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POE-SW507GDF-BT

Industrial 7 Ports DC12V PoE Switch for Solar Camera Trailers



Outstanding Features

- 7-Port DC12V PoE Switch - Featuring built-in voltage booster, it accepts a wide 9~57V DC input, and provides 5 standard 802.3at/bt PoE outputs plus 1 2.5G Fiber Uplink. It is perfect for solar cameras trailers or UPS battery systems.
- Up to 90W High PoE Port Power - Port 1,2 support 802.3bt 90W power for super big PTZ cameras or LED lights, Port 3,4,5 comply to 802.3at PoE standard and supply max 45W High PoE for big PTZ cameras.
- 1x Passive 24V PoE Port - To connect Wireless AP, Wireless Bridges, cellular router or other terminals that accept Passive 24V PoE. No extra PoE injector needed. PoE Pins 4/5(+), 7/8(−).
- 280W Power Budget - at 48V input; or 140W at 24V input, or 70W at 12V input
- Remotely Reboot− with built-in power relay, it can be remotely reset or power cycle via digital input trigger from an IoT controller or cellular router.
- Redundant Power Input - Support 2 independant power sources with different voltage, ensure top reliability for critical networking systems.
- Industrial Design - Compact IP40 rugged metal enclosure; Wide working temperature -4 °F to 158 °F (-20°C to 70°C); Support DIN-Rail & Wall Mount; compact dimension 4.72"x3.35"x1.20" (120 x 85 x 30.5mm), perfect for tight spaces like electrical cabinets, solar control boxes, or outdoor enclosures.

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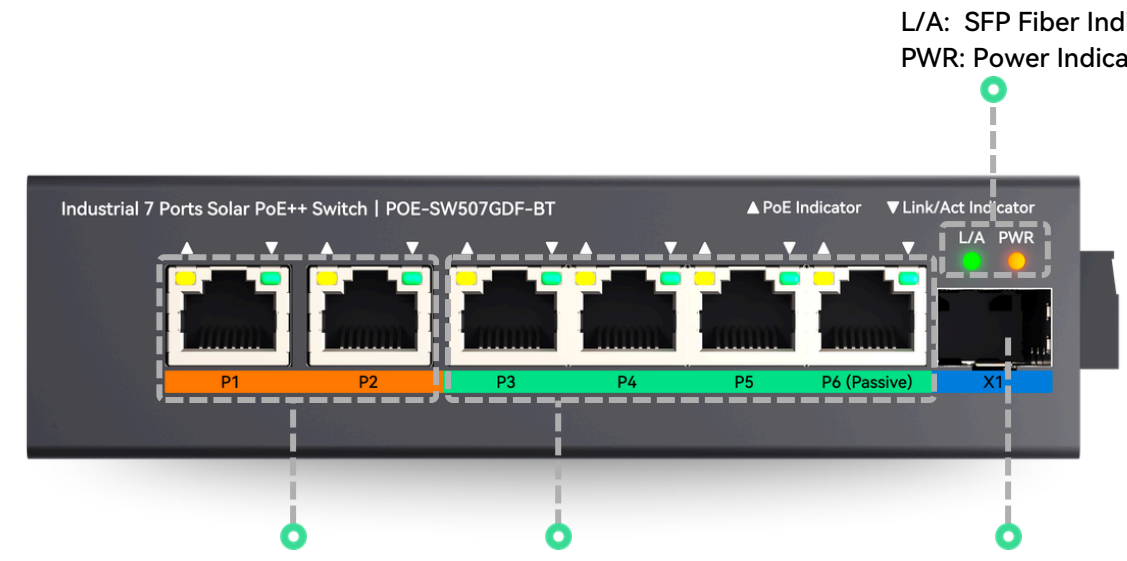
Specifications

