LINOVISION

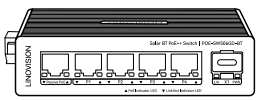
Industrial 4-Port Gigabit BT PoE++ Switch
POE-SW506GD-BT
Quick Guide (V1.0/2025-09-16)

Quick Guide

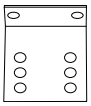
Overview

POE-SW506GD-BT is a compact Gigabit PoE switch with 4× IEEE802.3bt PoE ports, 1× Passive 24 V PoE port, and 1× Gigabit SFP uplink. Designed for solar, vehicle, and industrial networks, it delivers up to 240 W PoE power with flexible DC input.

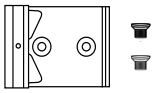
Package Contents



POE-SW506GD-BT



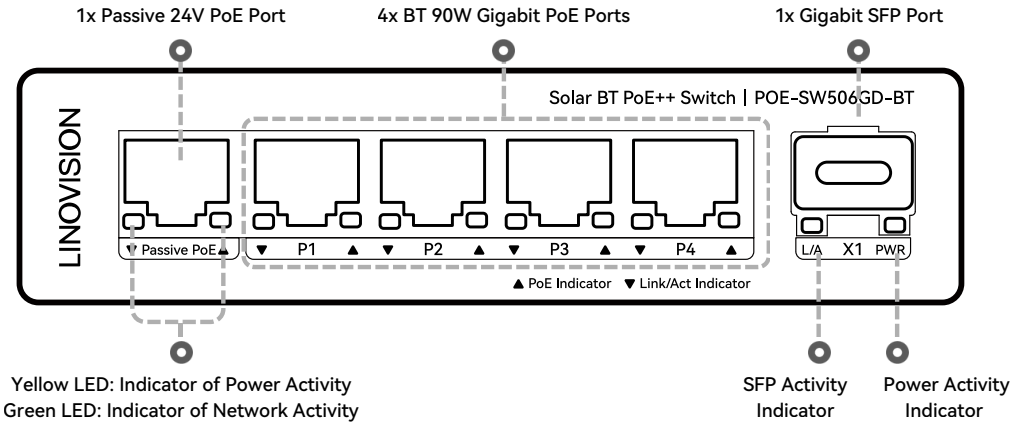
Wall Mounting Accessory

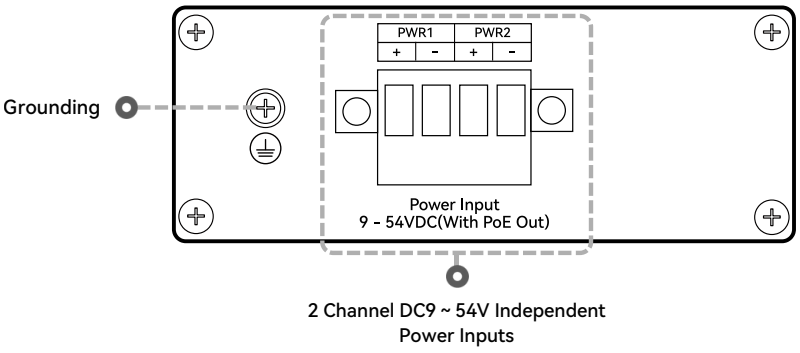


DIN-Rail Mounting Accessory

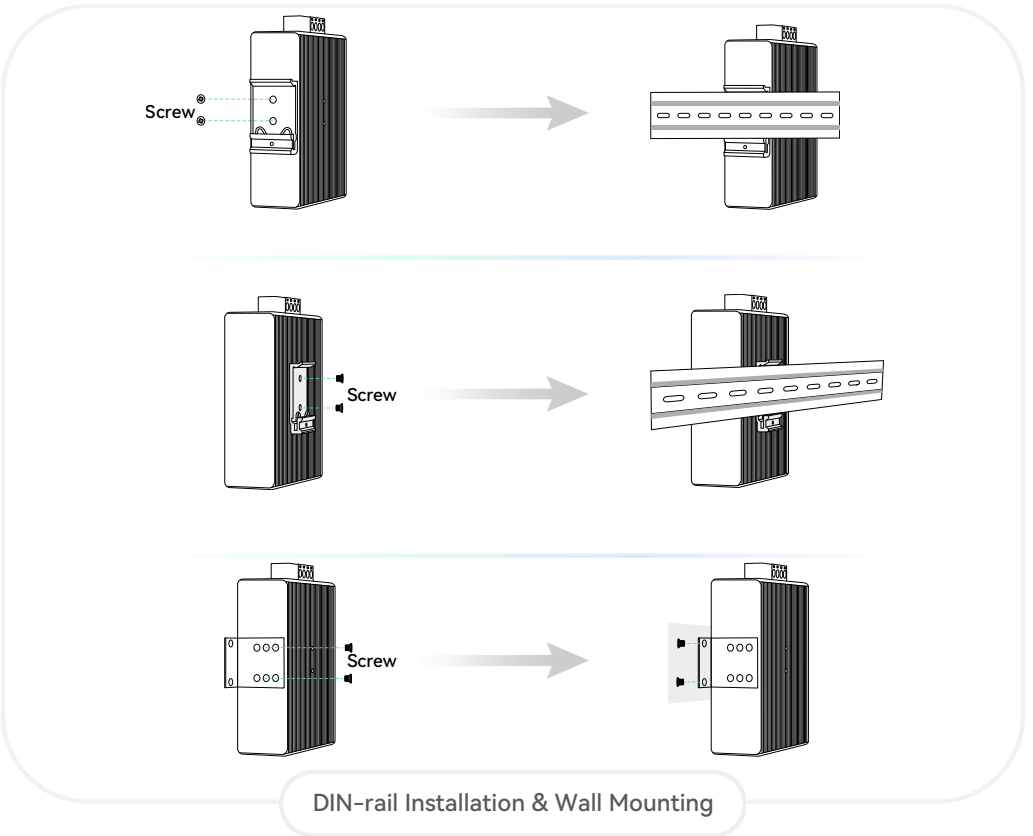
Quick Guide

Interface

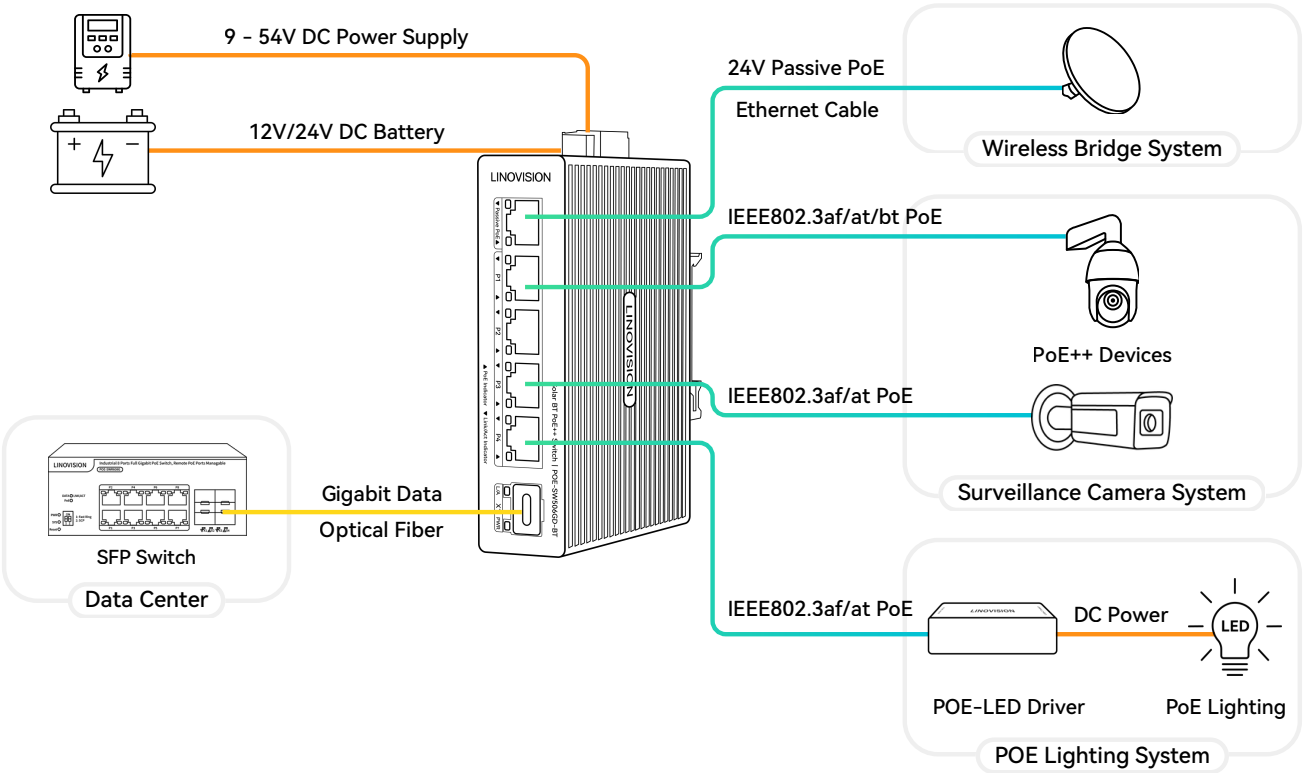




Installation



Connection Diagram



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