GV-APOE081C 8-Port Gigabit 802.3af/at Easy Web Smart PoE Switch



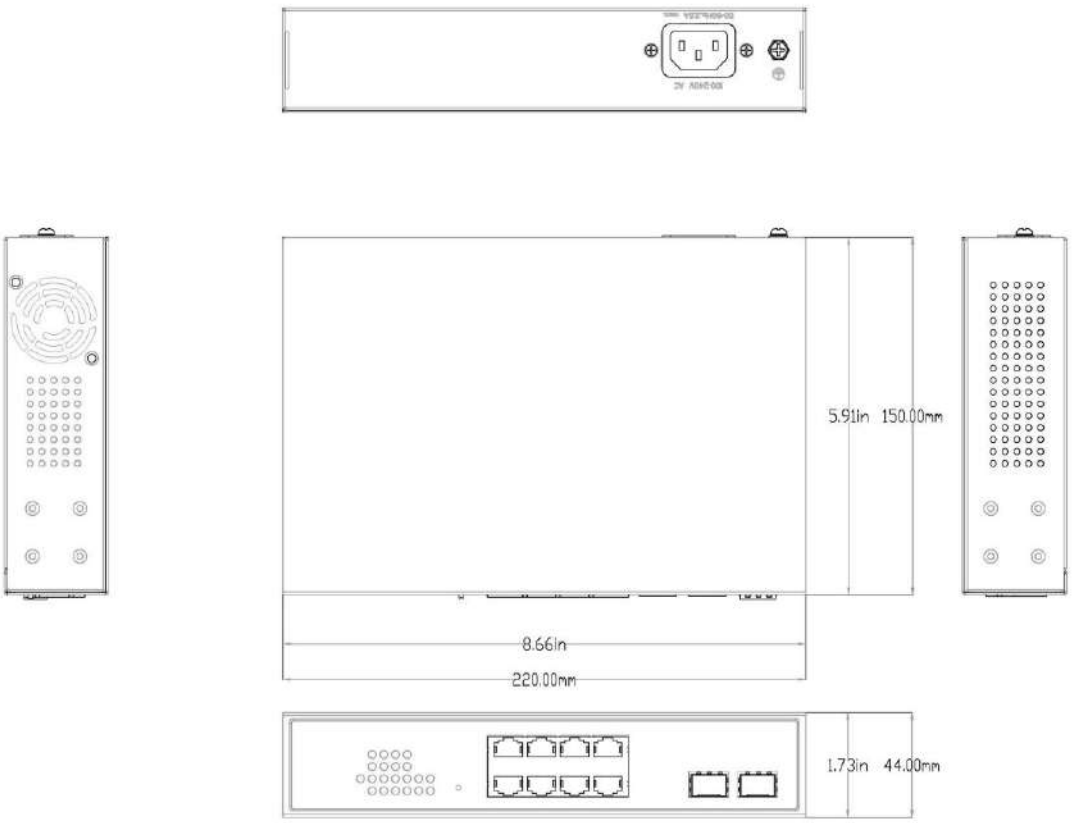
- 8-Port 10/100/1000BaseT(X) PoE+ with 2 SFP Uplink Ports
- IEEE 802.3af/at compliant
- Easy web smart features
- Web-based configuration and management
- VLAN, QoS, DSCP, IGMP Snooping, Bandwidth Control, Storm Control
- Support for PD Alive Monitor
- Support for ONVIF Discover
- PoE connection for network cables up to 250 m (820 ft) at 10 Mbps
- Max. 120 W PoE Budget
- 19” Rack-mount
- Up to 8 GV-IP Cameras support

Introduction

GV-APOE081C is an 8-Port 10/100/1000BaseT(X) PoE+ Easy Web Smart PoE Switch with 2 SFP uplink ports. The switch supports IEEE 802.3af/at Power over Ethernet standard for a maximum PoE budget of 120 W. GV-APOE081C allows power supply over network cables of up to 250 m (820 ft) in length, at 10 Mbps.

