

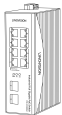
LINOVISION

Industrial Full Gigabit PoE Switch
POE-SW508G2
Quick Guide (V1.2/2026-04-21)



Quick Guide

Package Contents



POE-SW508G2



UL Listed
AC100V~240V to DC48V~56V
Power Adapter



DIN-Rail Mounting
Accessory

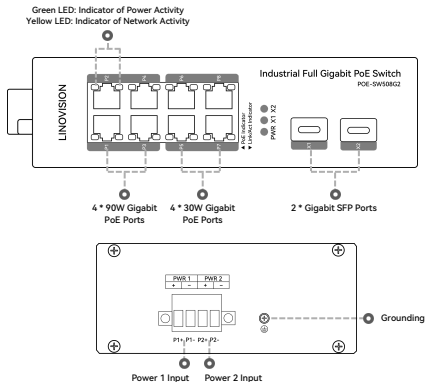


Wall Mounting
Accessory

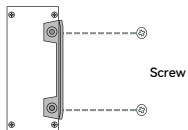
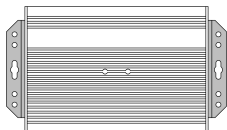


Quick Guide

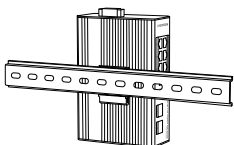
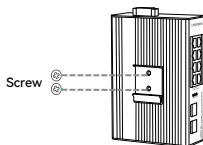
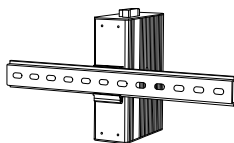
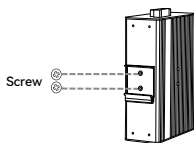
Interface



Installation



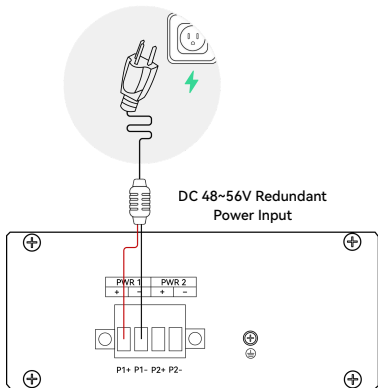
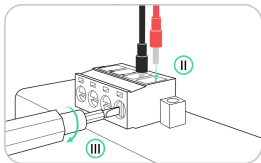
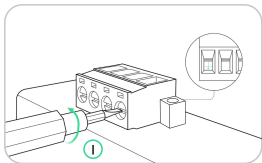
Wall Mounting



DIN-Rail Mounting

Connect to Power

1. Connect the included UL Listed 120W power adapter to the switch's DC Power Input connector.
2. Connect the other end of the power adapter to an AC power outlet.
3. The switch will automatically power on, and the Power LED will light up.



Specifications

Mechanical Specs	
Dimensions (W*H*D)	159 × 49.5 × 110.5 mm (6.26 × 1.95 × 4.35 in)
Weight	665 g (1.47 lb)
Enclosure	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: IEEE 802.3bt PoE++ Max.90 W Port 5-8: IEEE 802.3at 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 Mbps

MAC Address Table	8 KB
Flow Control	IEEE 802.3x 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 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

LED Indicator

LED	Color	Status	Description
PWR	Green	On	Device is powered on
X1 / X2	Green	On	SFP fiber link is established
Link/Act	Yellow	On	On: Ethernet link established
		Blinking	Blinking: data transmission/activity
PoE	Green	On	The port is supplying PoE power to a powered device