

## GV-APOE0811-V2 8-Port Gigabit 802.3at Web Management PoE Switch



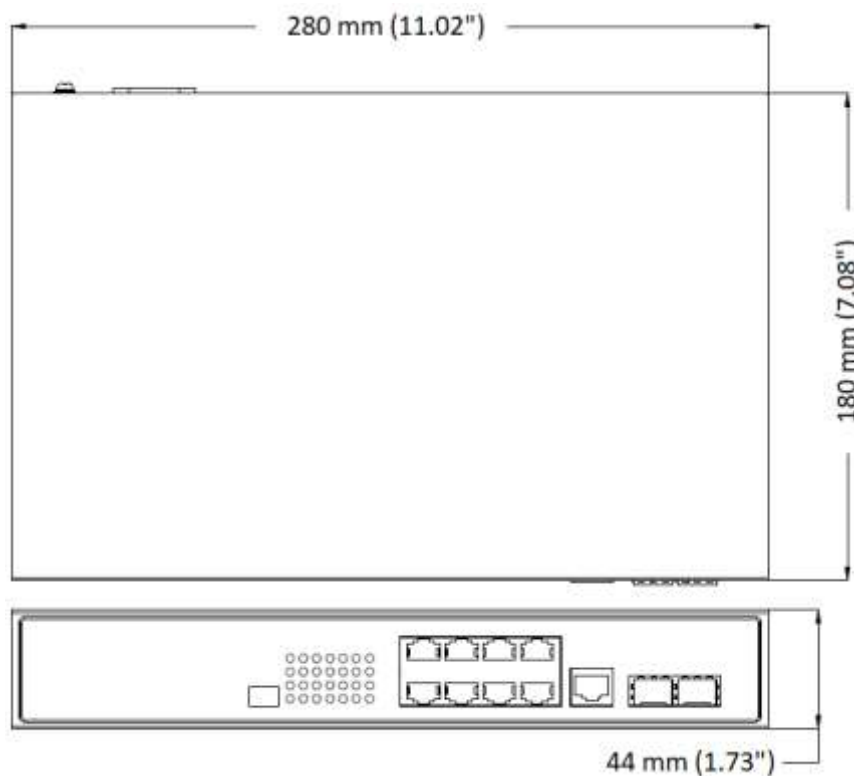
- 8-Port 10/100/1000BaseT(X) PoE+ with 2 SFP Uplink Ports
- IEEE 802.3at compliant (8 ports at Full 15.4W)
- VLAN, QoS, DSCP, RSTP, IGMP Snooping, Link Aggregation, LACP, Port Security, Bandwidth Control, Storm Control
- Support for PD Alive Monitor
- Support for ONVIF Discover
- PoE connection for network cables up to 250 m (820 ft) at 10 Mbps
- Max. 150 W power consumption
- 19" Rack-mount
- Up to 8 GV-IP Cameras support

### Introduction

GV-APOE0811-V2 is an 8-Port 10/100/1000BaseT(X) PoE+ Web Smart PoE Switch with 2 SFP uplink ports. The switch supports IEEE 802.3at Power over Ethernet standard for a maximum power consumption of 150 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 network cables of 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-APOE0811-V2 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	8-port 10/100/1000BaseT(X) with RJ-45 Connectors, PoE+ 2-port SFP Uplink Port 1 Console Port (Not functional)	
Performance		
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	14.88 Mpps	
Backplane Capacity	20 Gbps	
Smart Features		
VLAN	VLAN Basic, Config, Voice VLAN, Protocol VLAN, MAC VLAN, GVRP, Surveillance VLAN	
Network	Ipv4 / Ipv6, DHCP Client / DHCPv6 Client	
IGMP Snooping	IGMP Snooping / Filter, MLD Snooping, MVR	
Quality of Service (QoS)	QoS Queue Scheduling, Cos / DSCP / IP Precedence Mapping	
Link Aggregation	Load Balance, LAG, LACP	
ARP	IP Source Guard, Dynamic ARP Inspection, DoS	
DHCP	IP DHCP Snooping, Option82	
STP	STP / MSTP / RSTP, BPDU Guard, BPDU Filter	
SNMP	SNMP Community, SNMP View, SNMP Trap, SNMP (V1, V2C, V3)	
RMON	RMON (1, 2, 3, 9)	
ACL	MAC ACL / ACE, Ipv4 ACL / ACE, Ipv6 ACL / ACE	
AAA	TACACS+, Radius, AAA	
Discovery	LLDP, MED	
ONVIF	ONVIF Detect, ONVIF Discover, ONVIF Server	
PoE Configuration	POE Global Configuration, POE Port Configuration, PD Alive Monitor	
Diagnostics	Ping / Ping6, Traceroute, Copper 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	
L2 Feature	DHCP server, Static Routing, Static ARP	
Mechanical Characteristics		
LED Indicators	Per Port: Link/Act PoE Act/Status Power System	
Electrical Characteristics		
PoE Power	Input	100 ~ 240 V / AC, 50 ~ 60 Hz
	Output	IEEE 802.3at Compliant Voltage, Per Port Max. 30 watts (8 Ports at Full 15.4W / 4 Ports at Full 30 W)
PoE Mode	Mode A	
Max. Power Consumption	150 W (512 BTU)	
PoE Budget	140 W (478 BTU)	
General		
Dimensions (H x W x D)	280 x 180 x 44 mm (11.02" x 7.08" x 1.73")	
Weight	1.68 kg (3.7 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	±4 kV	
Fan Quantity	Fanless	

**Standards and Certification**

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+)
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.

**Overview**



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

## Packing List

1. GV-APOE0811-V2
2. Power Cord
3. Screw x 8
4. Rack Mount Kit
5. Rubber Feet x 4
6. GV-TA (1000Base-T Copper RJ-45 SFP Transceiver)

