EL-G24E4TG

FIBER OPTIC 10G L2 Switch

ELIM

Description

본 제품은 10/100/1000Mbps Ethernet UTP 24Port 제공 및 10G SFP+ 4Port를 이용하여 광케이블로 전송하는 L2 Switch 이다.

Features

- 10/100/1000M UTP 24port , Console 1 port, 1G/10G SFP 4Port
- IEEE802.3 10Base-T, 802.3u 100Base-TX 및
   100Base-FX, 802.3ab 1000Base-TX
- 128G Switching Capacity
- SNMP v1/v2, RMON(groups1,2,3,9), Telnet,
   CLI,WEB Management
- 10/100Mbps Auto-Negotiation
- Full-Duplex, Half-Duplex mode Auto-negotiation
- PTP(Precision Time Protocol) 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

Dimensions

W440 x D180 x H44

방송통신위원회   KC   INNOBIZ   GOOD Software   RoHS

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Standard configuration	24Port 10/100/1000M RJ-45 MDI/MDI-X
	auto-adaptable interfaces
	1Port Console port
	4Port GE/10GE auto-adaptable optical Ports(SFP+)
Switching Capacity	128Gbps
Forwarding Rate	95.23Mpps
Switching	Store forwarding
MAC table	16K
Flow control	Backpressure is adopted for half-duplex,
	while IEEE802.3x is adopted for full-duplex.
Storm control	Broadcast and multicast storm control
Multicast	IGMP snooping v1/2/3
QoS	802.1p, 8 priority values, 4 priority queues
Aggregation	8 interfaces can be bound in a group through dynamic LACP or
	static aggregation, and 8 groups can be supported simultaneously.
Stacking	Cluster
Bridging	IEEE 802.1D-1998 STP, path backup,
	IEEE 802.1w (RST) and IEEE 802.1s (MSTP)
VLAN	Port-based VLAN, 802.1Q VLAN, QinQ and GVRP
VLAN table	4K VLANs
QoS	Head Of Line (HOL) mechanism
	Best-effort service
	Differentiated service
	Strict priority
	Weighted round robin
	First come first served
	TOS re-labeling
	RTS
Management	CLI, Telnet, SNMP and RMON

Network security	IEEE 802.1x, port-based access control, RADIUS, TACACS
	Supporting DHCP snooping on the hardware
	Supporting DAI and static/dynamic ARP prevention on the hardware
	Supporting IP ACL, MAC ACL and VLAN ACL on hardware
Size	440*180*44mm
Weight	3.9Kg
Power Source	90~240VAC (auto-adaptable), 50-60Hz
Power of Consumption	<35W
Indicator	Power indicator, system indicator, connection/data forwarding
	indicator, 10/100M indicator
Environment	Working temperature: -10℃ ~ 60℃
	Storage temperature: -40℃ ~ 75℃
	Humidity: 0-90% no condensation