

## POE-SW506GD-BT

Industrial 4-Port Gigabit BT PoE++ Switch



### Outstanding Features

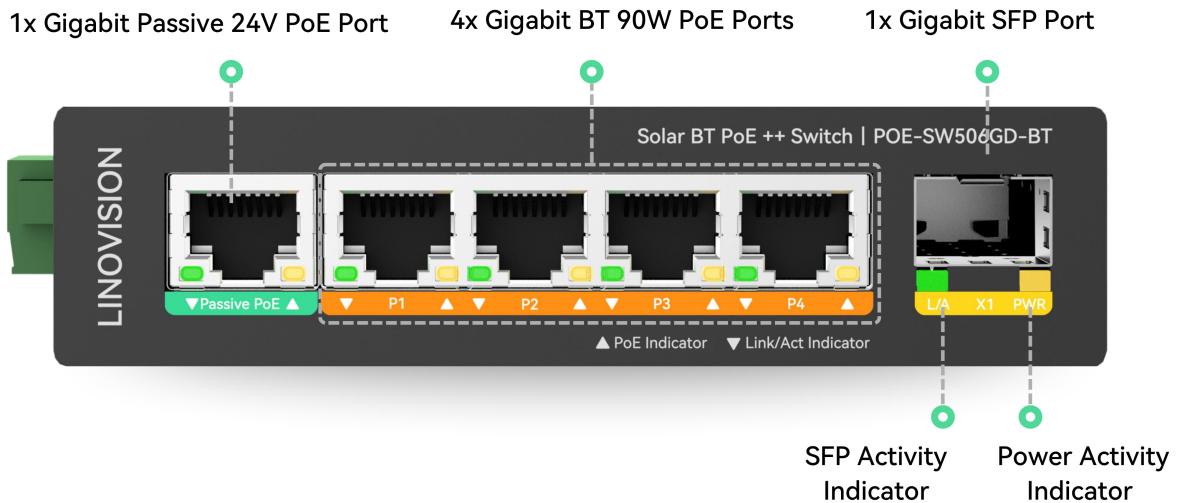
- 5 Ports Full Gigabit PoE Switch:** with 4 BT90W PoE++ ports and 1 passive PoE port, compliant with IEEE802.3af/at/bt standards.
- DC 9 ~ 54V Input - Featuring built:** in voltage booster, works directly with DC 12V or DC 24V Solar or UPS battery systems and output standard 48V PoE power, no extra DC-DC converter is required.
- Passive 24V PoE:** To connect Wireless AP, Wireless Bridges, or other terminals that accept Passive 24V PoE. No extra PoE injector needed. PoE Pins 4/5(+), 7/8(-)
- BT 90W PoE Output:** All 4 ports support IEEE802.3bt PoE power, suitable for big PTZ camera, PoE monitor or terminals. Total PoE budget is 90W with DC12V input, or 180W with DC24V input, or 240W with D48V input.
- Redundant Power Input:** from 2 independant power sources, ensure top reliability for critical networking systems.
- Industrial Design:** Compact IP40 rugged metal enclosure; Wide working temperature -40 °F to 167 °F (-40°C to 75°C); Support DIN-Rail & Wall Mount.
- Application:** Solar power camera system (DC12V/DC18V/DC36V input), RV/Vehicle/Truck/Bus system (DC12V/24V input), VoIP/Access control/Robotic Systems (DC24V/DC48V input).

## Specifications

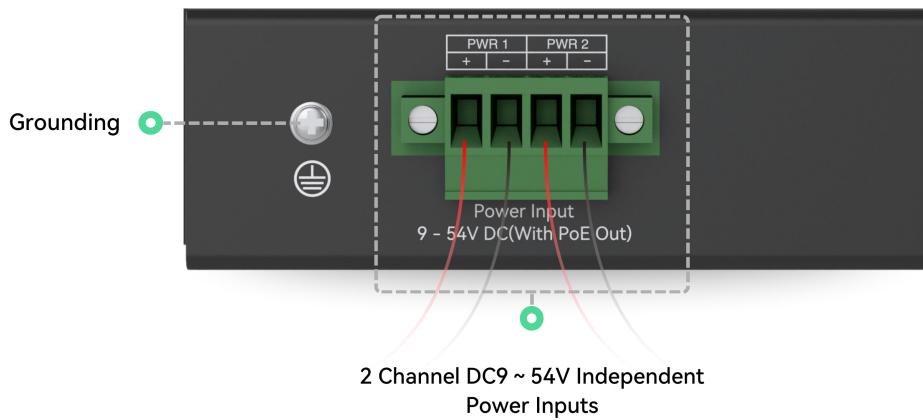
Mechanical Specs	
Dimensions (W*H*D)	120 × 85 × 30.5 mm (4.72 × 3.35 × 1.2 in)
Weight	0.381 kg (0.84 lb)
Enclosure Material	Aluminum
Installation	DIN-Rail/Wall Mount
Interface	
Network	5 * 10/100/1000 Mbps RJ45 PoE Ports 1 * 1000 Mbps SFP Port
DC Power Input	DC 9–54 V, redundant power input
Ethernet	
PoE Output Ports	Port 1–4: PoE++, IEEE 802.3af/at/bt, supports 4-pair powering (Pins 1/2/4/5 [+], 3/6/7/8 [-]) Port 5: Passive PoE, 24 V, (Pins 4/5 [+], 7/8 [-])
PoE Power Budget	90 W (DC 12 V Input) 180 W (DC 24 V Input) 240 W (DC 48 V Input)
Power Consumption	Idle: <4.5W
MAC Address Table	2K
Packet Length	16 KB
Switching Capacity	12 Gbps
LED Indicators	
PWR	Power
PoE	Power over Ethernet
L/A	Link/Activity
Environment	
Operating Temperature	-40°C to 75°C (-40°F to 167°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Relative Humidity	0–95%, non-condensing

