

EL-IG8E2G

산업용 L2 스위치



EL-IG8E2G는 기가비트 이더넷 10포트를 다운링크로 제공하고 기가비트 SFP 2포트를 업링크로 제공하는 산업용 L2 스위치입니다.

Feature

- o 10/100/1000Base-T * 10, 100/1000/2.5GBase-X * 2, Console * 1
- o 30G Switching Capacity
- 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/1w의 STP/RSTP/MSTP를 지원
- o Console, Telnet,SSH2.0, WEB Management, SNMP v1/v2/v3, RMON 지원
- o DIN Rail

Application

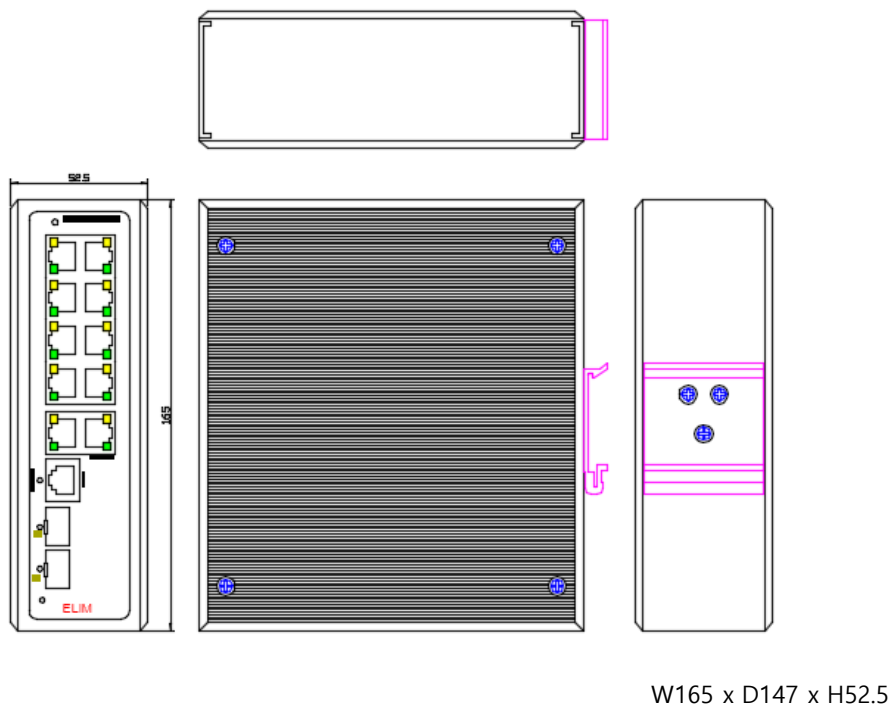
- o CCTV, ITV and Traffic control system
- o Campus Network
- o Community Network
- o Security system
- o Process control and monitoring system

Specification

Standard	IEEE802.3i 10Base-T IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-X IEEE802.3x
Fixed port	10/100/1000M Base-T * 10 100/1000/2.5G Base-X SFP * 2 Console * 1
Switching Capacity	30Gbps
Forwarding Rate	22.32Mpps
FLASH / RAM	16MB / 128MB
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
Size	165*147*52.5mm(W*D*H)
Power	DC 48-57V
Environment	Working temperature: -40-70℃ Storage temperature: -45-85℃ Humidity: 5-95% non condensing

Dimension



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