



FEATURES

- 8* 10/100/1000 Base-TX RJ45 Port
- 12~58 VDC dual power input with polarity reserve/over-voltage protection
- Dip switch functions:
 1. Port isolation
 2. Flow control
 3. QoS
 4. Broadcast storm protect
- Support 10K Bytes Jumbo frame
- Support 4KV surge protection; ESD: Air-15KV, Contact-8KV Protection
- IP40 Din-rail housing
- Operating temperature -40~75 degree C

DESCRIPTION

EL-1008G-T-X6SB has 8* 10/100/1000 base-TX RJ-45 ports for your industrial applications. It designs to work in the industrial environment, compliant with CE and RoHS standards. EL-1008G-T-X6SB provides two redundant power inputs that can be connected simultaneously to 12~58 VDC power sources. In addition, the DIP switch on the top panel is featuring with port isolation, Flow control, QoS and Broadcast storm protect function. The wide operating temperature -40 to 75 degree C supports the PoE switch can work in the industrial environment.

SPECIFICATIONS

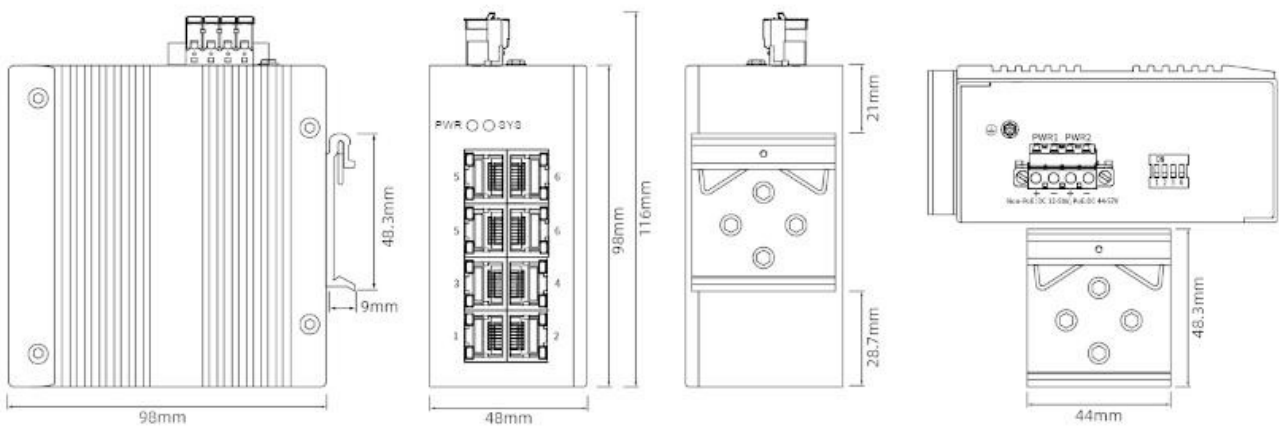
Technology	
Standards	IEEE 802.3 10Base-T Ethernet
	IEEE 802.3u Fast Ethernet
	IEEE 802.3ab Gigabit Ethernet
	IEEE 802.3x Full-Duplex Flow Control
	IEEE 802.3az Energy Efficient Ethernet
Interface	
RJ-45 Ports	8* 10/100/1000 Base-T
	Full/Half-duplex mode, and auto MDI/MDI-X connection , auto negotiation speed
LED Indicators	PWR: Power indicator (Green: On/Off) On: Power On Off: Power Off
	SYS: System indicator (Red: On/Off) On: System abnormal Off: System normal
	Port 1-8 Copper ports (Green: On/Blinking/Off) On: Link On Blinking: Data transmitting Off: Link off (Yellow: port speed On/Off) On: 1000M Off: 10/100M
DIP switch	1. Port Isolation (Port 1~Port 7) 2. Flow control 3. QoS(Port 1-2) 4. Broadcast storm protect

SPECIFICATIONS

Switching features	
Switching capacity	16G
Packet forwarding rate	23.8 Mpps
MAC address table	16K
VLAN	4K
Buffer	2M
Forwarding delay	<5us
Jumbo Frame	10Kbytrs
Power	
Input	12~58 VDC, redundant power inputs
Consumption	Full loading ≤5W
Max current	0.5A
Connector	Removable 4-pin Terminal Block
Reverse Polarity Protection	Present
Over-voltage protection	Present
Environment	
Operating	-40°C ~ 75°C
Storage	-40°C ~ 85°C
Ambient Relative Humidity	5%~95% non-condensing
Physical	
Housing	IP40, Din-rail
Dimension (W*D*H)	48 * 98 * 98mm
Weight	0.58kg
Approval	
CE	EN 55032:2015+A1:2020
	EN 55035:2017+A11:2020
	EN IEC 61000-3-2:2019+A1:2021
	EN61000-3-3:2013+A2:2021+AC:2022-01
	EN IEC 62368-1:2020+A11:2020
Industrial Standard	IEC 61000-4-5
	Surge protection of power: Level 3 (4KV/2KV) (8/20us)
	Surge protection of Ethernet port: Level 3(4KV/2KV) (10/700us)
	DIP: IEC 61000-4-11 Level 3 (10V)
	ESD: IEC 61000-4-2 Level 4 (8K/15K)
Vibration	IEC 60068-2-6
Shock	IEC 60068-2-27
Free Fall	IEC60068-2-32
RoHS	Compliant
Warranty	5 years

DIMENSIONS

Unit: mm



ORDERING INFORMATION

Model name	Description
EL-1008-T-X6SB	8-port 10/100Base-T RJ45 port, DC12-58V, redundant dual power supply, Din-rail, Operation temperature: -40°C ~ +75
EL-1008G-T-X6SB	8-port 10/100/1000Base-T RJ45 port, DC12-58V, redundant dual power supply, Din-rail, Operation temperature: -40°C ~ +75