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POE-SP1224POE

Industrial Gigabit 30W PoE+ Splitter with Switchable DC 12V/24V Output and Passive PoE Output



Outstanding Features

DC 12V/24V Output Switchable

- Dual-Voltage Flexibility: 12V or 24V selectable via DIP switch for versatile power delivery.
- Broad Compatibility: Supports non-PoE devices (IP cameras, routers, IoT terminals).

Passive PoE or Gigabit Data Output

- Dual-Mode: Passive PoE power delivery or Gigabit data transmission selectable via DIP switch.
- Voltage Compatibility: 12V/24V Passive PoE (aligned with DC output to prevent device damage).
- Passive PoE Support: Powers non-standard PoE devices (wireless APs, bridges).

Gigabit Connectivity

- Gigabit Speed: All ports support 10/100/1000 Mbps auto-negotiation.

Industrial Design

- Working Temperature: -40°C~75°C (-40°F to 167°F).
- Compact Dimension: Full-metal design, dimensions 82.7 x 53 x 25.8 mm (3.26 x 2.09 x 1.02 in).
- Installation: DIN-Rail for industrial cabinets.

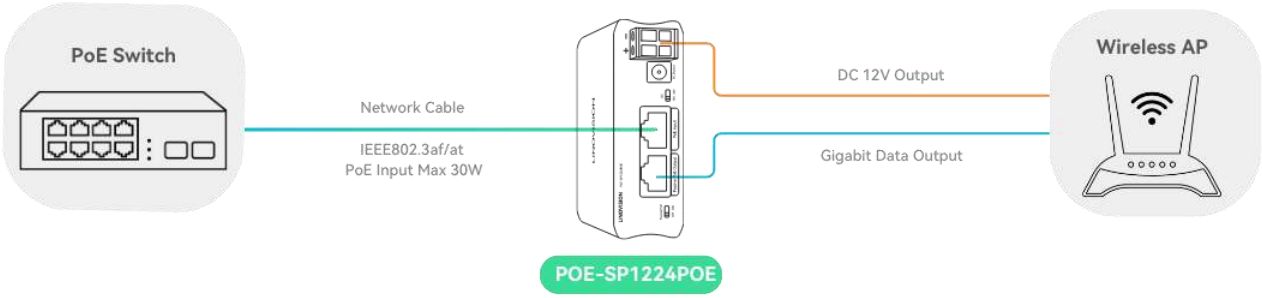
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Interface

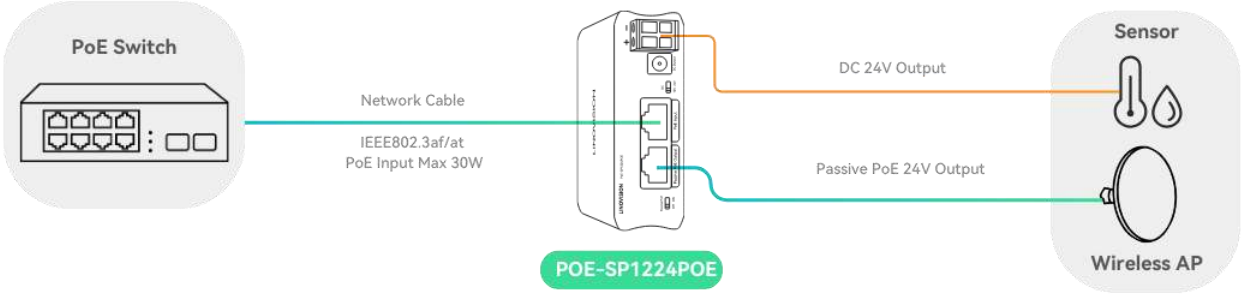


Connection Diagram

PoE Split to Gigabit Data + DC12V/24V



PoE Split to Passive PoE 12V/24V + DC12V/24V



Noted: Passive PoE and DC output operate at the same voltage and the total power is up to 25W.

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Specifications

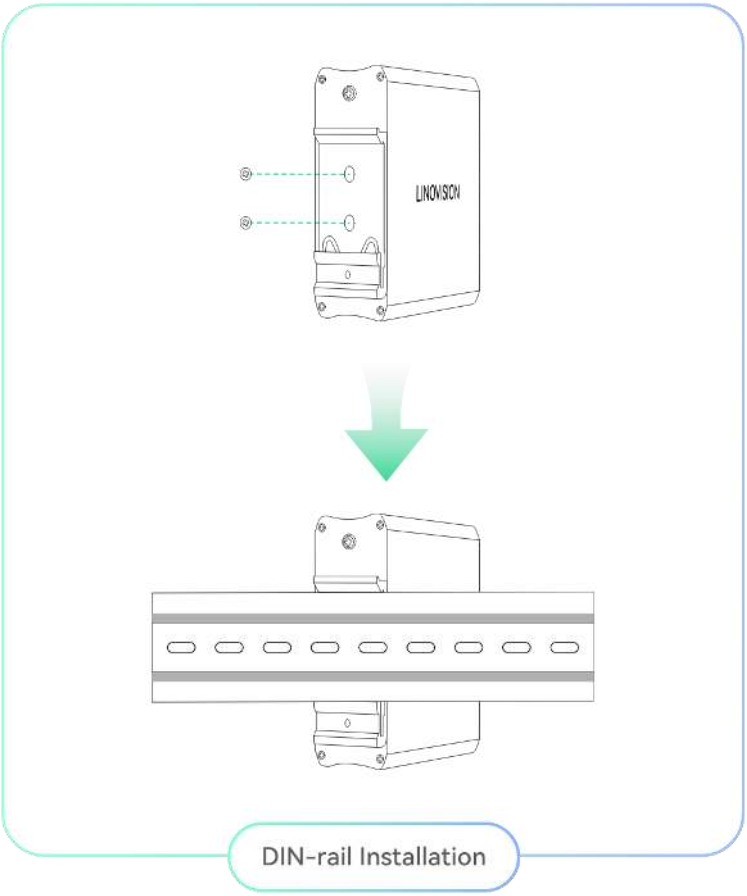
Mechanical Specs	
Dimensions (W*H*D)	82.7 x 53 x 25.8 mm (3.26 x 2.09 x 1.02 in)
Weight	0.117 kg (0.258 lb)
Material	Aluminum
Installation	DIN-Rail
Interfaces	
PoE Input	Ethernet Port: 1 * 10/100/1000Base-T RJ45 PoE Standard: IEEE 803.2af/at Power Supply: Mode A & Mode B
Passive PoE Output	Ethernet Port: 1 * 10/100/1000Base-T RJ45 Power Pin Assignment: 4/5 (+), 7/8 (-)
Passive PoE DIP Switch	Passive PoE or Data only output
DC Output	5.5/2.1 mm Female DC Jack and Terminal Block Connector (Dual-Use)
DC DIP Switch	12 V/24 V DC and Passive PoE voltage output
Grounding	Grounding Terminal
Environment	
Operating Temperature	-40℃ to 75℃ (-40℉ to 167℉)
Storage Temperature	-40℃ to 85℃ (-40℉ to 158℉)
Humidity	0% to 95% non-condensing
Surge Protection	1500 V
Electrostatic Standard	HBM ±2000 V, CDM ±750 V

Dimension



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Installation



Package Contents



POE-SP1224POE



DIN-Rail Mounting Accessory



User Manual

Disclaimer: Technical specifications may subject to change without prior notice