## Interface

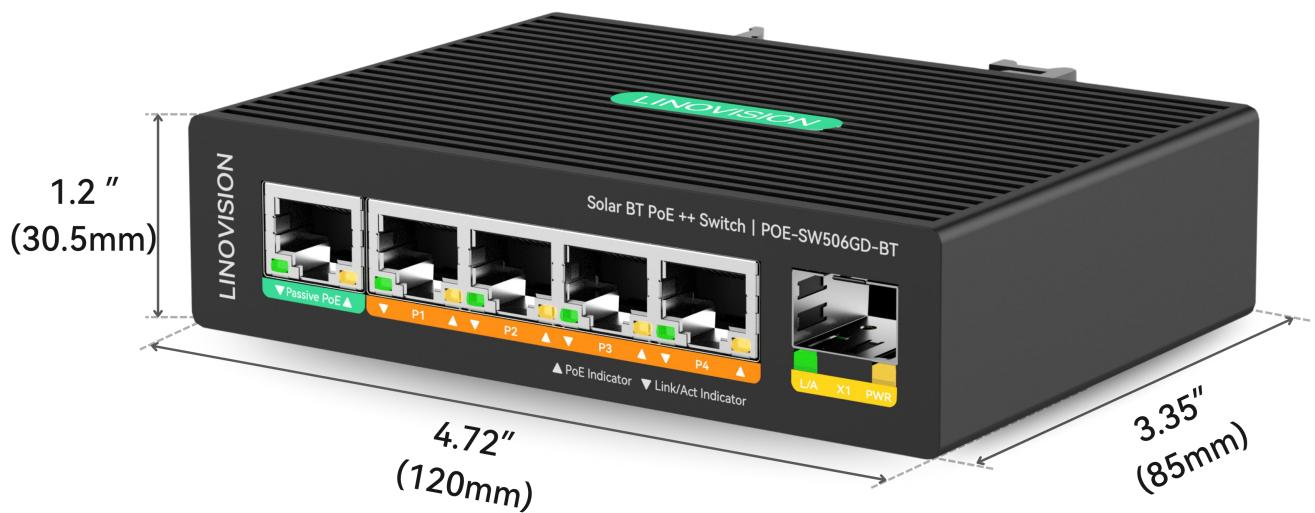
### Front View



### Left View

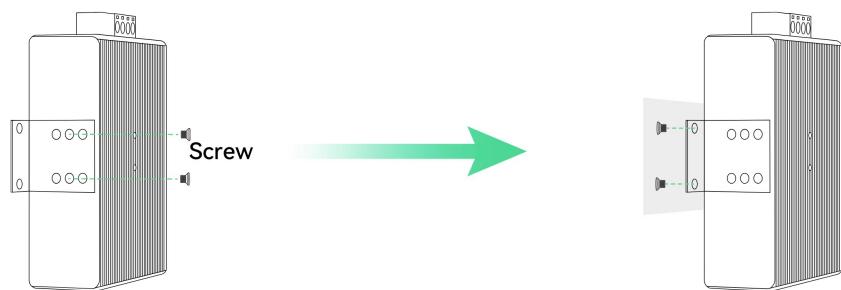
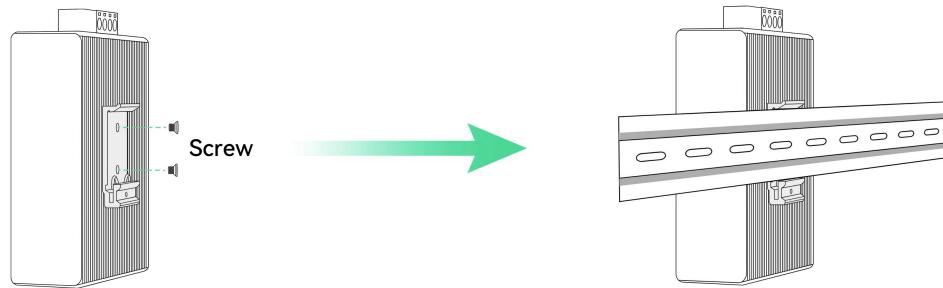
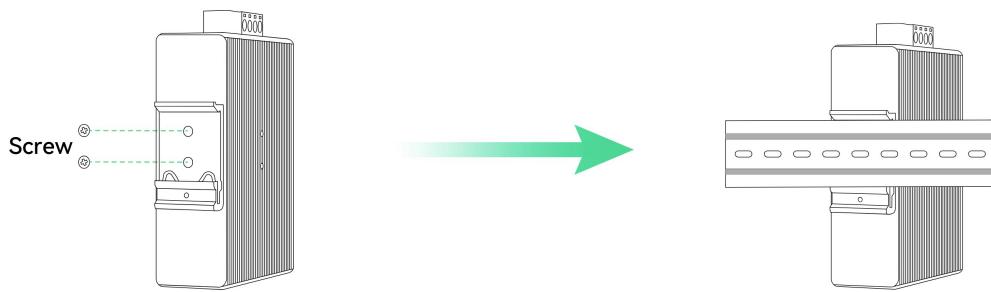


