

GV-APOE2411 24-Port Gigabit 802.3at Web Management PoE Switch

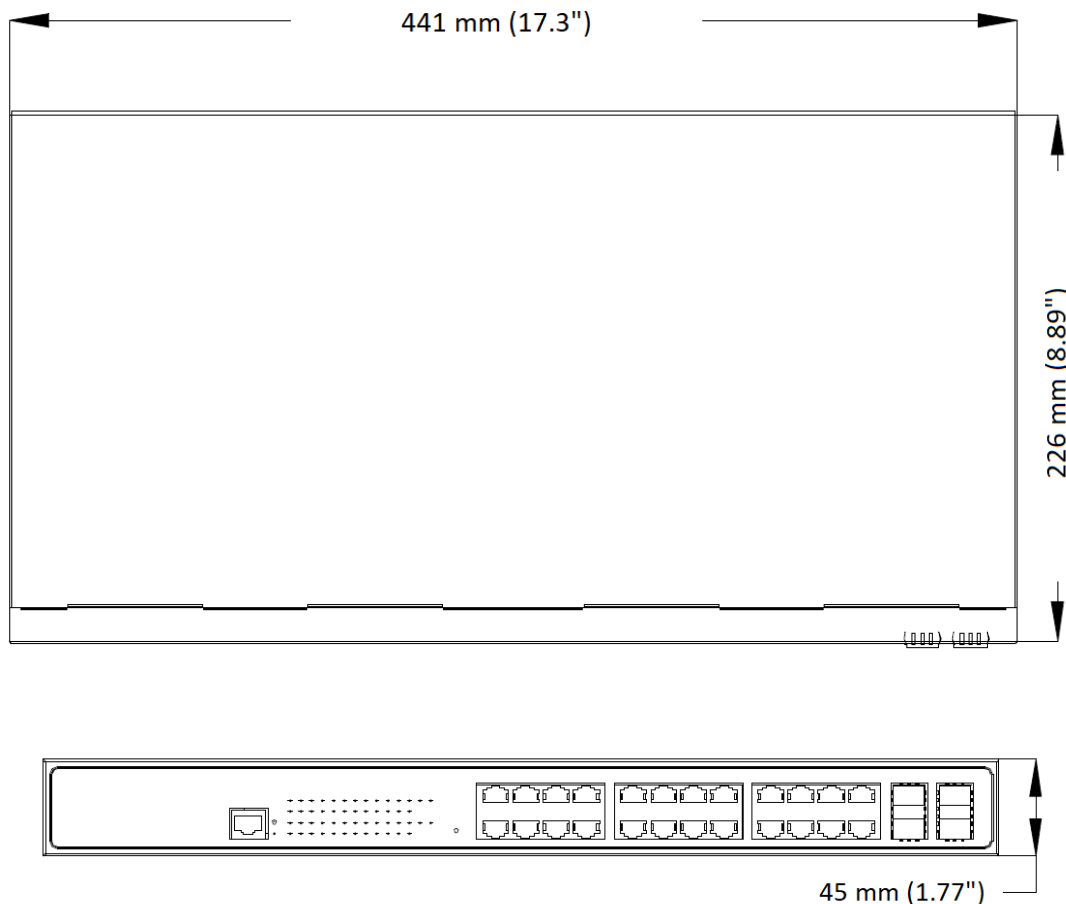


- 24-Port 10/100/1000BaseT(X) PoE+ with 4 SFP Uplink Ports
- IEEE 802.3at compliant (24 Ports at Full 15.4 W)
- Web-based configuration and management
- VLAN, QoS, DSCP, RSTP, IGMP Snooping, Link Aggregation, LACP, Port Security, Bandwidth
- Support for PD Alive Monitor
- Support for ONVIF Discover
- PoE connection for network cables up to 250 m at 10 Mbps transfer rate
- Max. 420 W power consumption
- 6 KV Surge Protection
- 19" Rack-mount
- Up to 24 GV-IP Cameras support

Introduction

The GV-APOE2411 is a Web Smart PoE Switch with 24-Port 10/100/1000BaseT(X) PoE+ and 4 SFP (uplink ports). The switch supports IEEE 802.3at Power over Ethernet standard, maximum 420 W power consumption, and no special network cable is required for connecting with your powered devices (PD), such as IP cameras. The switch also provides exceptionally smart Web management features, such as VLAN, QoS, RSTP, IGMP Snooping, LACP, Port Security, etc. The switch is designed for medium or large network environment to strengthen its network connection and efficiency. It also 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	24-port 10/100/1000BaseT(X) with RJ-45 Connectors, PoE+ 4-port SFP Uplink Port	
Performance		
MAC Address	8 K, Auto-Learning, Auto-Aging	
Buffer Memory	4 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	10BaseT: 14,881 pps/port 100BaseTX: 148,810 pps/port 1000BaseT: 1,488,095 pps/port	
Backplane Capacity	56 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	
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. 32 watts (24 Ports at Full 15.4 W / 11 Ports at Full 32 W)
PoE Power Supply Type	End-Span	
Max. Power Consumption	420 W	
PoE Budget	380 W	
General		
Dimensions (H x W x D)	45 x 441 x 226 mm (1.77" x 17.3" x 8.89")	



Weight	4.62 kg (10.1 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	±6KV
Standards and Regulatory	
	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
Standards	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.



Accessories

Name	Details
GV-LC	 <p>The SFP transceiver complies with IEEE 802.3z 1000BaseSX Ethernet, and provides the media transmission distance up to 220 / 550 m.</p>
GV-LC10	 <p>The SFP transceiver complies with IEEE 802.3z 1000BaseLX Ethernet, and provides the media transmission distance up to 10 km.</p>

Packing List

1. GV-APOE2411 x 1
2. Power Cord x 1
3. Screw x 8
4. Rack Mount Kit
5. Rubber Feet x 4