

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



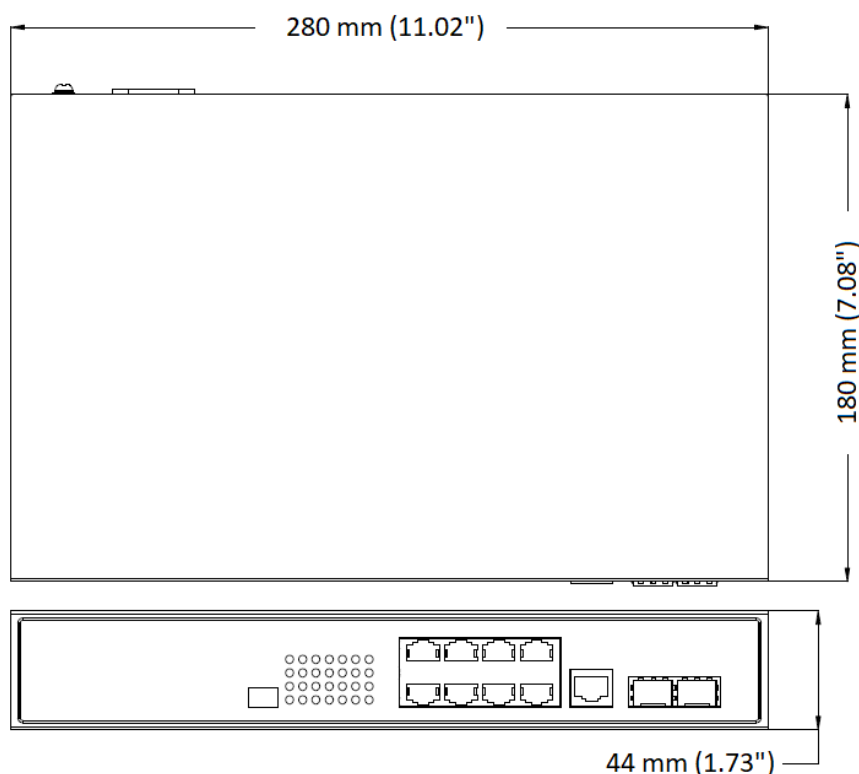
- 8-Port 10/100/1000BaseT(X) PoE+ with 2 SFP Uplink Ports
- IEEE 802.3af/at compliant
- Web-based Configuration and Management
- VLAN, QoS, DSCP, RSTP, IGMP Snooping, Link Aggregation, LACP, Port Security, Bandwidth Control, Storm Control
- Support for PD Alive Monitor
- Support for ONVIF Discover
- PoE connection for network cables up to 250 m (820 ft) at 10 Mbps
- Max. 140 W PoE Budget
- 19" Rack-mount
- Up to 8 GV-IP Cameras support

Introduction

GV-APOE0811 is an 8-Port 10/100/1000BaseT(X) PoE+ Web Smart PoE Switch with 2 SFP uplink ports. The switch supports IEEE 802.3af/at Power over Ethernet standard with a maximum PoE budget of 140 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-APOE0811 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	8-port 10/100/1000BaseT(X) with RJ-45 Connectors, PoE+ 2-port SFP Uplink Port 1 Console Port (Not functional)
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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
Link Aggregation	Load Balance, LAG, LACP
Quality of Service (QoS)	QoS Queue Scheduling, Cos / DSCP / IP Precedence Mapping
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

Power over Ethernet

PoE Standard	IEEE 802.3af/at compliant
PoE Max Power per Port	32 W
PoE Power Budget	140 W
PoE Mode	Mode A

Mechanical

LED Indicators	Per Port: Link/Act PoE Act/Status Power System
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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 ±4 kV, Common Mode ±6 kV

Power Requirements

Power Input	100 ~ 240 V / AC, 50 ~ 60 Hz
Max Power Consumption	150 W

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 Plus (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 (772 / 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 m (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
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)

