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POE-SW508G2-240

Industrial 8 Ports Full Gigabit PoE Switch with 4 BT90W Ports



Outstanding Features

- **8 PORT FULL GIGABIT POE SWITCH:** Provides 8 10/100/1000Mbps PoE+ ports and 2 10/100/1000Mbps SFP Uplink ports. (SFP module is purchased separately, SFP-GE-RJ45 - ASIN:B0CKXQ7TPG)
- **BT90W POE++ OUTPUT:** Port 1-4 support BT 90W PoE++ output. It supports big power PTZ cameras, PoE light or PoE monitor. And it offers great cabling flexibility when bundling with PoE extenders and Passthrough PoE Switches.
- **GREAT COMPATIBILITY:** Compliant with IEEE 802.3af/at/bt PoE Standards, works well with PoE / PoE+ / PoE++ / Non-PoE devices, like PTZ camera, IP cameras, PoE VoIP Phones, PoE Wireless APs, IoT devices, etc.
- **REDUNDANT POWER SUPPLY:** from two independent power sources (DC 48-56V), ensure top reliability operation.
- **POE WATCHDOG:** Realtime monitor status of PoE load devices and automatically reboot PoE ports when the connected devices are not active.
- **UL LISTED POWER ADAPTER:** Default UL-certified 240W power adapter, optional Mean Well 240W DIN Rail Power Supply (ASIN: B015C9ITSS), or 480W DIN Rail Power Supply NDR-480-48(B0CC9B3T7H), the total PoE Budget of PoE Switch can be increased to 360W.
- **INDUSTRIAL DESIGN:** For harsh environmrnt, with IP40 metal enclosure, wide working temperature from -40 °F to +167 °F (−40 °C to +75 °C) , DIN-rail mounting, 6kV surge protection.

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Hardware Specifications

Mechanical Specs	
Dimensions (W*D*H)	159 × 110.5 × 49.5 mm (6.26 × 4.35 × 1.95 in)
Weight	665 g (1.47 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 240W)
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

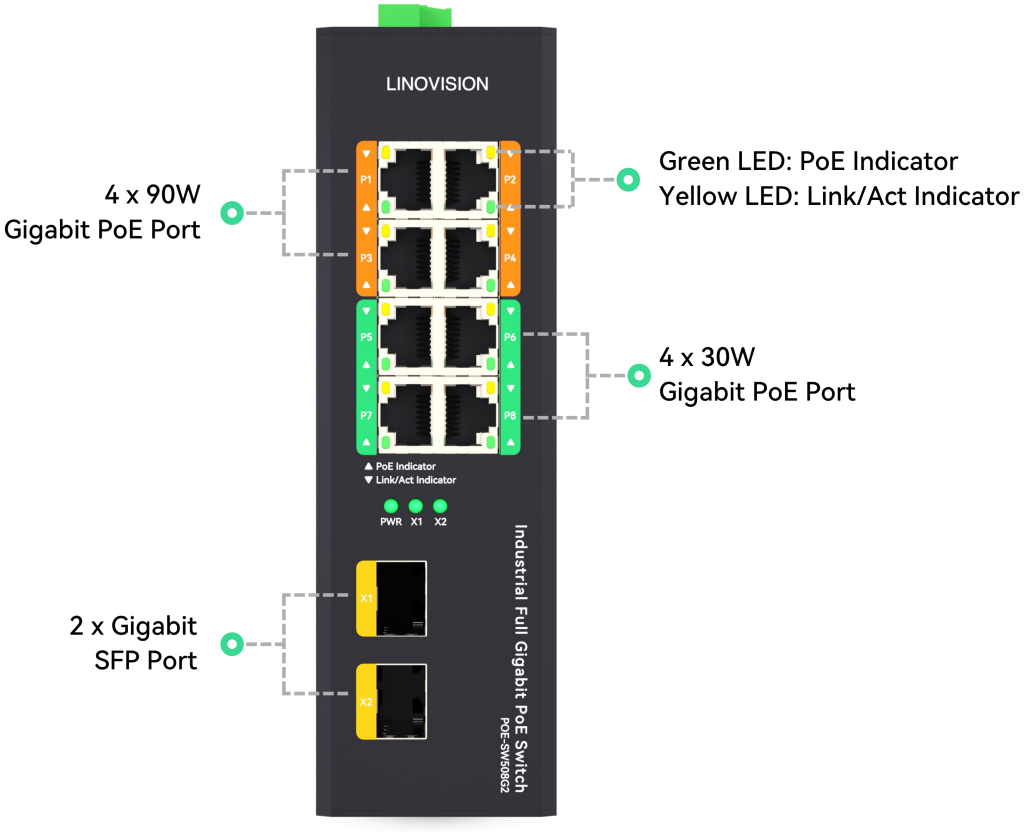
Standard	IEEE802.3x Flow Control IEEE802.3af Power over Ethernet IEEE802.3at Power over Ethernet IEEE802.3bt Power over Ethernet IEEE802.3az EEE
Environment	
Operating Temperature	-40℃ to 75℃ (-40℉ to 167℉)
Storage Temperature	-50℃ to 85℃ (-58℉ to 185℉)
Operating Humidity	0% to 95% non-condensing
Storage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