Mechanical & Electrical	
Enclosure Material	Metal
Dimensions (W x D x H)	142 × 102 × 38 mm (5.59 × 4.01 × 1.50 in)
Weight	550g (1.21lb)
Installation	DIN-Rail & Wall Mount
LED Indicators	PWR (Power), Link/Act Indicator, POE Indicator
PoE Power Budget	70W (DC12V input) 140W (DC24V input) 280W (DC48V input)
Interface	
Network	6 x 10/100/1000 Mbps RJ45 Ports 1 x 1000/2500 Mbps SFP+ Ports
DC Power Input	DC 9-57 V, 6-pin terminal block (Include RE Input)
RE Input	Reboot Interface (DC 0-36V) High Level (>2V) = Switch Power OFF Low Level (<0.6V) = Switch Power ON
Ethernet	
Standards	IEEE 802.3 Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3az Energy Efficient Ethernet (EEE)
PoE Output Ports	Port 1-2: PoE++, IEEE 802.3af/at/bt, up to 90W, 4 Pair Port 3-5: High PoE+, IEEE 802.3af/at, up to 45W, Mode B Port 6: Passive 24V PoE, up to 15W (Pins 4/5 [+], 7/8 [−])
Environment	
Operating Temperature	-20℃ to 70℃ (-4℉ to 158℉)
Storage Temperature	-20℃ to 75℃ (-4℉ to 167℉)
Relative Humidity	5% to 95% non-condensing

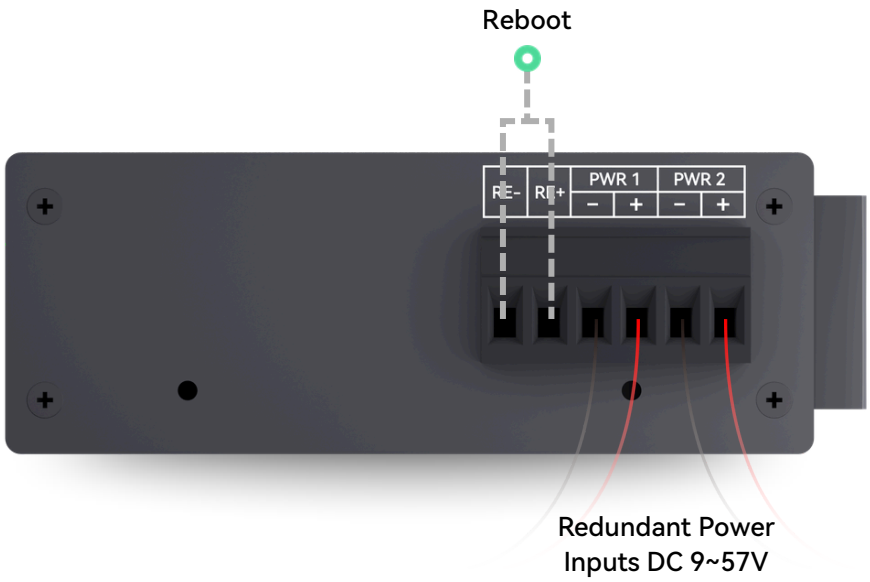
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Interface

