

POE-SP01G

Gigabit PoE Splitter with 12V DC Power Output



Outstanding Features

- Complies with IEEE 802.3af/at standards for wide compatibility
- Supports both Mode A (1/2+, 3/6-) and Mode B (4/5+, 7/8-) power schemes
- Converts PoE input (44-57VDC) to stable 12VDC output
- Delivers up to 24W power output with high efficiency (>82%) and low ripple
- Built-in 4KV surge protection for reliable operation in harsh environments
- Integrated protection against short circuit, over-current, and over-temperature
- Plug-and-play installation with no configuration required
- Supports Gigabit Ethernet transmission (10/100/1000Mbps) with full/half duplex and MDI/MDI-X auto-sensing
- Compact and flame-retardant ABS+PC housing for industrial applications

Specification

Hardware

Interface	PoE in Port: 1 x 10/100/1000BASE-T Ethernet POE PD In, Out Port: 1x 10/100/1000BASE-T Ethernet and 1 DC 12V Out
Ethernet Port	Ethernet port can support 10/100/1000Base-TX auto-sensing, full/half duplex MDI/MDI-X self-adaption
Network Cable	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter) 1000BASE-TX: Cat5E or later UTP(≤100 meter)
Transmission Bandwidth (Rate)	10/100/1000Mbps
Dimension (L*W*H)	80*28*21mm, cable length:≤180mm
Weight	0.16kg

Power over Ethernet (PoE) Specifications

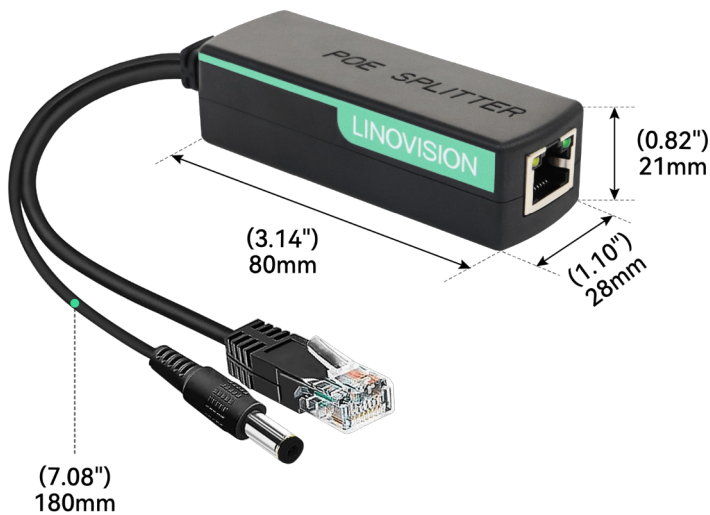
PoE Standard	IEEE 802.3af, IEEE 802.3at
Input Voltage	44~57VDC
Power Pin Assignment	Mode A and B: 1/2 (+), 3/6 (-) & 4/5 (+), 7/8 (-)
Output Voltage	12VDC± 1.5V
Power Consumption	Standby<1W, Full Load<24W

Standards Conformance

Standards Compliance	IEEE 802.3 Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3x Flow Control IEEE 802.3af Power over Ethernet IEEE 802.3at Power over Ethernet Plus
Stability Testing	IEC 60068-2-32 (Free fall) IEC 60068-2-27 (Shock) IEC 60068-2-6 (Vibration)
Temperature	Operating: -20~55 degrees C Storage: -40~75 degrees C
Humidity	Operating: 5~90%, (non-condensing) Storage: 5~90% (non-condensing)
Regulatory Compliance	FCC Class A, CE Class A

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

Dimension



Weight: 160g (0.13 lb)

