

POE-SW708GM-10G

Industrial 8-Port Full Gigabit L2+ Managed BT90W PoE++ Switch with 2* 10G SFP+ Uplinks



Outstanding Features

Industrial 8 Ports PoE Switch: Provides 8 Gigabit PoE ports and 2 10G SFP uplinks.

L2+ Management: Supports VLAN, QoS, IGMP Snooping, STP/RSTP, ERPS, port mirroring, static routing, and PoE watchdog. Easy management via Web GUI, CLI, Telnet, and SNMP for efficient network control.

BT 90W PoE++ Output: Port 1-4 are compliant with IEEE802.3bt and output max 90W power, which is great for big PTZ cameras, PoE lighting and industrial terminals. The total PoE budget of this switch is 480W.

Dual 10G SFP Uplinks: Suitable for data-intensive applications, such as AI inspection, high-resolution video, and industrial backbone networking.

RS485 / DI / DO Interfaces: Enable IoT terminals integration, such as PLCs, Sensors, alarm triggers, etc.

Industrial Design with Marvell Chipset: Support redundant DC power input, 44-57V DC (PoE); Fanless metal housing supports -40°C to +60°C operation for harsh indoor environments like factory and control cabinets.

Designed for Robotics and Industrial Automation: Delivers ultra-low-latency PoE and precise data scheduling for robotic arms, AGVs, and AI-based inspection units. DI/DO event linkage and hardware QoS support real-time control and deterministic performance.

Specification

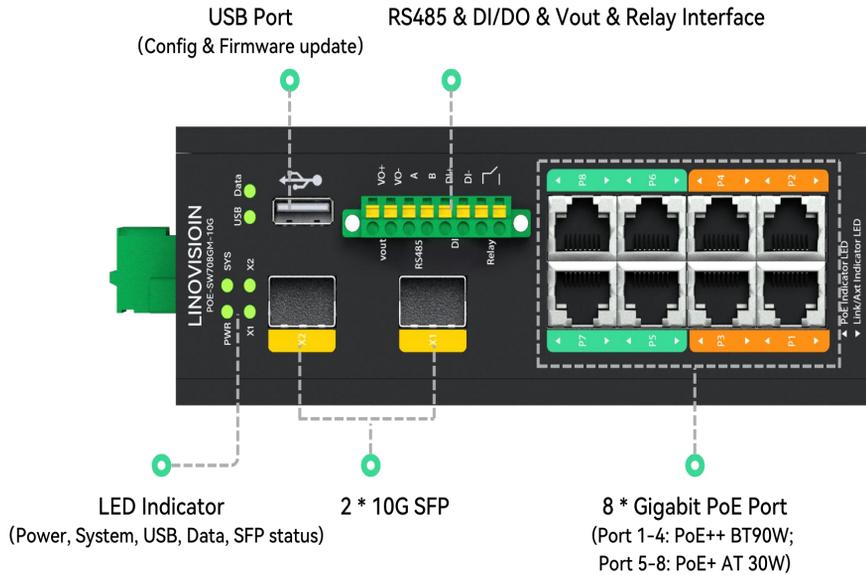
Mechanical Specs	
Dimensions (W*H*D)	4.52×6.18×2.16"(115x157x55mm)
Weight	2.46lb(1.117kg)
Protection Rating	IP40
Material	metal
Installation	DIN-rail
Interfaces	
Power Supply	Redundant Power Input 44-57VDC(802.3af) 52-57VDC(802.3at/802.3bt)
Ethernet Port	4* 10/100/1000Base-T PoE++ RJ-45(Auto-MDI/MDI-X) 4* 10/100/1000Base-T PoE+ RJ-45(Auto-MDI/MDI-X) 2* 1G/2.5G/10G SFP+ Slots
Management port	1* RJ45 Console Port,1* USB2.0 for configuration and firmware update
Data & Alarm channel	1 channel RS485 1 channel DI (digital input) 1 channel DO (relay)
LED Indicator	P: The device power on is normal S: Device on normal operation USB: USB drive is detected ALM: Fault alarm Ring: Ring network enable
Reset Button	Pinhole reset button
Standard	IEEE 802.3,IEEE 802.3u,IEEE 802.3ab,IEEE 802.3z,IEEE 802.3ae,IEEE 802.3x, IEEE 802.1D,IEEE 802.1w,IEEE 802.1Q, ITU-T G.8032,IEEE 802.1X,IEEE 802.1ab, IEEE 802.3ad,IEEE 802.3af,IEEE 802.3at,IEEE 802.3bt
POE	
Power Consumption	480W
PoE Outputs	Port 1-4: IEEE 802.3bt PoE++ 90W (Pin 1/2/4/5+, 3/6/7/8-) Port 5-8: IEEE 802.3af/at PoE+ 30W (Pin 1/2+, 3/6-)
Switching Features	
Switching Capacity	56Gbps
Packet Forwarding Rate	83.328Mpps
MAC Address Table	16K
Packet Buffer	12Mbit
Jumbo Frame	10KBytes
VLAN	4K
Forwarding delay	<5us
Watchdog	Support
Environment	
Operating Temperature	-40°F to 140°F(-40°C to 60°C)
Storage Temperature	-40°F to 185°F(-40°C to 85°C)
Operating Humidity	10% to 90% non-condensing
Storage Humidity	5% to 95% non-condensing
Surge Protection	Differential mode ±4KV, Common mode ±6KV
Electrostatic Standard	Contact ±8KV, Air ±15KV
MTBF	>100,000 hours
Certification	CCC/CE/UKCA/RoHS/REACH/FCC