Power Supply Adapter Specifications

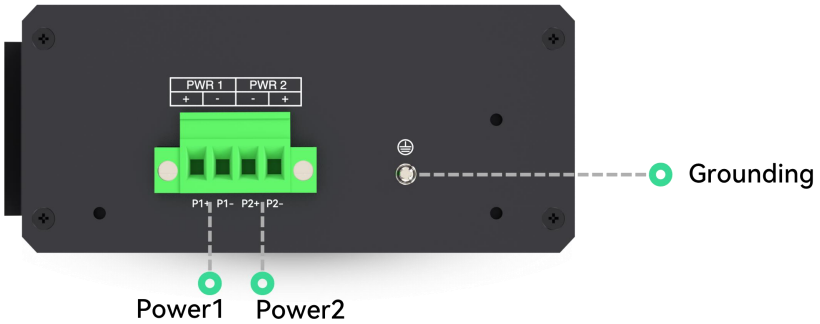
Input Voltage	100-240VAC
Output	54VDC/4.44A, Max. 240W
Effenciency	>80%
Work Temperature	0℃ to 40℃ (32℉ to 104℉)
Storage Temperature	−25℃ to 75℃ (−13℉ to 167℉)
Humidity	95RH
Rated Input Voltage	220VAC
Input Voltage Range	100-240VAC
Input Freq Range	50/60Hz
Voltage Requlation	50V DC ±5%
Voltage with full load	50V DC ±5%
Products Size	147 × 80 × 36 mm (5.79 × 3.15 × 1.42 in)

