

10-Port Gigabit Industrial L2 Managed Ethernet PoE Switch**EV-POE33008PIN-L2****10 Port Gigabit Managed Ethernet PoE Switch****Product Description**

EV-POE33008PIN-L2 is an hardened 10-port Industrial PoE Switch, provides non-blocking wire-speed performance in harsh industrial environment. It also provides 8-port 10/100BASE-TX RJ45 PoE +2G SFP delivered in an IP40 rugged, strong case with redundant power system. Its slim case is suitable for such applications as surveillance system deployments, control management and wireless service in climatically demanding environments with wide temperature range from -40°C to 85°C.

The EV-POE33008PIN-L2 provides the flexibility to all kinds of 10/100Mbps Ethernet Media on RJ-45 port and performs highly stable fiber performance.

The EV-POE33008PIN-L2 is packaged in a compact IP40 case that allows either DIN rail or panel mounting to have efficient usage of cabinet space. It provides an integrated power supply with a wide range of voltages for worldwide operation. It also offers dual-redundant, reversible polarity 48V DC to 57V DC power supply inputs for high availability applications requiring dual or backup power inputs.

Features

- 8-port 10/100Base-Tx RJ-45 with auto negotiation and auto-MDI/ MDI-X function, supplying 30W PoE, compatible with 802.3AT/AF
- 2G SFP
- 48V to 57V DC, redundant power input
- -40°C to 85°C operating temperature
- IP40 metal case
- Supports 6KV DC Ethernet ESD protection
- Supports 6KV DC EFT protection for power line
- Free Fall, Shock and Vibration Stability

- DIN-rail design
- Support STP/RSTP/MSTP
- Web management, CLI
- IGMP snooping, QOS,VLAN,SNMP

Application Environment

- Metropolitan area fiber broadband network: telecommunications, cable TV, network system integration, etc., network operators.
- Broadband private network: Suitable for financial, government, oil, railway, electric power, public security, transportation, education and other industries.
- Multimedia transmission: image, voice, data integrated transmission, suitable for remote teaching, conference TV, videophone and other applications.
- Real-time monitoring: simultaneous transmission of real-time control signals, images, data

Specification

Model No.	EV-POE33008PIN-L2
10/100/1000Base-TX Port	8-Port RJ-45 auto-MDI / MDI-X
PoE Specification	PoE Standard: IEEE802.3af/ IEEE802.3at
	PoE ports:1-8 port support PoE
	Power Output:
	Max. 15.4 watts (IEEE 802.3af)
	Max. 30 watts (IEEE 802.3at)
	PoE port Auto detect AF/AT devices
	Output Voltage: DC48V
	Power Pin Assignment:1/2+;3/6-
	Power Type: End-span(Mid-span optional)
1000Base-FX Port	2G SFP Slot
Performance Specification	Bandwidth: 38Gbps
	Packet Buffer Memory: 12Mbit
	Packet Forwarding Rate: 28.3Mpps
	MAC Address Table: 8K
Installation	DIN rail
Maximum Frame Size	10240bytes packet size
Flow Control	Back pressure for half duplex, IEEE 802.3x pause frame for full

	duplex
Enclosure	IP40 slim type metal case
LED Indicator	Power: Red Fiber: Link 2(Green) Ethernet: Yellow
Power Input	48 to 57V DC redundant power
Power Consumption	< 10W
Protection	ESD (Ethernet): 6KV DC Surge (Power): 6KV DC
Network Protocols	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u;100Base-TX/FX; IEEE802.3ab 1000Base-T; IEEE802.3z 1000Base-X; IEEE802.3x;
Network cables	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤10meter) 1000BASE-TX: Cat6 or later UTP(≤100 meter)
Industry Standard	FCC CFR47 Part 15,EN55022/CISPR22, Class A IEC61000-4-2 (ESD): ±8kV (contact), ±12kV (air) IEC61000-4-3 (RS): 10V/m (80~1000MHz) IEC61000-4-4 (EFT): Power Port: ±4kV; Data Port: ±2kV IEC61000-4-5 (Surge): Power Port: ±2kV/DM, ±4kV/CM; Data Port: ±2kV IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz) IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)
Certification	CE FCC Rohs compliance
MTBF	>300,000hours
Dimensions (W x D x H)	179×134×46mm

Weight	Product Weight: 0.82KG
	Packing Weight: 0.92KG
Working Environment	Working temperature: -40~85℃ ;
	Storage temperature: -40~85℃
	Relative Humidity: 5%~95 %(no condensation)
Warranty	3 years