Specification

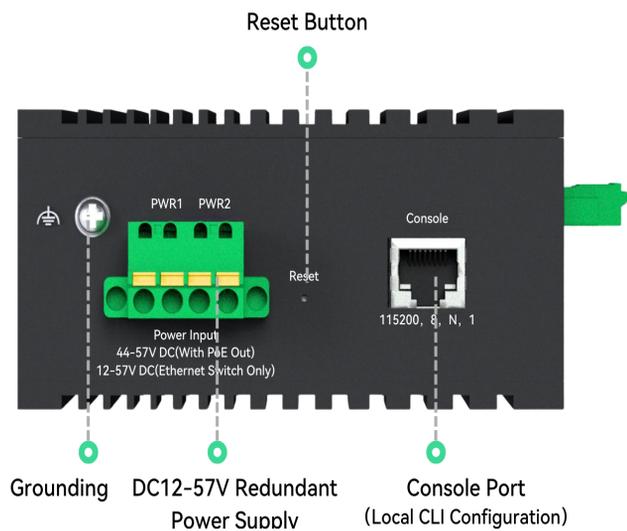
L3 Features	
DHCP	DHCP Server DHCP Client DHCP Snooping
Route	IPV4/IPV6 Static Routing
ARP	ARP table aging
L2 Features	
VLAN	802.1Q tag-based VLAN Port-based VLAN MAC-based VLAN Protocol-based VLAN IP-based VLAN Port-based QinQ/Vlan-based QinQ GVRP
Port Aggregation	IEEE 802.3ad Link Aggregation Control Protocol Static Aggregation
Loop Protection	STP/RSTP/MSTP ERPS
IGMP	IGMP Snooping
LLDP	LLDP (Link Layer Discovery Protocol)
QoS	
Class of Services	Policy-based QoS
Scheduling	SP/WRR Queue Scheduling Algorithm
Bandwidth Management	Ingress/Egress Port-based Rate-limit
Security	
ACL	IP-based ACL MAC-based ACL User defined ACL
IEEE 802.1X	Port access control Mac-address access control RADIUS server
IP source guard	IP Port/MAC binding
ARP-check	ARP-check and ARP packet filtering for illegal users
Access control	Telnet/SSH/HTTP/HTTPS user access control
Management	
Web GUI	Easy Browser-based Device Configuration, HTTP/HTTPS
SNMP	SNMP V1/V2c/V3
CLI management	Console/Telnet command line management
File Management	HTTP/FTP/TFTP

Interface

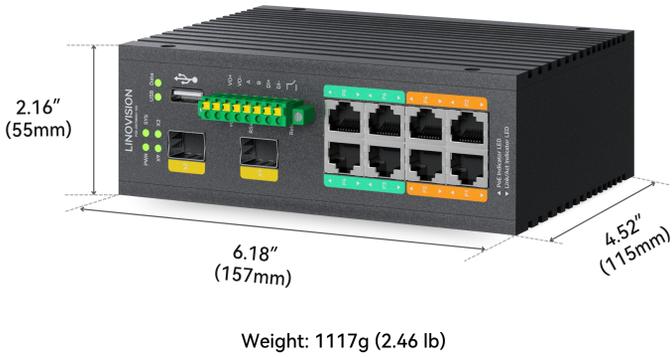
Front View



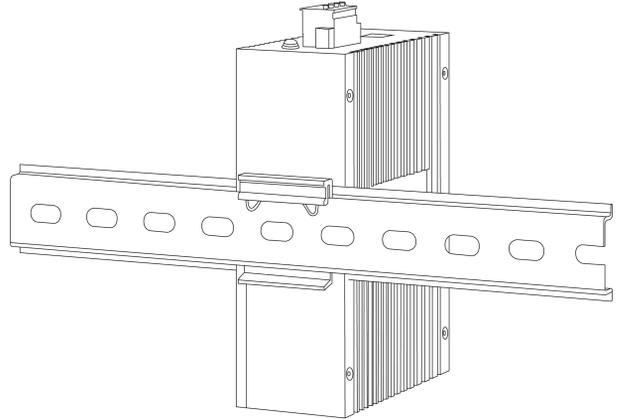
Side View



Dimension



Installation

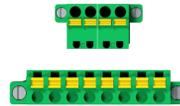


DIN-rail Installation

Package Contents



POE-SW708GM-10G



Terminal



Din Rail



User Manual

**Disclaimer: Technical specifications may subject to change without prior notice*