Interface

Front View



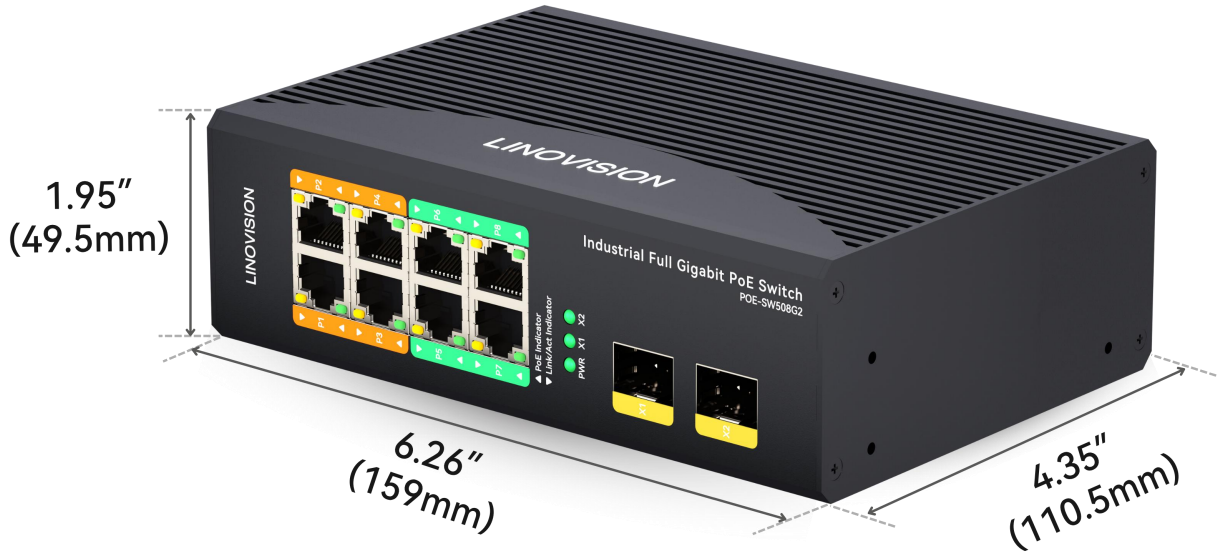
Side View



DC 48~56V Redundant Power Input

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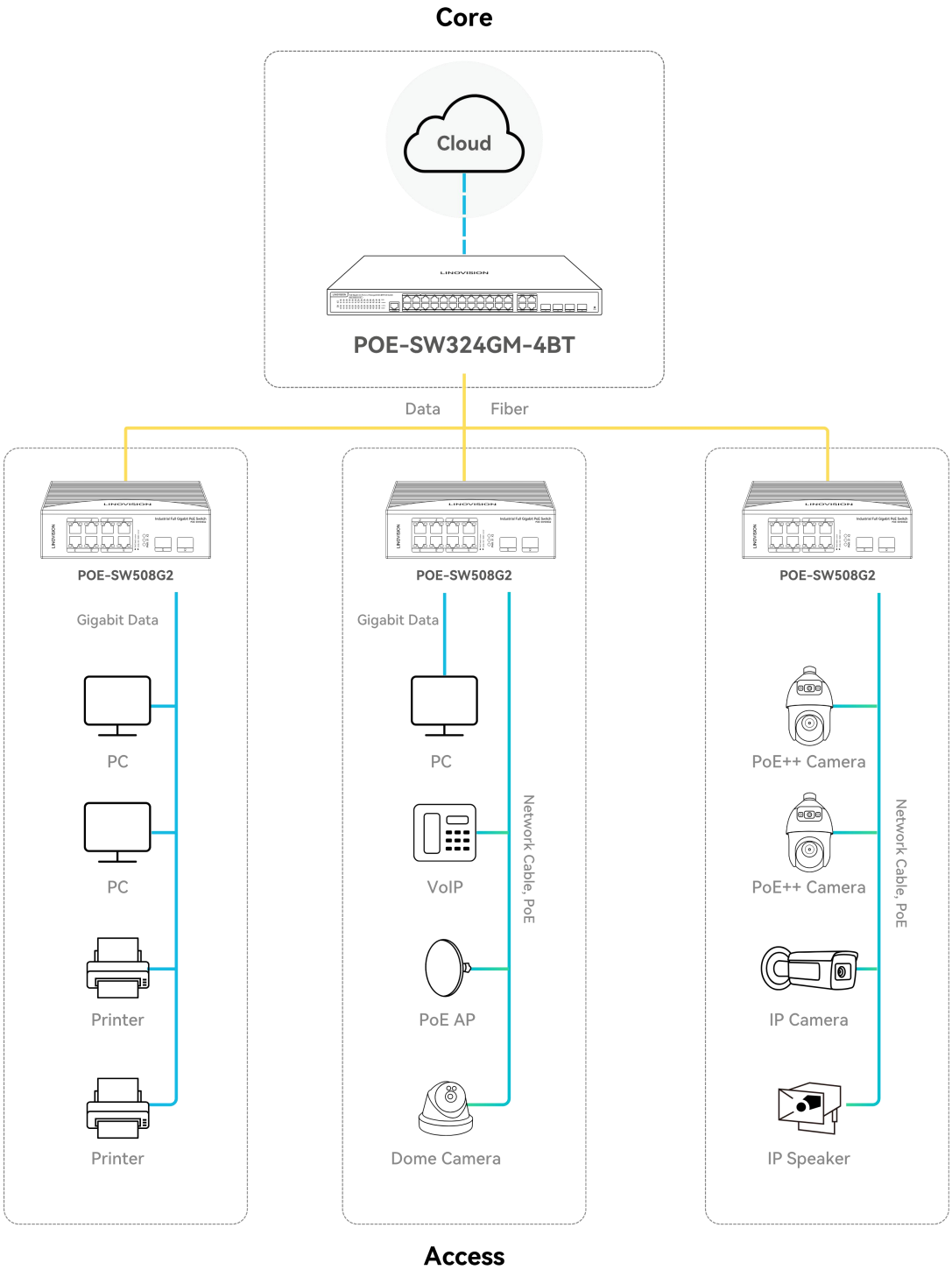
Dimension



