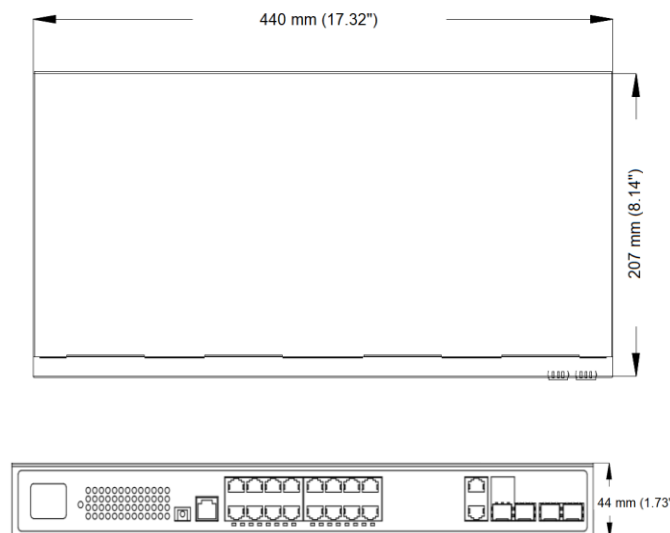
- 16-Port 10/100/1000BaseT(X) PoE+ with 2 SFP Uplink Ports and 2 Combo Uplink Ports
- IEEE 802.3at Compliant (16 Ports at Full 15.4 W)
- Web-based Configuration and Management
- VLAN, QoS, DSCP, RSTP, IGMP Snooping, Link Aggregation, LACP, Port Security, Bandwidth Control, Storm Control
- PD Alive Monitor
- ONVIF Discover
- PoE Schedule
- PoE connection for network cables up to 250 m (820 ft) at 10 Mbps transfer rate
- Max. 280 W power consumption
- 19" Rack-mount
- Up to 16 GV-IP Cameras support

### Introduction

GV-APOE1611-V2 is a 16-Port 10/100/1000BaseT(X) PoE+ Web Smart PoE Switch with 2 SFP uplink ports and 2 Combo uplink ports. The switch supports IEEE 802.3at Power over Ethernet standard with a maximum power consumption of 280 W. It not only eliminates the need for power cables to connect your powered devices (PD), such as IP cameras, but it also allows power supply over cables up to 250 m (820 ft) in length, at 10 Mbps.

Perfect for medium or large network environments to strengthen network connection and efficiency, the switch provides exceptionally smart Web management features, including VLAN, QoS, RSTP, IGMP Snooping, LACP, Port Security, and more. In addition, GV-APOE1611-V2 gives you the option of installing it in a 19" cabinet with a rack-mount kit or underneath a desk.

### Dimensions



## Specifications

<b>Ethernet</b>		
Layer Supported	L2	
<b>Ports</b>		
Number of Ports	16-port 10/100/1000BaseT(X) with RJ-45 Connectors, PoE+ 2-port SFP Uplink Port 2-port Combo Uplink Port	
<b>Performance</b>		
MAC Address	8 K, Auto-Learning, Auto-Aging	
Buffer Memory	4.1 M bits	
Transmission Method	Store and Forward	
Transmission Media	10/100BaseT(X) Cat. 5 UTP/STP 1000BaseT Cat. 5e, 6 UTP/STP	
Filtering/Forwarding Rates	29.76 Mpps	
Backplane Capacity	40 Gbps	
<b>Smart Features</b>		
VLAN	Management VLAN, Private VLAN, Voice VLAN, Surveillance-VLAN Q-in (Double Tag), 802.1v Protocol VLAN, MAC-Based VLAN	
Network	IPv4 / IPv6, DHCP Client / DHCPv6 Client	
IGMP Snooping	IGMP Snooping / Filter, MLD Snooping, MVR	
Link Aggregation	Load Balance, LAG, LACP	
Quality of Service (QoS)	QOS Apply: Port Based, 802.1p, CoS, DSCP, IP Precedence, TCP/UDP (IPv4/IPv6), QOS Scheduling: WRR, Strict Priority, DSCP & CS, IPv4 Qos (QCEs), IPv6 Qos (QCEs)	
ARP	IP Source Guard, Dynamic ARP Inspection, DoS	
DHCP	IP DHCP Snooping, Option82, 62, 67	
STP	STP/ MSTP/RSTP. STP Root Guard, Bpdu Guard, Loop Detection	
SNMP	SNMP Community, SNMP View, SNMP Trap, SNMP (V1, V2C, V3)	
RMON	RMON (1, 2, 3, 9)	
ACL	L2+/L3/L4, IPv6 Support, Management Access List	
AAA	TACACS+, Radius	
Discovery	LLDP, MED	
ONVIF	ONVIF Detect, ONVIF Discover, ONVIF Server	
PoE Configuration	PoE Port Configuration, PoE Delay, PD Alive Monitor, PoE Schedule	
Diagnostics	IPv6 Ping, Traceroute, Cable Test, DDMI	
Port Management	Basic config (speed, duplex, flow control), Statistics, Storm Control, Rate Limit, Port-Security, Port Mirror, Port Protected, EEE, Jumbo Frame	
Administrator Management	Basic info, System Status, User Management, SNTP, Import/Export Config, Firmware Upgrade, System Reboot, Restore Factory	
Syslog	Logging Management, Debug	
<b>Mechanical Characteristics</b>		
LED Indicators	Per Port: Link/Act PoE Act/Status Power System	
<b>Electrical Characteristics</b>		
PoE Power	Input	100 ~ 240 V/AC, 50 / 60 Hz
	Output	IEEE 802.3at Compliant Voltage, Per Port Max. 32 watts (16 Ports at Full 15.4 W / 8 Ports at Full 32 W)
PoE Mode	Mode A	
Max. Power Consumption	280 W (955 BTU)	
PoE Budget	250 W (853 BTU)	

General	
Dimensions (H x W x D)	44 x 440 x 207 mm (1.73" x 17.32" x 8.14")
Weight	2.56 kg (5.64 lb)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-40°C ~ 70°C (-40°F ~ 158°F)
Humidity	10 to 90% RH (non-condensing)
Surge Protection	±6 kV
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 802.1s Multiple Spanning Tree Protocol IEEE 802.1X Port-based Network Access Control IEEE 802.3at Power Over Ethernet (PoE+)
Regulatory	CE, FCC Class A, RoHS compliant

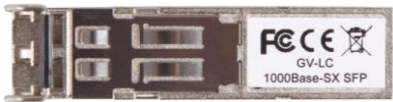
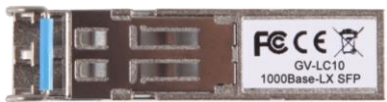
**Note:**

1. The switch is a plug-and-play device and compatible with all SFP modules.
2. Specifications are subject to change without notice.

## Rear 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-APOE1611-V2 x 1
2. Power Cord x 1
3. Screws x 8
4. Rack Mount Kit
5. Rubber Feet x 4