

EL-G24EH6TG-L

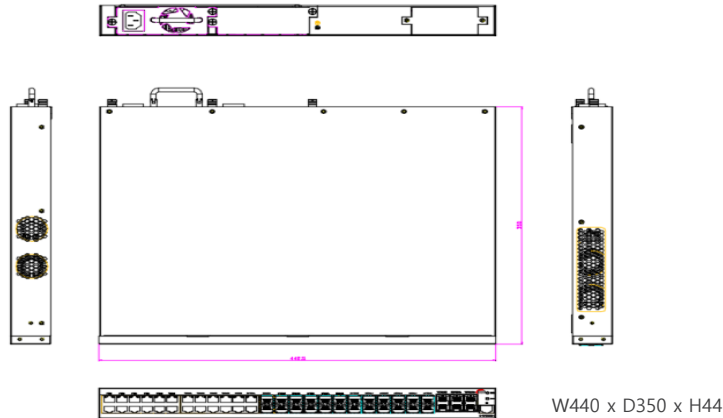
FIBER OPTIC L3 Switch



INNOBIZ



Dimensions



Description

본 제품은 10/100/1000Mbps Ethernet UTP 24Port 제공 및 GE SFP 24 Port, 10GE 6Port를 이용하여 광케이블로 전송하는 L3 Switch 이다.

Features

- 10/100/1000Base-T * 24, 1000Base-X SFP * 24, 10GBase-SR/LR SFP+ * 6, Console * 1
- 216G Switching Capacity
- 32K MAC / 12K routing(6K for IPv6)
- Full-Duplex, Half-Duplex mode Auto-negotiation
- SNMP v1/v2/v3 RMON(groups1,2,3,9), Telnet, CLI,WEB Management
- IGMP v1/v2/v3, IGMP Snooping 지원
- G.8032 ERPS 지원
- Static routing, RIP v1/v2, OSPF, BGP, BFD for OSPF, BGP
- IEEE 802.1D/1s/1w의 STP/RSTP/MSTP를 지원

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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Network Protocol

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

Fixed port

10/100/1000M Base-T * 24
1000M Base-X SFP * 24
1G/10 GE Base-X SFP+ * 6
Console port * 1

Switching Capacity

216Gbps

Forwarding Rate

160.7Mpps

FLASH / RAM

16MB / 512MB

Jumbo frame

9K

MAC table

32K

VLAN

4K VLANs
QinQ and flexible QinQ
GVRP, Voice-VLAN

Port Aggregation

LACP

Strom control

Broadcast / Unicast / Unknown

Spanning tree

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

Multicast

PIM-SM, PIM-DM, IGMP v1/v2/v3
IGMP Snooping, IGMP Fast Leave,
MVR, IGMP filter
MLD V1/V2, MLD snooping

IPv4

Static routing, RIP v1/v2, OSPF, BGP, PBR, ECMP
BFD for OSPF, BGP

IPv6

ICMPv6, DHCPv6, ACLv6 and IPv6 Telnet
IPv6 neighbor discovery, Path MTU discovery
IPv6 Static Routing, RIPng, OSPFv3, BGP4+
Manual tunnel, ISATAP tunnel, 6 to 4 tunnel

MPLS

Multi-VRF

DHCP

DHCP server/relay/client
DHCP snooping/option82

QoS

Each port s 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, WRED)
flow monitoring and traffic shaping

ACL

L2 to L4 packet filtering function

Security

Port isolation
Port security
IP source guard
IEEE 802.1x,
AAA & Radius
MAC learning limit
ARP inspection
MD5, SHA-256, RSA-1024, AES256, etc.

Reliability

EAPS and ERPS
LLDP
VRRP
1+1 power backup (option)

Management

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

Size

440*350*44mm(W*D*H)

Power

AC100~240VAC (auto-adaptable), 50-60Hz, 75W

Environment

Working temperature: 0-50°C
Storage temperature: -20-70°C
Humidity: 10-90% no condensation