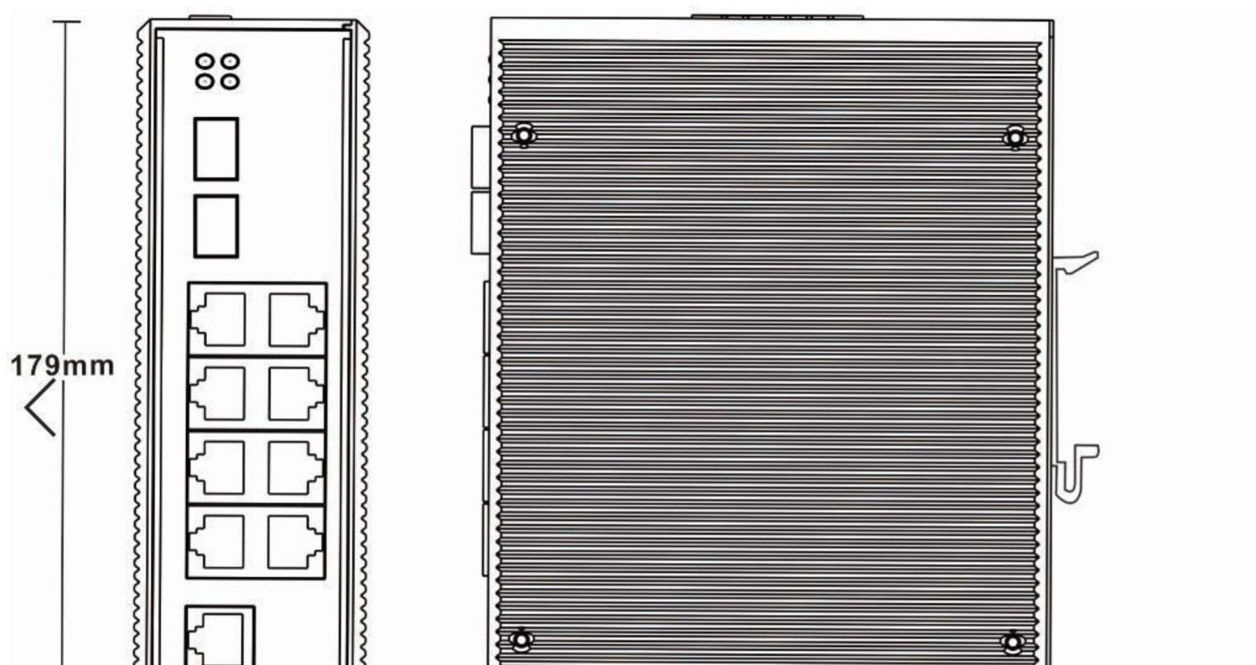
Software function

Basic function	Support hardware factory reset, system and port LED
	Support global information, statistical information, log information
	Support User management, alarm management, configuration management
	Support Port rate, duplex, flow control, maximum frame length configuration
	Support Port mirroring, port speed limit, port energy saving
PoE function	Support PoE time management
	Support PoE automatic monitoring
	Support PoE port power configuration
VLAN	Support 4K VLAN
	Support 802.1Q VLAN, baesd on port VLAN
	SupportAccess, Trunk, Hybrid VLAN mode
	Support GVRP (VLAN registration protocol)
	Support MAC VLAN, IP VLAN
	Support Voice VLAN
MAC	Support MAC address automatic learning and aging
	Support Static, dynamic, filtered address table
Security features	Password protection
	Support Restrict user access based on port number, IP address, MAC address
	Support HTTPS, SSH V1/V2
	Support VLAN-IP-MAC-PORT binding
	Support ARP detection, IP source protection, DoS protection
	Support DHCP Snooping, DHCP Attack protection
	Support 802.1X Certification

	Support AAA (Authentication, Authorization, Accounting), Support RADIUS protocol
	Support Port security, port isolation
Access control	Support L2(Layer 2)~L4(Layer 4) Packet filtering function
	Support Port mirroring, flow rate limiting, QoS remarking
QOS	Support 8 port queues
	Support Port priority, 802.1P priority, DSCP priority
	Support SP, WRR Priority scheduling algorithm
Spanning tree	Support STP(IEEE 802.1d), RSTP(IEEE 802.1w) and MSTP(IEEE 802.1s) protocol
	Support Multi-instance, Support Aggregate interface
	Support BPDU protection
Multicast	Support IGMP v1/v2/v3 Snooping
	Support MLD v1/v2 Snooping
	Support Layer 2 multicast fast leave mechanism, querier
	Support Layer 2 IPv4 static multicast
	Support Layer 2 IPv6 static multicast
	Support IGMP v1/v2/v3 Layer 3 multicast
Storm suppression	Support multicast suppression
	Support broadcast storm suppression
	Support unknown unicast suppression
Ring protection	Support Ring protection
Link Aggregation	Support Static Aggregation
	Support LACP Dynamic Aggregation
	Support based on IP, MAC, mixed load-balancing modes
	Maximum support 8 aggregation groups (8 ports per aggregation group)
IPv6	Support IPv6 Ping, IPv6 Traceroute, IPv6 Telnet
	Support IPv6 SSH
	Support IPv6 HTTP, IPv6 HTTPS
Management and Maintenance	Support WEB Management (HTTP,HTTPS)
	Support CLI (Telnet, SSH V1/V2, Local serial port)
	Support SNMP V1/V2/V3
	Support RMON V2

	Support LLDP Device discovery
	Support SNTP Time synchronization
	Support CPU Monitoring, Memory Monitoring
	Support System log, classification warning
	Support Ping, Trace route detection, cable detection
	Support WEB Management (HTTP,HTTPS)

Dimensions



Packing List

Packing List	10 Port Gigabit Managed Ethernet PoE Switch (EV-POE33008PIN-L2)
	Brackets
	User Manual
	Warranty Card

Ordering Information

EV-POE33008PIN-L2	10 Port Gigabit Industrial Managed Ethernet PoE Switch
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