

EL-G24E4G-POE

FIBER OPTIC L2 PoE Switch



Description

본 제품은 10/100/1000Mbps Ethernet UTP 24Port PoE 제품 및 100/1000Mbps Ethernet UTP/SFP Combo 4Port 를 이 용하는 L2 PoE Switch 이다

Features

- 10/100/1000Base-T PoE * 24, 10/100/1000Base-T or 100/1000Base-X Combo * 4, Console * 1
- 56G Switching Capacity
- IGMP v1/v2 , IGMP Snooping 지원
- IEEE802.3x Flow Control 지원
- Static routing
- Flow classification based on L2/L3 802.1P/DSCP priority re-labeling, SP, WRR and SP+WRR
Flow monitoring and flow shaping QoS 지원
- ERPS 지원
- 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 |
|---------------|-----------|------------|------------|----------------|------------|------|------------|----------------|
| 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 |

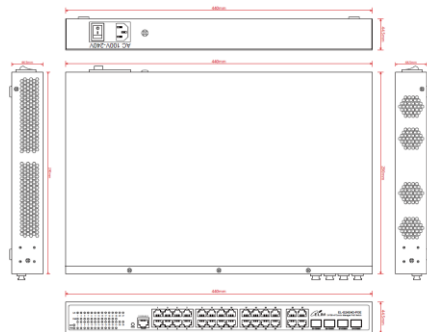
* 위 SFP 모델 외 Data Rate : 155M, 1G, 2.5G, 10G 및 1 코어 2 코어 SFP 주문 가능
* 스위치 SFP 포트의 최대 속도를 고려하여 주문

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Dimensions



W440 x D290 x H44.5

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Network Protocol

IEEE802.3i 10Base-T
IEEE802.3u 100Base-TX
IEEE802.3ab 1000Base-T
IEEE802.3z 1000Base-X
IEEE 802.3x

Fixed port

10/100/1000M Base-T PoE * 24
10/100/1000M Base-T or 100/1000Base-X SFP Combo * 4
Console * 1

Switching Capacity

56Gbps

Forwarding Rate

41.66Mpps

FLASH / RAM

256MB / 2GB

Jumbo frame

9.6K

MAC table

8K

L3

Static route for IPv4 and IPv6

VLAN

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

Port Aggregation

LACP

Strom control

Broadcast, Multicast, Unknown-unicast

Spanning tree

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

Industrial Ring Network Protocol

G.8032 (ERPS)
The self-healing time of the ring network is less than 50ms

Multicast

IGMP Snooping V2/V3
MLD Snooping V1/V2

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
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 , RMON

PoE Standard

IEEE802.3af/at

Power Supply Pin

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

Max Power Per Port

30W

Total PWR / Input Voltage

400W (AC100-220V)

Power

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

Environment

Working temperature: -20-55°C
Storage temperature: -40-75°C
Humidity: 5-90% no condensation