Front View

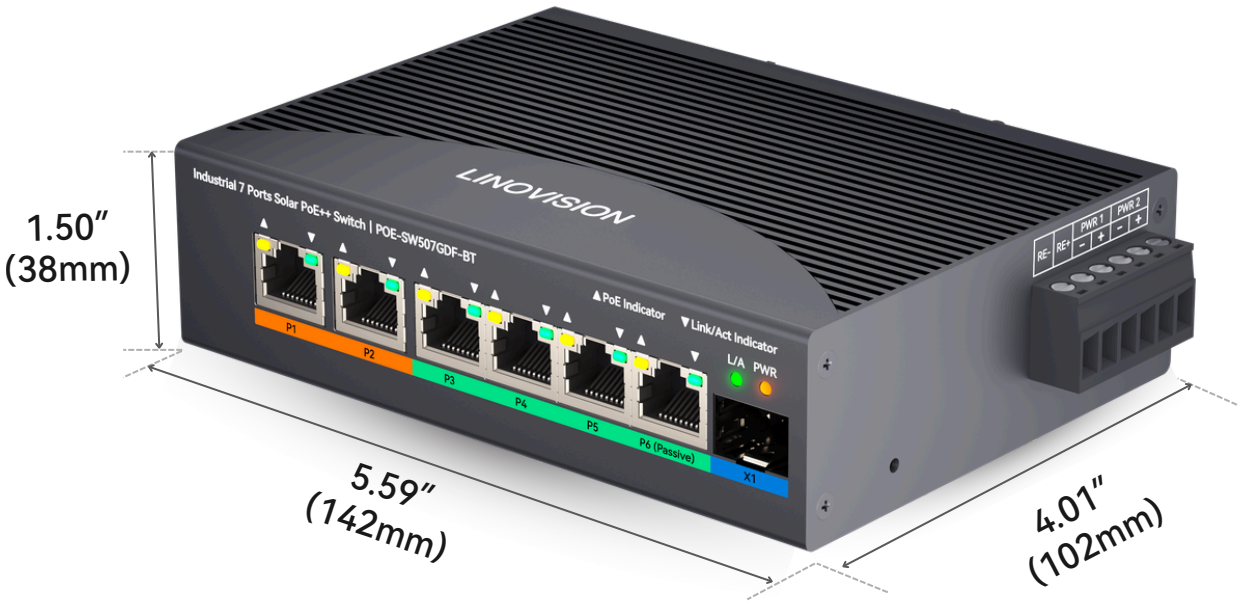


Left View



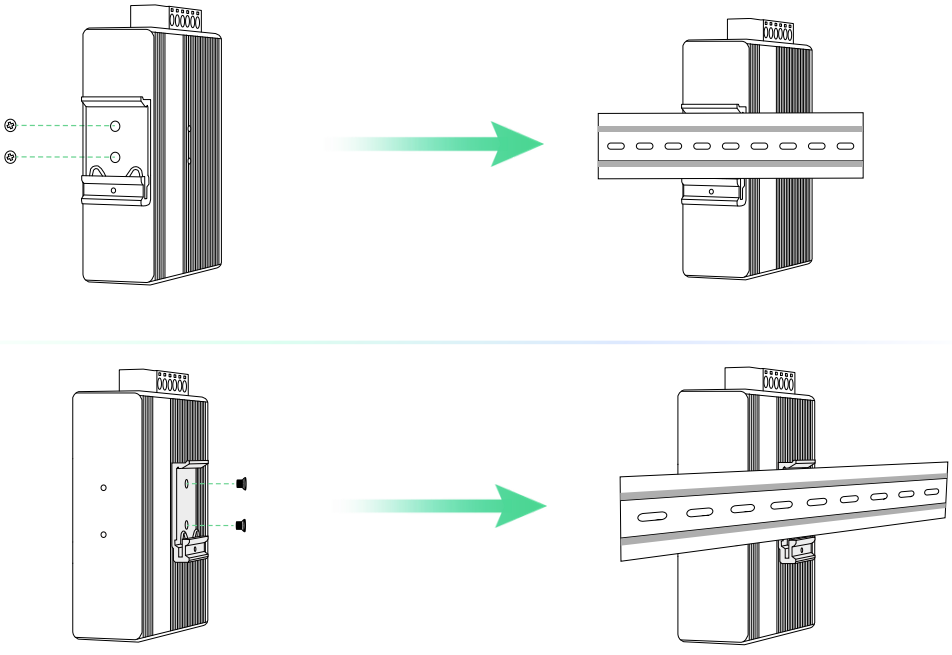
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Dimension

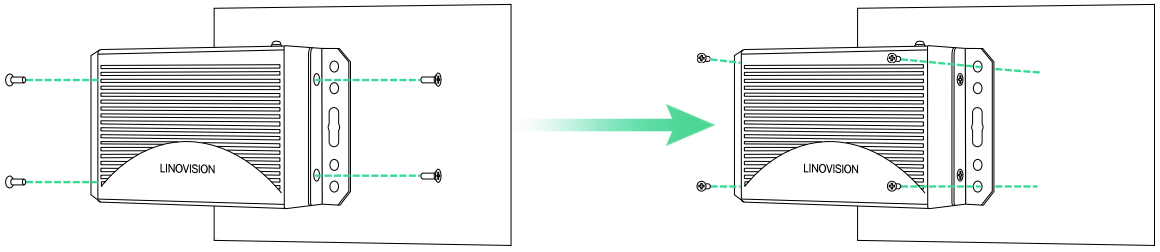


Weight: 550 g (1.21 lb)

