

# EL-G24E6TG-L

FIBER OPTIC L3 Switch



## Description

본 제품은 고성능의 10/100/1000Mbps TX 24Port 제공 및 10GE/GE SFP 6Port를 전송하는 L3 Switch 이다.

## Features

- 1 fiber (Bi-Di) or 2 fiber transmission
- 10/100/1000M 24 UTP port, Mini Console 1 port, 1GE/10GE SFP 6 Port
- IEEE802.3 10Base-T, 802.3u 100Base-TX 및 100Base-FX, 802.3ab 1000Base-TX
- 168G Switching Capacity
- SNMP v1/v2/v3 RMON(groups1,2,3,9), Telnet, CLI,WEB Management
- Full-Duplex, Half-Duplex mode Auto-negotiation

## 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

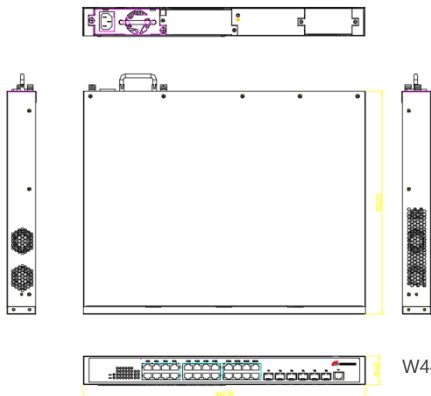
\* 위 SFP 모델 외 Data Rate : 155M, 1G, 2.5G, 10G 및 1 코어 2 코어 SFP 주문 가능

\* 스위치 SFP 포트의 최대 속도를 고려하여 주문

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## Dimensions



W440 x D350 x H44



INNOBIZ



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<b>Standard configuration</b>	24 10/100/1000M RJ-45 MDI/MDI-X auto-adaptable interfaces 1 Console port 6 GE/10GE auto-adaptable optical Ports(SFP+)
<b>Switching Capacity</b>	168Gbps
<b>Forwarding Rate</b>	124.99Mpps
<b>MAC table</b>	32K
<b>DRAM</b>	512MBytes
<b>FLASH</b>	16MBytes
<b>Multicast</b>	IGMP v1/v2/v3 , IGMP Snooping , IGMP Fast Leave Multicast group strategy and quantity limitation Multicast flow copying over VLANs PIM-SM and PIM-DM
<b>IPv4</b>	Static routing, RIP v1/v2, OSPF, BGP Policy based routing Load balance by equivalent routing BFD for OSPF, BGP
<b>IPv6</b>	ICMPv6, DHCPv6, ACLv6 and IPv6 Telnet IPv6 neighbor discovery Path MTU discovery MLD V1/V2 IGMP snooping IPv6 Static Routing, RIPng, OSPFv3, BGP4+ Manual tunnel, ISATAP tunnel, 6to4 tunnel
<b>STP</b>	802.1D (STP), 802.1W (RSTP) and 802.1S (MSTP) BPDU protection, root protection, and loopback protection
<b>VLAN</b>	GVRP 1:1 VLAN mapping and N:1 VLAN mapping QinQ and flexible QinQ PVLAN
<b>VLAN table</b>	4K VLANs

<b>MCE</b>	MCE
<b>QoS</b>	Flow classification based on L2~4 protocols CAR flow limit 802.1P/DSCP priority re-labeling SP, WRR, and "SP+WRR" Congestion avoidance mechanisms like Tail-Drop and WRED Flow monitoring and flow shaping
<b>Management</b>	Console, Telnet, SSH 2.0, Web, SNMP v1/v2/v3 , TFTP , RMON , sFLOW
<b>Reliability</b>	1+1 power backup Static/LACP link aggregation EAPS VRRP GR for OSPF,BGP BFD for OSPF,BGP ISSU uninterrupted system upgrade
<b>Network security</b>	L2/L3/L4 ACL flow identification and filtration DDoS attack prevention, TCP's SYN Flood attack prevention, UDP Flood attack prevention, etc Broadcast/multicast/unknown unicast storm-control Port isolation Port security, and "IP+MAC+port" binding DHCP snooping and DHCP option 82 IEEE 802.1x authentication Radius BDTacacs+ authentication Level-based command line protection URRF
<b>Size</b>	440*350*44mm(W*D*H)
<b>Power consumption</b>	Max 75W
<b>Power Source</b>	AC100~240VAC (auto-adaptable), 50-60Hz
<b>Environment</b>	Working temperature: 0-50°C Storage temperature: -20-70°C Humidity: 0-90% no condensation
<b>Energy saving</b>	IEEE 802.3az