

POE-SW508G2

Industrial 8 Ports Full Gigabit PoE Switch with 4 BT90W Ports



Outstanding Features

PoE++ Switch

- Ports 1-4 (PoE++) : Support IEEE802.3af/at/bt standard, delivering up to 90W per port. Ideal for powering high-demand devices.
- Ports 5-8 (PoE+) : Support IEEE802.3af/at standard, delivering up to 30W per port. Suitable for a wide range of PoE-enabled devices.
- Total PoE Budget: 360W (default power supply supports up to 120W)

Gigabit Connectivity

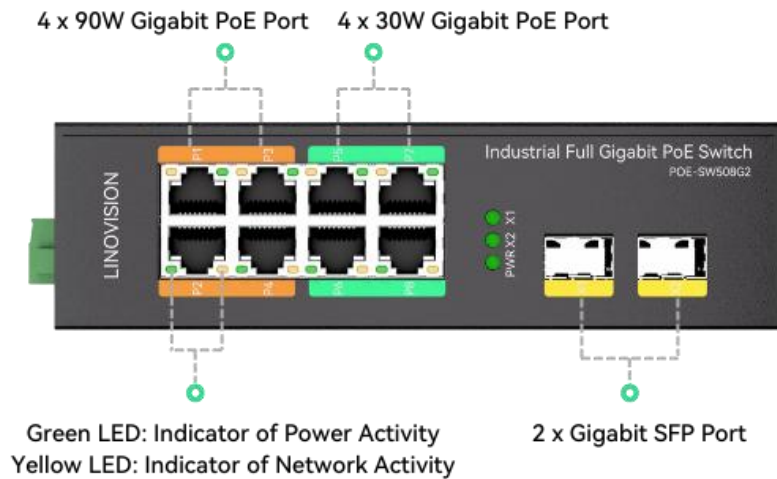
- PoE Ethernet Ports: 8 * 10/100/1000Base-T PoE ports for power and data delivery.
- SFP Uplink: 2 * 100/1000Base-X SFP slot for fiber backbone and long-distance links.

Industrial Design

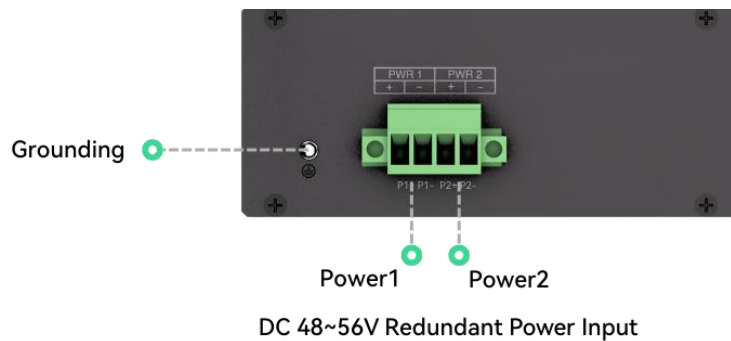
- IP40 Metal shell & fanless design.
- Supports DIN-rail and Wall Mount installation.
- Wide working temperature -40°C to 75°C (-40°F to 167°F).
- 6KV surge immunity and 8KV ESD protection.

Interface

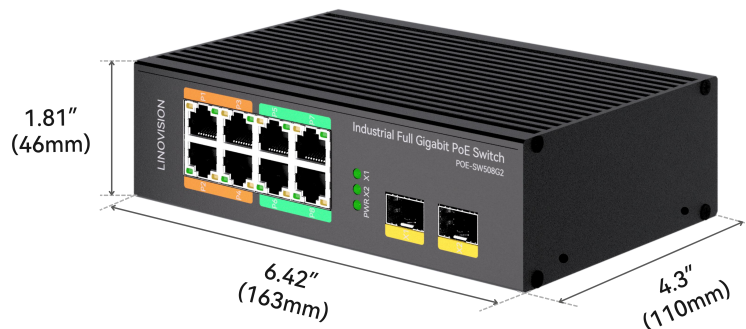
Front View



Side View



Dimension



Weight: 573g (1.26 lb)