## Dimension



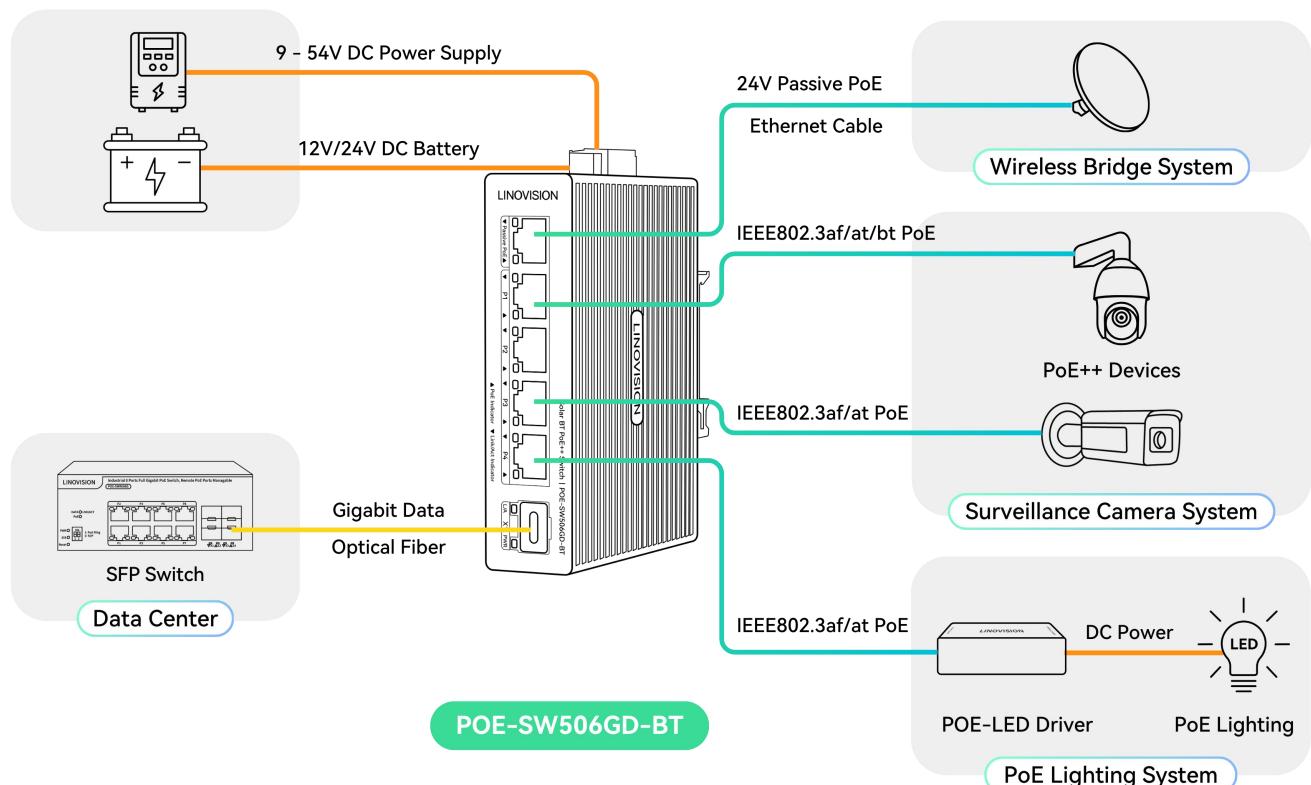
Weight: 396g (0.873 lb)

## Installation

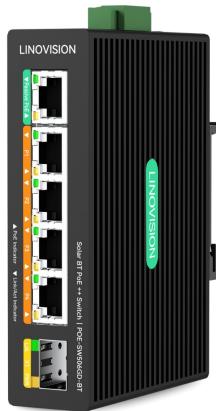


DIN-rail Installation & Wall Mounting

## Connection Diagram



## Package Contents



POE-SW506GD-BT



DIN-Rail Mounting Accessory



Wall Mounting Accessory



Quick Guide

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