

EL-PG8E2G-BP(2.5G)

L2 POE+ 스위치



EL-PG8E2G-BP(2.5G)는 기가비트 이더넷 POE 8포트, 기가비트 이더넷 2포트를 다운링크로 제공하고 기가비트/2.5 기가비트 SFP 2포트를 업링크로 제공하는 L2 POE 스위치입니다.

Feature

- o 10/100/1000Base-T PoE * 8, 10/100/1000Base-T * 2, 100/1G/2.5GBase-x * 2, Console * 1
- o 30G Switching Capacity
- o IEEE802.3af/at (POE, POE+) 지원
- o IEEE802.3x Flow Control 지원
- o Static routing, IGMP Snooping, DHCP relay 지원
- o Flow classification based on L2/L3 802.1P/DSCP priority re-labeling, SP, WRR and SP+WRR, Flow monitoring and flow shaping QoS 지원
- o G.8032 ERPS (Ethernet Ring Protection Switching) 지원
- o IEEE 802.1D/1s/1w (STP/RSTP/MSTP) 지원
- o Console, Telnet,SSH2.0, WEB Management, SNMP v1/v2/v3, RMON 지원

Application

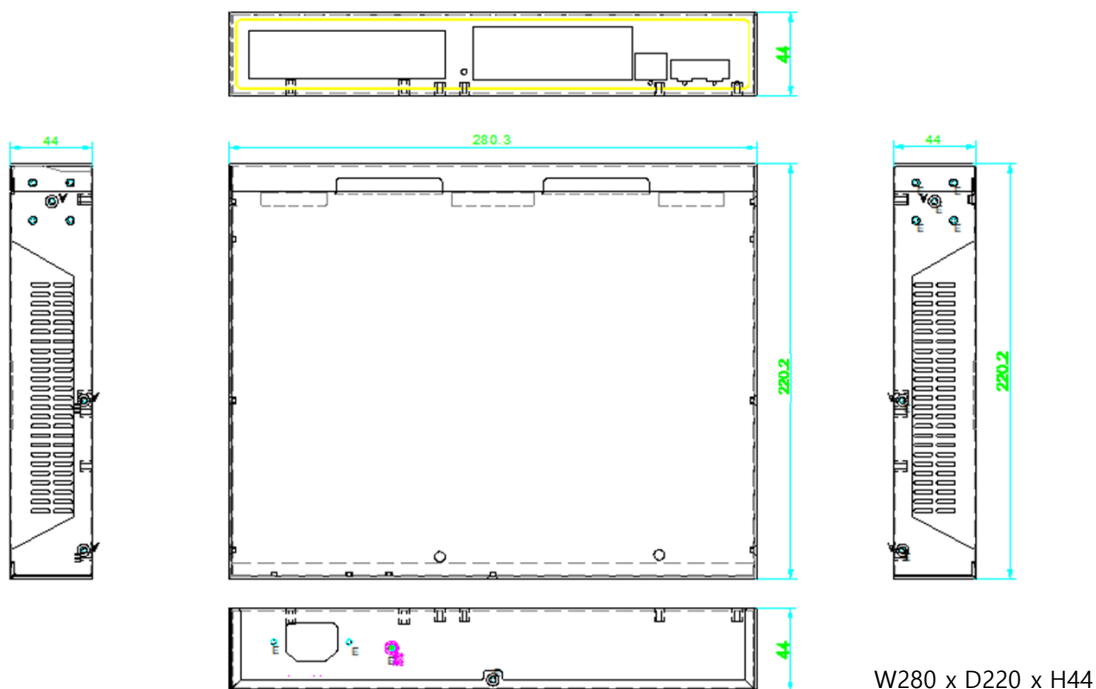
- o CCTV, ITV and Traffic control system
- o Campus Network
- o Community Network
- o Security system
- o Process control and monitoring system

Specification

Standard	IEEE802.3i 10Base-T IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-X
Fixed port	10/100/1000M Base-T PoE * 8 10/100/1000M Base-T * 2 100/1000/2.5GBase-X SFP * 2 Console * 1
POE Port	Port 1-8 can support IEEE 802.3af/at
Switching Capacity	30Gbps
Forwarding Rate	22.32Mpps
FLASH / RAM	8MB / 64MB
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
Storm control	Broadcast / Unicast / Multicast
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 20ms
Multicast	IGMP Snooping V1/V2/v3 MLD Snooping V1/V2
DHCP	DHCP server/relay/client DHCP snooping
QoS	Each port supports 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) 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	150W (AC100-220V)
Size	280*220*44mm(W*D*H)
Power	AC90~240VAC (auto-adaptable), 50-60Hz
Environment	Working temperature: -10-50°C Storage temperature: -20-70°C Humidity: 0-90% non condensing

Dimension



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