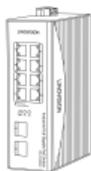# LINOVISION

Industrial Full Gigabit PoE Switch
POE-SW508G2
Quick Guide (V1.1/2026-03-13)
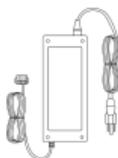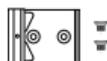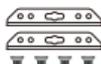
Quick Guide

Package Contents

POE-SW508G2

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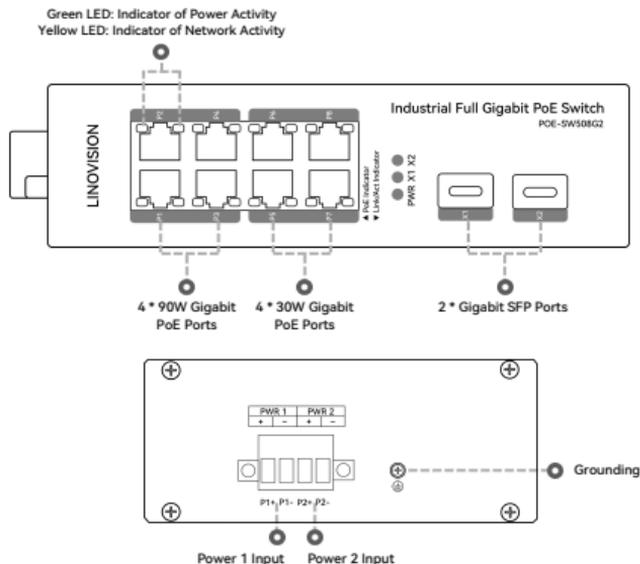

DIN-Rail Mounting
Accessory

Wall Mounting
Accessory

Quick Guide

Interface

Green LED: Indicator of Power Activity
Yellow LED: Indicator of Network Activity

LINOVISION

Industrial Full Gigabit PoE Switch
POE-SW508G2

PWR X1 X2

4 * 90W Gigabit
PoE Ports

4 * 30W Gigabit
PoE Ports

2 * Gigabit SFP Ports

PWR 1   PWR 2

Grounding

P1+ P1- P2+ P2-

Power 1 Input   Power 2 Input

Installation

Screw

Wall Mounting

Screw

Screw
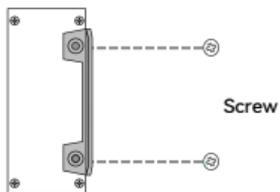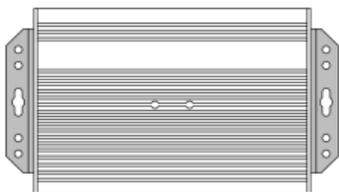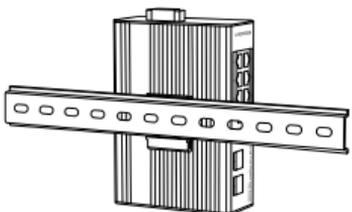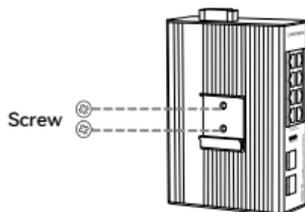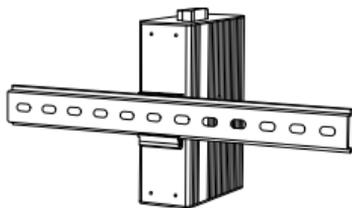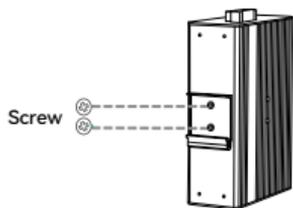
DIN-Rail Mounting

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.

DC 48~56V Redundant Power Input

Specifications

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

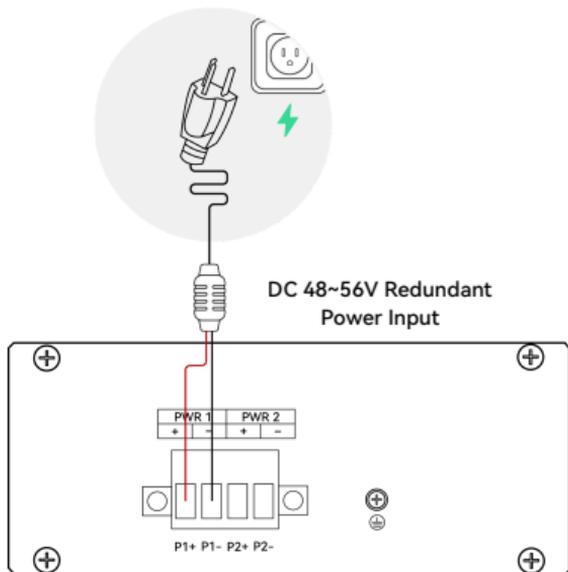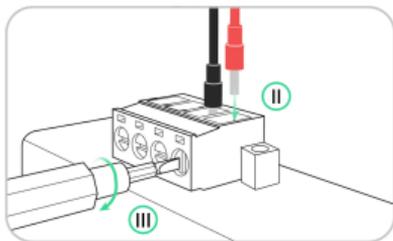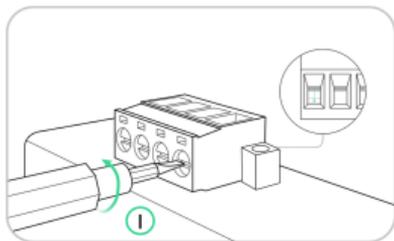| Interfaces	
Ethernet Port	8 * 10/100/1000Base-T RJ45 Ports 2 * 1000Base-X SFP Slots
Power Supply	48–56V DC
Connector	Removable 4-pin terminal block Pin 1/2 for Power 1 Pin 3/4 for Power 2
LED Indicator	PWR: Power (green) X1, X2: SFP (green) Network Indicator: Link (yellow)

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 Tablel	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℃ to 75℃ (-40°F to 167°F)
Storage Temperature	-50℃ to 85℃ (-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