Hardware Specifications

Mechanical Specs

Dimensions (W*D*H)	163 × 110 × 46 mm (6.42" × 4.3" × 1.81")
Weight	573 g (1.26 lb)
Material	Metal
Protection Rating	IP40
Installation	Din-Rail/Wall Mount

Interfaces

Ethernet Port	8 * 10/100/1000Base-T RJ45 Ports 2 * 1000Base-X SFP Slots
Power Supply	48-56V DC
Connector	Removable 4-pin terminal block Pin 1/2 for Power 1 Pin 3/4 for Power 2
LED Indicator	PWR: Power (green) X1, X2: SFP (green) Network Indicator: Link (yellow)

Power over Ethernet

PoE Port	Port 1-4: IEEE802.3bt PoE++ Max.90 W Port 5-8: IEEE802.3at PoE+ Max.30 W
PoE Power Supply Type	End-span
Power Pin Assignment	Port 1-4: 1/2/4/5(+), 3/6/7/8(-) Port 5-8: 1/2(+), 3/6(-)
PoE Power Budget	360W (default power supply supports up to 120W)

Switching Features

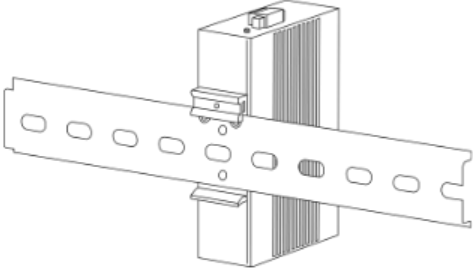
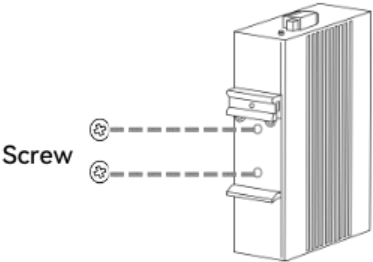
Switch Architecture	Store-and-Forward
Switching Capacity	32 Gbps
Packet Forwarding Rate	16.86 Mpps
MAC Address Table	8 KB
Flow Control	IEEE802.3x pause frame for full duplex Back pressure for half duplex

Standards Conformance

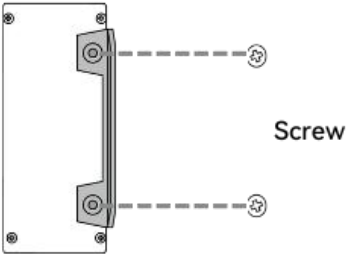
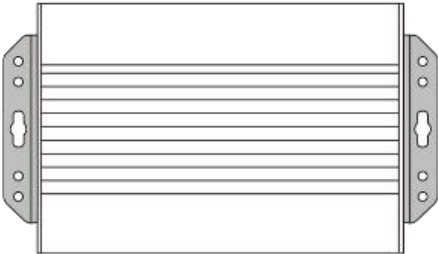
Regulatory Compliance	FCC Part15 Class A, CE, ROHS
Standard	IEEE802.3i 10 BASE-T IEEE802.3u 100 BASE-TX IEEE802.3ab 1000BASE-T

Standard	IEEE802.3x Flow Control IEEE802.3af Power over Ethernet IEEE802.3at Power over Ethernet IEEE802.3bt Power over Ethernet IEEE802.3az EEE
Environment	
Operating Temperature	-40°C to 75°C (-40°F to 167°F)
Storage Temperature	-50°C to 85°C (-58°F to 185°F)
Operating Humidity	0% to 95% non-condensing
Storage Humidity	0% to 95% non-condensing
Surge Protection	Differential mode ±2 KV, Common mode ±6 KV
ESD Protection	Contact ±6 KV, Air ±8 KV

Installation



DIN-Rail Mounting



Wall Mounting

Package Contents



x1

POE-SW508G2



x1

UL Listed
AC 110~240V to DC 48V 2.5A
Power Adapter



x1

DIN-Rail Mounting Accessory



x1

Wall Mounting Accessory



x1

User Manual

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