Weight: 665g (1.47 lb)

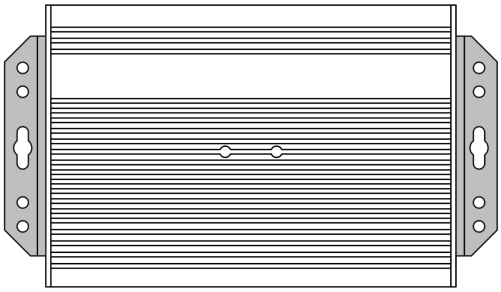
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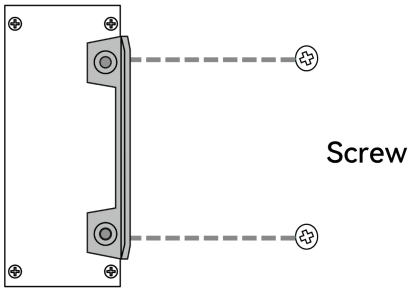
Connection Diagram



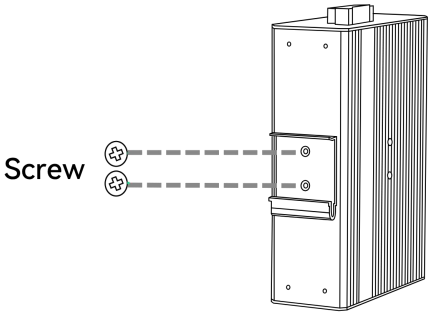
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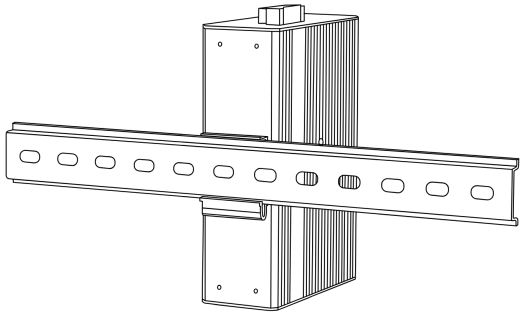
Installation

