

# EL-G48E6TG-POE

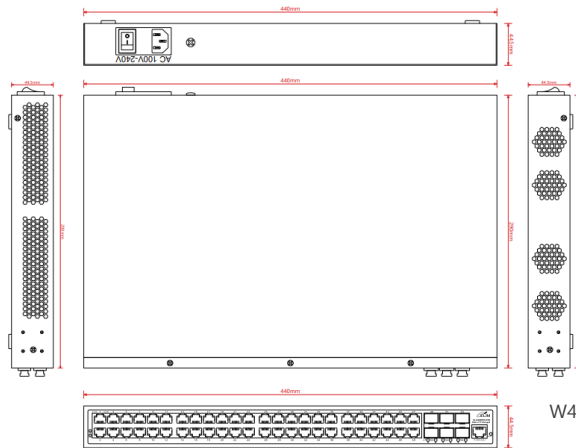
FIBER OPTIC L2 PoE Switch



INNOBIZ



## Dimensions



W440 x D290 x H44.5

## Description

본 제품은 10/100/1000Mbps Ethernet UTP 48Port PoE 제공 및 1G/10G SFP+ 6Port 를 이용하는 L2 PoE Switch 이다.

## Features

- 10/100/1000Base-T PoE \* 48, 1G/10G Uplink SFP+ \* 6, Console \* 1
- Switching Capacity 216Gbps
- POE Standard IEEE802.3af/at
- Total Power : 800W
- IGMP v1/v2 , IGMP Snooping 지원
- IEEE802.3x Flow Control 지원
- Static routing
- IEEE 802.1D/1s/1w의 STP/RSTP/MSTP를 지원
- Console, Telnet,SSH2.0, WEB Management, SNMP v1/v2/v3, RMON 지원

## Application

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

## Option

SFP Transceiver

	파장 (nm)	데이터 속도 (G)	전송 거리 (Km)	Tx Power (dBm)	수신감도 (dBm)	Core	Cable Type	Connector Type
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

\* 스위치 SFP 포트의 최대 속도를 고려하여 주문

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# EL-G48E6TG-POE



## Network Protocol

IEEE802.3i 10Base-T  
IEEE802.3u 100Base-TX  
IEEE802.3ab 1000Base-T  
IEEE802.3z 1000Base-X  
IEEE802.3ae 10GBase-SR/LR  
IEEE 802.3x

## Fixed port

10/100/1000M Base-T PoE \* 48  
1G/10G Uplink SFP+ Combo \* 6  
Console \* 1

## Switching Capacity

216Gbps

## Forwarding

160Mpps

## Buffer Memory

32MB

## MAC table

32K

## L3

Static route for IPv4 and IPv6

## VLAN

Port based VLAN (4K)  
Protocol based VLAN  
IEEE802.1Q, QinQ

## Port Aggregation

LACP

## Spanning tree

STP(IEEE802.1d)  
RSTP(IEEE802.1w)  
MSTP(IEEE802.1s)

## Multicast

IGMP Snooping V2/V3  
MLD Snooping V1/V2

## DHCP

DHCP server/relay/client  
DHCP snooping/option82

## QoS

Each port s 8 output queues  
Diff-Serv QoS  
802.1P/DSCP priority re-labeling  
Scheduling mechanism (SP, WRR, SP+WRR)  
Flow monitoring and traffic shaping

## ACL

L2 to L4 packet filtering function  
ACL based on port and VLAN

## Security

Port isolation  
Port security  
IP source guard  
IEEE 802.1x  
AAA & Radius  
MAC learning limit  
ARP inspection

## Management

Console, Telnet, SSH v1/v2, Web, SNMP v1/v2/v3 , TFTP

## PoE Standard

IEEE802.3af/at

## Power Supply Pin

Default: 1/2(+),3/6(-)

## Max Power Per Port

30W

## Total PWR / Input Voltage

800W (AC100-220V)

## Power

AC100~220VAC (auto-adaptable), 50-60Hz

## Environment

Working temperature: -20-55°C  
Storage temperature: -40-80°C  
Humidity: 5-90% no condensation