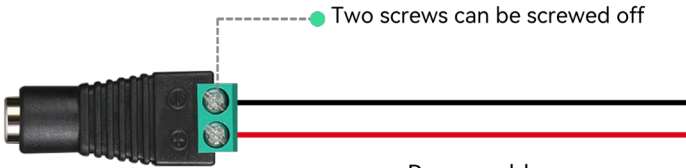
Additional Two Pin Connector



RJ45 Port

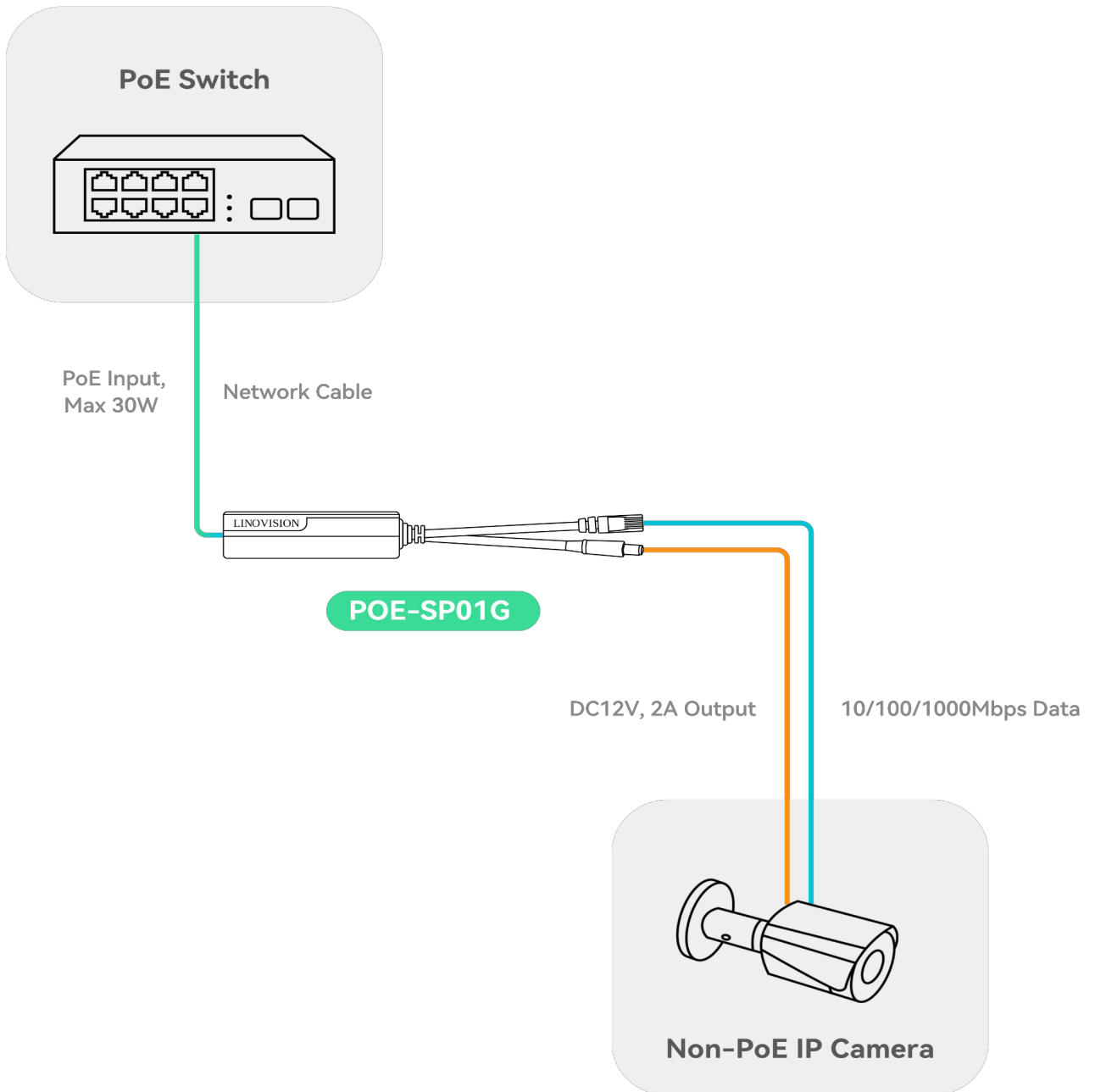


5.5 x 2.1mm DC Port



Additional Two Pin Connector

Application



Package Contents



POE-SP01G (2 pack)



Two Pin Connector