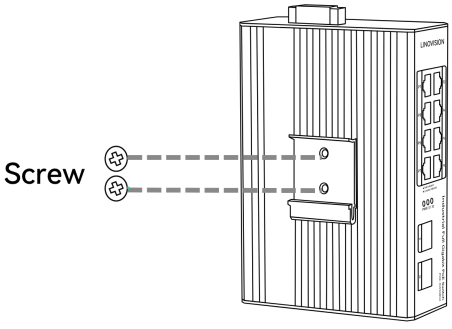


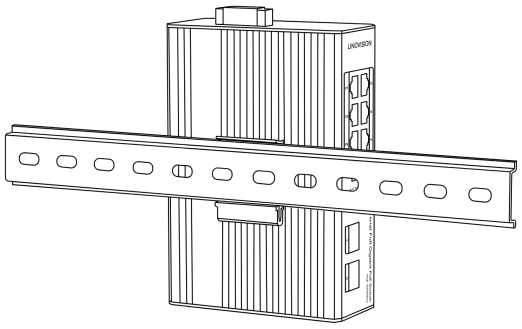


Wall Mounting







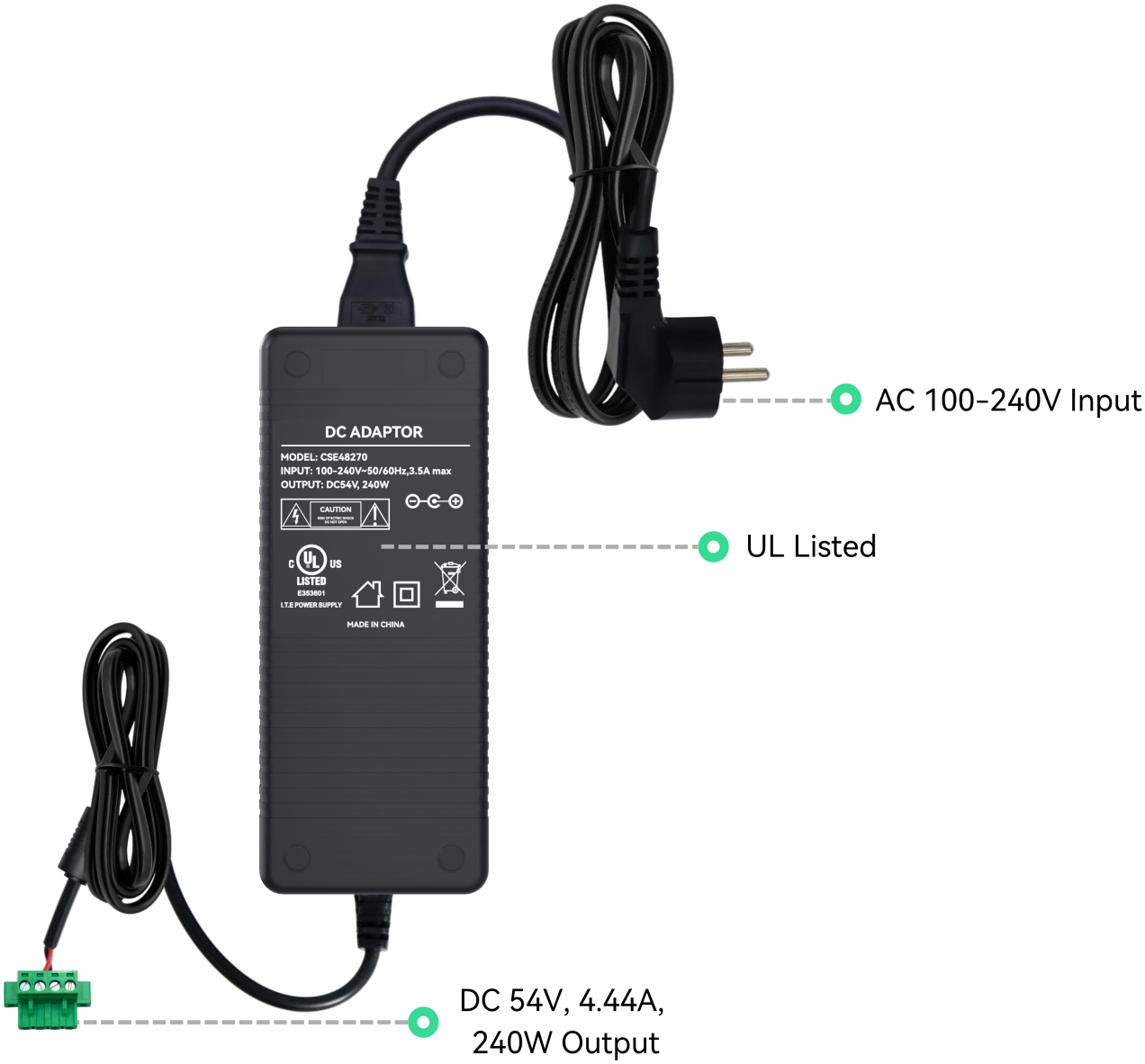


DIN-Rail Mounting

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UL Listed Power Adapter

Optional Mean Well 240W DIN Rail Power Supply (ASIN: B015C9ITSS), or 480W DIN Rail Power Supply NDR-480-48(B0CC9B3T7H), the total PoE Budget of PoE Switch can be increased to 360W.



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Package Contents



POE-SW508G2



UL Listed
AC 100~240V to DC 54V 4.44A
Power Adapter



DIN-Rail Mounting Accessory



Wall Mounting Accessory



User Manual

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