Installation



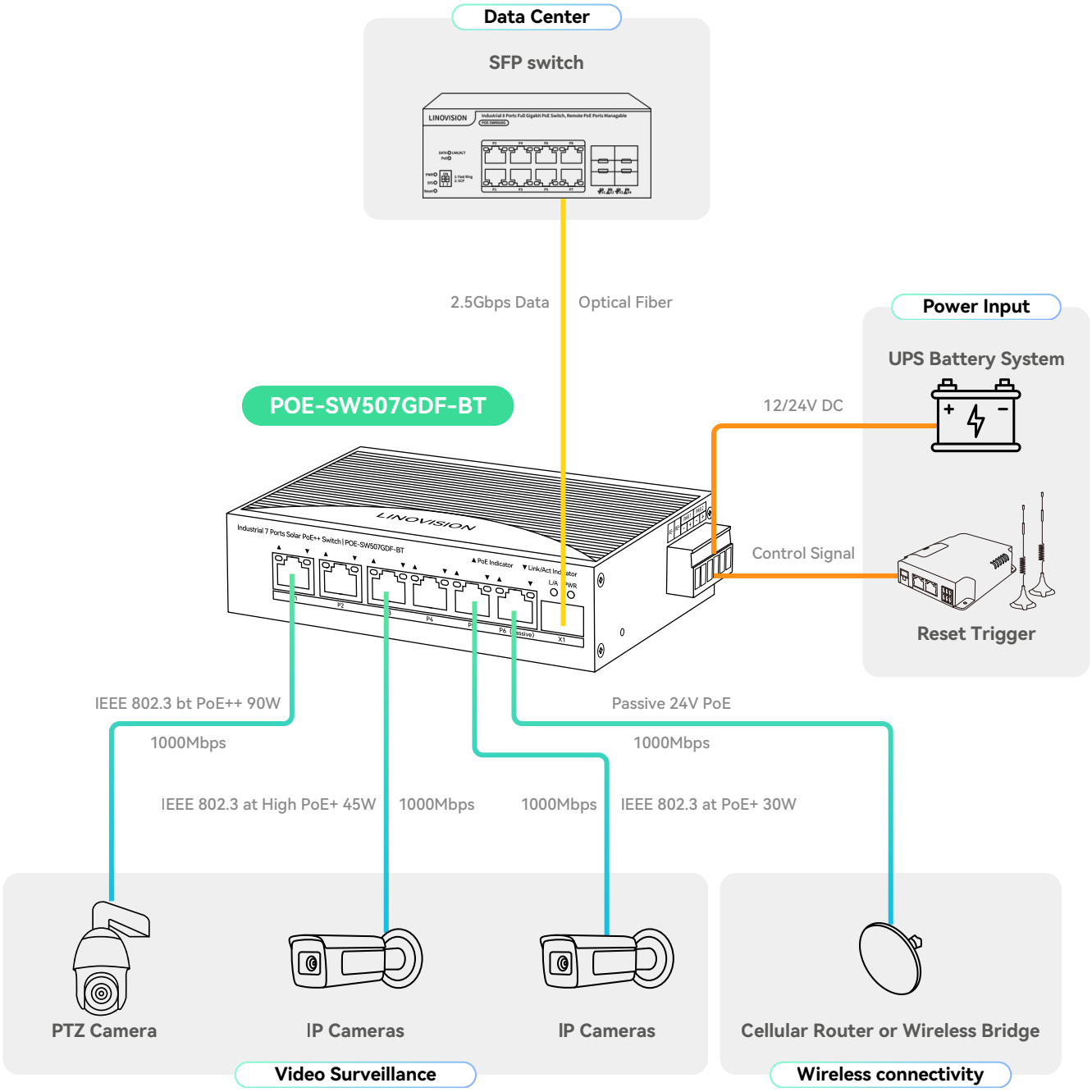
DIN-Rail Mounting



Wall Mounting

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Connection Diagram



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Package Contents



POE-SW507GDF-BT



Wall Mounting Accessory



DIN-Rail Mounting Accessory



User Manual

Disclaimer: Design and specifications are subject to changes without prior notice.