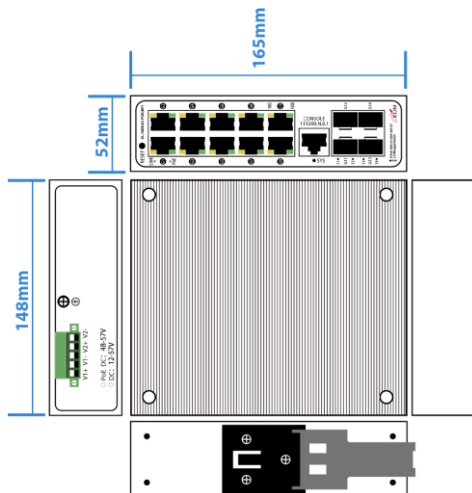


# EL-IG8E4G-POE(BT)

Industrial FIBER OPTIC POE (BT) L2 Switch



## Dimensions



W165 x D148 x H52

## Description

본 제품은 10/100/1000Mbps PoE 8Port + UTP 2Port 및 Giga SFP 4Port를 이용하여 광케이블로 전송 하는 산업용 L2 Switch 이다.

## Features

- 10/100/1000Base-T PoE \* 8, 10/100/1000Base-T \* 2, 100/1000Base-X \* 2, 1G/2.5GBase-X \* 2, Console \* 1
- 34G Switching Capacity
- SNMP v1/v2/v3, RMON(groups1,2,3,9), Telnet, CLI, WEB Management.
- STP(802.1D), RSTP(802.1W), MSTP(802.1S) 지원.
- Switching features including 802.1Q VLAN, Mirroring, Port isolation, IGMP Snooping, DHCP Snooping, LLDP, POE+ management, IP Source Guard, ARP inspection, ACLs등의 기능 지원.
- Jumbo frames support up to 10K kilobytes
- 포트의 구성에 따라 IEEE 802.3af / IEEE 802.3at / 802.3bt 지원
- Full-Duplex, Half-Duplex mode Auto-negotiation
- Point To Point 및 Linear Add/Drop 및 Ring 지원
- G.8032 ERPS, 장애복구 <50ms 이내
- DC 48~52V, - Din Rail

## Application

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

## Option

### SFP Transceiver

Model	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 모델 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-IG8E4G-POE(BT)



<b>Network Protocol</b>	IEEE802.3i 10Base-T IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-X
<b>Fixed port</b>	10/100/1000M Base-T PoE * 8 10/100/1000M Base-T * 2 100/1000Base-X SFP * 2 1G/2.5GBase-X SFP * 2 Console * 1
<b>POE Port</b>	Port 1-8 can support IEEE 802.3af/at/bt
<b>Switching Capacity</b>	34Gbps
<b>Forwarding</b>	25.3Mpps
<b>FLASH / RAM</b>	128MB / 1GB
<b>Jumbo frame</b>	10K
<b>MAC table</b>	16K
<b>L3</b>	Static route for IPv4 and IPv6
<b>VLAN</b>	port based VLAN (4K) protocol based VLAN IEEE802.1Q, QinQ
<b>Port Aggregation</b>	LACP
<b>Storm control</b>	Broadcast / Unicast / Multicast
<b>Spanning tree</b>	STP(IEEE802.1d) RSTP(IEEE802.1w) MSTP(IEEE802.1s)
<b>Industrial Ring Network Protocol</b>	G.8032 (ERPS) The self-healing time of the ring network is less than 50ms
<b>Multicast</b>	IGMP Snooping V1/V2/V3 MLD Snooping V1/V2

<b>DHCP</b>	DHCP server/relay/client DHCP snooping
<b>QoS</b>	Each port supports 8 output queues MAC/IP/TCP/UDP/VLAN/COS/DSCP/TOS based QoS 802.1P/DSCP priority re-labeling scheduling mechanism (SP, WRR, SP+WRR) flow monitoring and traffic shaping
<b>ACL</b>	L2 to L4 packet filtering function ACL based on port and VLAN
<b>Security</b>	Port isolation Port security IP source guard IEEE 802.1x AAA & Radius MAC learning limit ARP inspection
<b>Management</b>	Console, Telnet, SSH v2, Web, SNMP v1/v2/v3, TFTP
<b>PoE Standard</b>	IEEE802.3af/at/bt
<b>Power Supply Pin</b>	Default: 1/2(+),3/6(-)
<b>Max Power Per Port</b>	90W
<b>Total PWR / Input Voltage</b>	480W (DC 48-57V)
<b>Size</b>	165*148*52mm(W*D*H)
<b>Power</b>	DC 48-57V
<b>Environment</b>	Working temperature: -40-85°C Storage temperature: -40-125°C Humidity: 5-90% non condensing