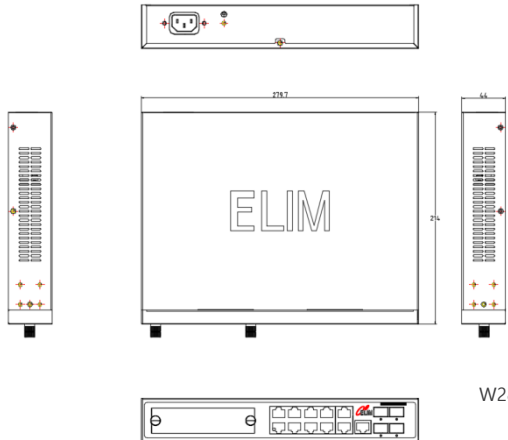


# EL-G8E4G-POE(BP)

FIBER OPTIC L2 Switch



## Dimensions



W280 x D220 x H44

## Description

본 제품은 10/100/1000Mbps PoE 8Port + 1G 2Port 및 2.5G SFP 2Port+ 1G SFP 2Port를 이용하여 광케이블로 전송하는 L2 PoE Switch 이다. (BP Module 옵션)

## Features

- 100/1G/2.5G 2 port+ 100/1G 2port SFP
- 10/100/1000M 8port + Uplink 2Port Console 1 port
- IEEE802.3 10Base-T, 802.3u 100Base-TX 및 100Base-FX, 802.3ab,1000Base-TX
- 34G Switching Capacity
- SNMP v1/v2, RMON(groups1,2,3,9), Telnet, CLI,WEB Management
- 10/100/1000Mbps Auto-Negotiation
- Full-Duplex, Half-Duplex mode Auto-negotiation
- POE(Power Over Ethernet), POE+ 지원
- 포트별 낙뢰방지 보호소자 TTS(Thyristor Surge Suppressor) 적용
- G.8032 ERPS(Ethernet Ring Protection Switching) 지원
- By-Pass기능 지원
- Ring topology에서 링크 단절시 장애 복구 타임 50msec 이내
- 네트워크 GUI 기반의 관리 또는 Web 지원
- 전원부 내장 지원

## Application

- CCTV, ITV and Traffic control system
- Campus Network
- Community Network
- Security system
- Process control and monitoring system

Bypass 모듈(Optional)



## Option

SFP Transceiver

	파장 (nm)	데이터 속도 (G)	전송 거리 (Km)	Tx Power (dBm)	수신감도 (dBm)	Core	Cable Type	Connector Type
ELP85V5-11-25	850	1.25	0.5	-9.5 ~ -3	< -18	2	MMF	LC/PC
ELP13F5-11-25	1310	1.25	20	-9 ~ -3	< -19.5	2	SMF	LC/PC
ELP3F5-11-25	1310/1550	1.25	20	-9 ~ -3	< -19.5	1	SMF	LC/PC
ELP5D5-11-25	1550/1310	1.25	20	-9 ~ -3	< -19.5	1	SMF	LC/PC
ELP13D5-31-25	1310	10	20	-3 ~ +3	< -14.4	2	SMF	LC/PC

\* 위 SFP 모듈 외 Data Rate : 155M, 1G, 2.5G, 10G 및 1 코어 2 코어 SFP 주문 가능  
\* 스위치 SFP 포트의 최대 속도를 고려하여 주문

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# EL-G8E4G-POE(BP)



<b>Standard configuration</b>	8Port PoE 10/100/1000M , 2Port 10/100/1000M Uplink auto-adaptable interfaces 2Port 1G/2.5G + 2Port 1G SFP, 1 Console port
<b>Flash</b>	128MB
<b>Memory</b>	1G
<b>Switching Capacity</b>	34Gbps
<b>Forwarding Rate</b>	25.30Mpps
<b>Switching</b>	Store forwarding
<b>MAC table</b>	8K
<b>Size</b>	280*215*44mm
<b>Weight</b>	2.5Kg
<b>Power Source</b>	90-240VAC (auto-adaptable), 50-60Hz, 1A/230V PoE/PoE+
<b>Power consumption</b>	Up to 150W (Including PoE Power supply)
<b>Indicator</b>	Power indicator, system indicator, connection/data forwarding indicator, 10/100M indicator.
<b>Environment</b>	Working temperature: -10~60°C Storage temperature: -40~85°C Humidity: 0-90% no condensation
<b>STP</b>	IEEE 802.1D STP IEEE 802.1w RSTP IEEE 802.1S MSTP
<b>VLAN</b>	Port-based VLAN 802.1Q VLAN QinQ, flexible QinQ Private Vlan GVRP
<b>Flow control</b>	Backpressure is adopted for half-duplex, while IEEE802.3x is adopted for full-duplex. CAR, a 64K step limitation is conducted to the 100M port, and a 8M step limitation is conducted to the gigabit port.
<b>Storm control</b>	The broadcast storm is constrained. When the threshold value for controlling the broadcast storm is reached, the broadcast packets are stopped from being forwarded.

<b>Multicast Aggregation</b>	IGMP Snooping v1/v2/v3 Each port binding group contains up to 8 ports, and 6 port binding groups are supported meanwhile. Dynamic LACP or static aggregation is supported.
<b>Mirroring</b>	Flow-based or port-based mirroring
<b>Stacking</b>	Adopting the cluster technology; managing uniquely through a unique IP address; saving address resources.
<b>Security features</b>	IEEE 802.1x port authentication Port security IP ACL, MAC ACL and VLAN ACL DHCP snooping DAI and static/dynamic ARP prevention RADIUS Hierarchical user management and password
<b>QoS</b>	Head Of Line (HOL) 4 queues and 8 priority values of 802.1p. WRED, WFQ, SP and FIFO Best-effort service Differentiated service Strict priority Weighted round robin First come first served TOS re-labeling RTS
<b>Management</b>	SNMP v1/v2, RMON (groups 1, 2, 3, 9) Telnet, CLI page, WEB page SNTP,SSH, LLDP
<b>Protecgion</b>	TTS(Thyristor Surge Suppressor)
<b>Power Output-port</b>	MAX 30W