

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



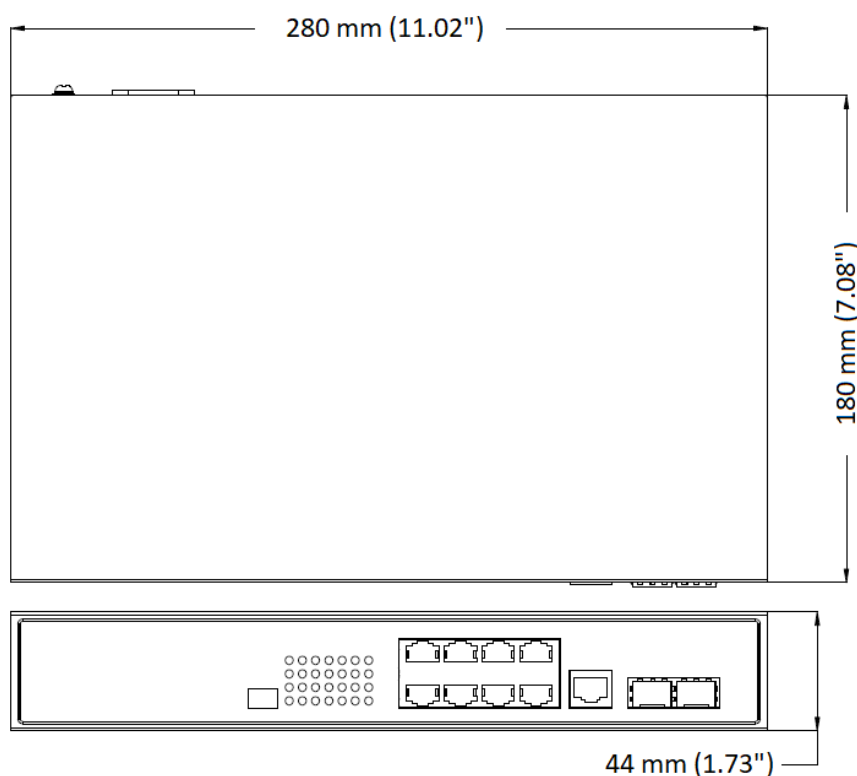
- 8-Port 10/100/1000BaseT(X) PoE+ with 2 SFP Uplink Ports
- IEEE 802.3at compliant (8 ports at Full 15.4W)
- VLAN, QoS, DSCP, RSTP, IGMP Snooping, Link Aggregation, LACP, Port Security, Bandwidth Control, Storm Control
- Support for PD Alive Monitor
- Support for ONVIF Discover
- PoE connection for network 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, DDMM
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)		44 x 280 x 180 mm (1.73" x 11.02" x 7.08")
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		Differential Mode ±2 kV, Common Mode ±4 kV
Fan Quantity		Fanless

Standards and Certifications

Standards	IEEE 802.3i - 10BaseT IEEE 802.3u - 100BaseTX IEEE 802.3ab - 1000BaseT IEEE 802.3z - 1000BaseSX/LX IEEE 802.3at - Power Over Ethernet (PoE+) IEEE 802.3x - Full Duplex Ethernet Flow Control IEEE 802.3ad - Link Aggregation Control Protocol (LACP) IEEE 802.1Q - VLAN IEEE 802.1p - Class of Service (CoS) IEEE 802.1D - Spanning Tree Protocol (STP) IEEE 802.1w - Rapid Spanning Tree Protocol (RSTP) IEEE 802.1s - Multiple Spanning Tree Protocol (MSTP) IEEE 802.1X - Port-Based Network Access Control (PNAC), including Extensible Authentication Protocol - Transport Layer Security (EAP-TLS)
Certifications	CE, FCC Class A, RoHS compliant, IEC 61000-4-5 Lv.5

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 (722 / 1804 ft).
GV-LC10	 The SFP transceiver complies with IEEE 802.3z 1000BaseLX Ethernet, and provides the media transmission distance up to 10 km (6 mi).
GV-LC V2	 The SFP transceiver complies with IEEE 802.3z 1000BaseSX Ethernet, and provides the media transmission distance up to 550 km (1804 ft).
GV-LC10 V2	 The SFP transceiver complies with IEEE 802.3z 1000BaseLX Ethernet, and provides the media transmission distance up to 20 km (12 mi).

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)