Designed for small network environment to strengthen its network connection and efficiency, the switch provides streamlined smart Web management features, including VLAN, QoS, DSCP, IGMP Snooping and more. In addition, GV-APOE081C 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	Easy Web Smart
Ports	
Number of Ports	8-port 10/100/1000BaseT(X) with RJ-45 Connectors, PoE+ 2-port SFP Uplink Port
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
Network	IPv4 Dual Stack, DHCP Client
IGMP Snooping	IGMP Snooping v1/v2
Quality of Service (QoS)	QoS Queue Scheduling, Cos / DSCP
DHCP	IP DHCP Snooping
Loop Detection	Loopback Detection
ONVIF	ONVIF Detect
PoE Configuration	PoE Global Configuration, PoE Port Configuration, PD Alive Monitor
Diagnostics	Ping, Copper Test
Port Management	Basic Config (Speed, Duplex, Flow Control), Statistics, Storm Control, Rate Limit, Port Mirror, EEE, Jumbo Frame
Administrator Management	Basic info, System Status, User Management, Firmware Upgrade, System Reboot, Restore Factory
Power over Ethernet	
PoE Standard	IEEE 802.3af/at compliant
PoE Max Power per Port	30 W
PoE Power Budget	120 W
PoE Mode	Mode A
Mechanical	
LED Indicators	Per Port: Link/Act PoE Act/Status Power System
General	
Dimensions (H x W x D)	44 x 220 x 150 mm (1.73” x 8.66” x 5.9”)
Weight	1.23 kg (3.35 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
Power Requirements	
Power Input	100 ~ 240 V / AC, 50 ~ 60 Hz
Max Power Consumption	130 W
Standards and Certifications	
Standards	IEEE 802.3i - 10BaseT IEEE 802.3u - 100BaseTX IEEE 802.3ab - 1000BaseT IEEE 802.3z - 1000BaseSX/LX IEEE 802.3x - Full-Duplex Ethernet Flow Control IEEE 802.1Q - VLAN IEEE 802.1p - Class of Service (CoS) IEEE 802.3at - Power Over Ethernet Plus (PoE+)

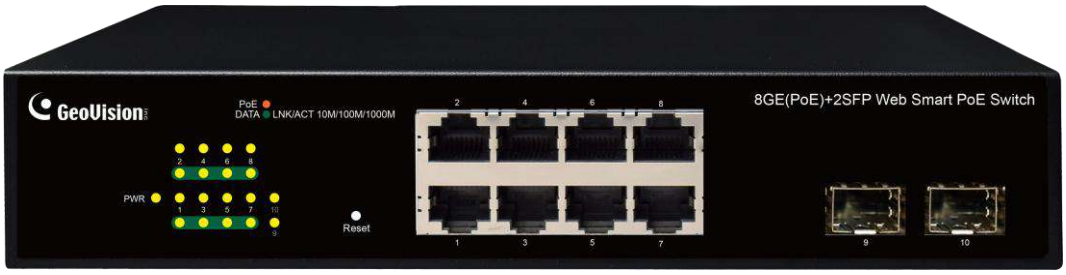
Certifications	CE, FCC Class A, RoHS compliant, IEC 61000-4-5 Lv.5

Note:

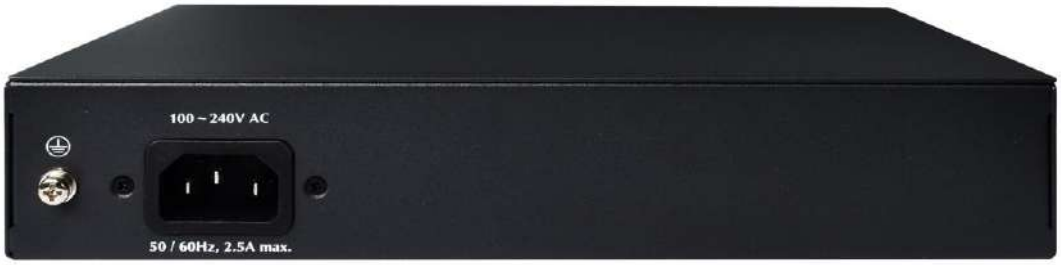
1. The switch is a plug-and-play device and compatible with all SFP modules
2. Specifications are subject to change without notice.

Overview

Front View



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 (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).
GV-TA 	The SFP transceiver complies with IEEE 802.3ab 1000BaseT Ethernet, and provides the media transmission distance up to 100 m (328 ft).

Packing List

1. GV-APOE081C
2. Power Cord
3. Screw x 8
4. Rack Mount Kit
5. Rubber Feet x 4