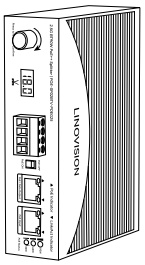
LINOVISION

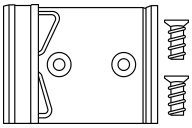
# 2.5G Industrial IEEE 802.3bt 90W PoE++ Splitter
# POE-SP02BTV-POEG25
# Quick Guide (V1.0/2026-11-6)

Quick Guide

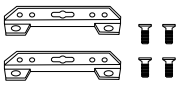
# Package Contents



POE-SP02BTV-POEG25



DIN-Rail Mounting Accessory



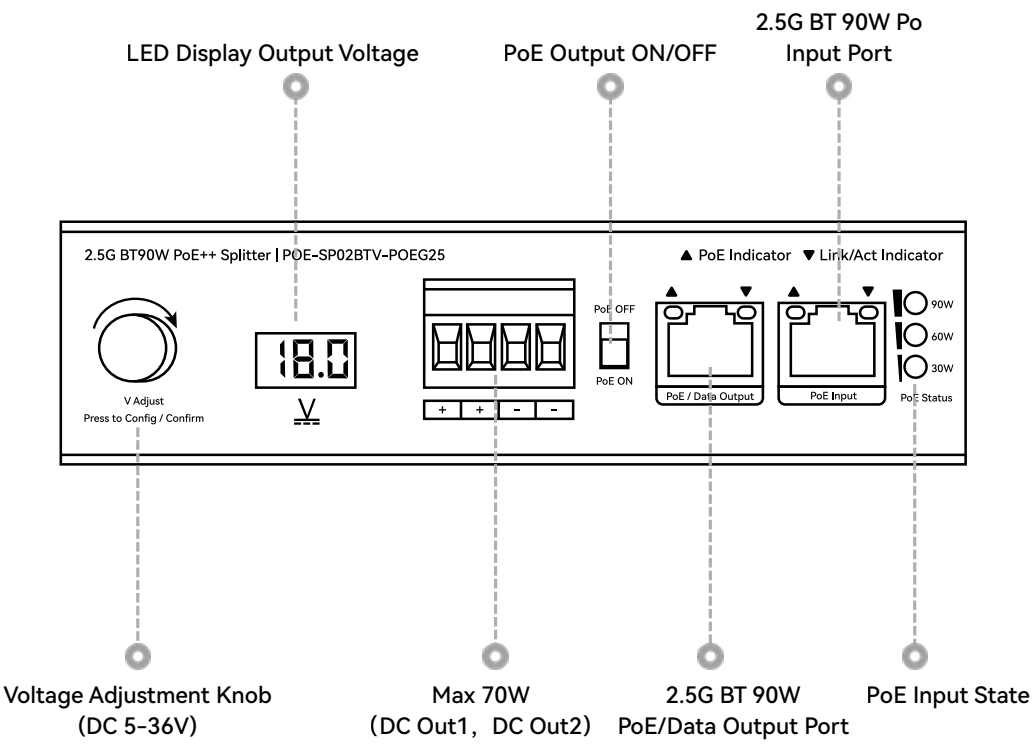
Wall Mounting Accessory




Quick Guide

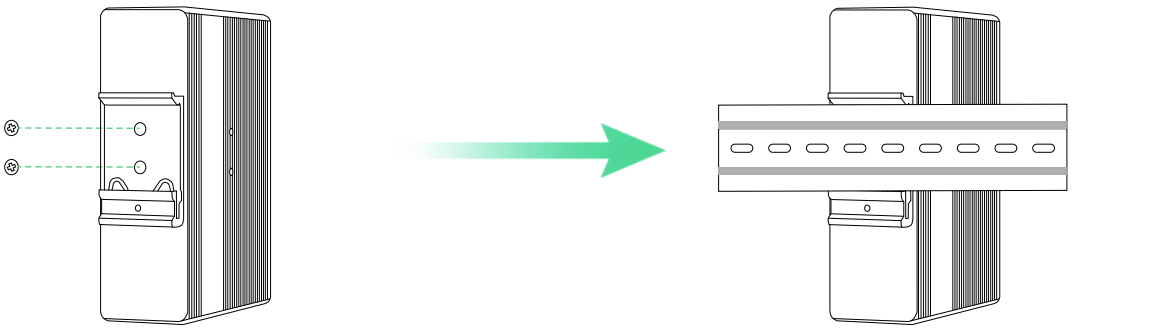
# Interface

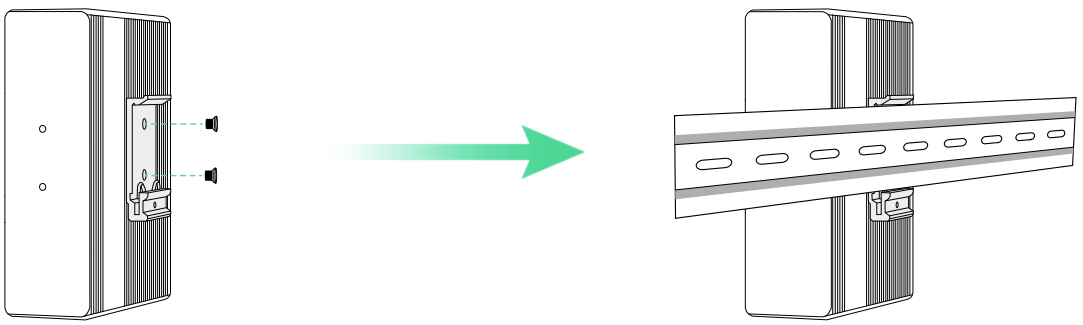
## Front View



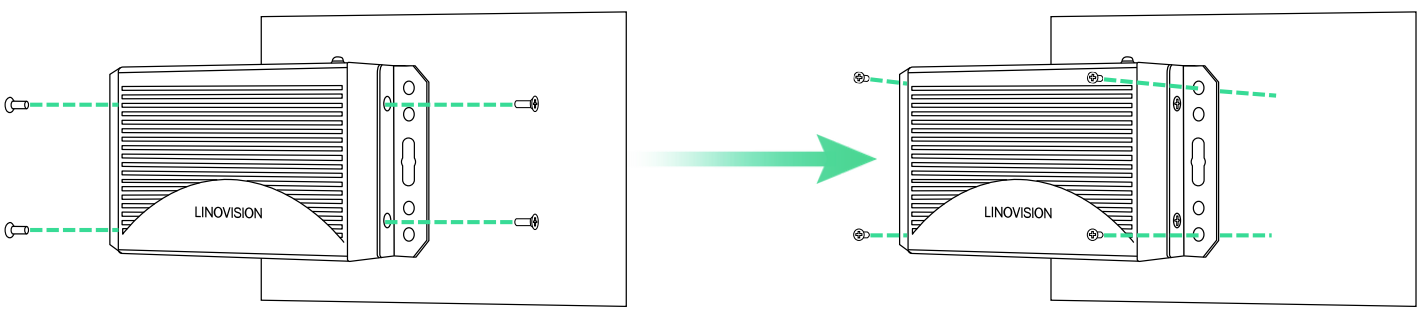

Note: Press the voltage adjustment knob to unlock, then rotate it to adjust the output voltage. Press again to confirm and lock the setting.

# Installation



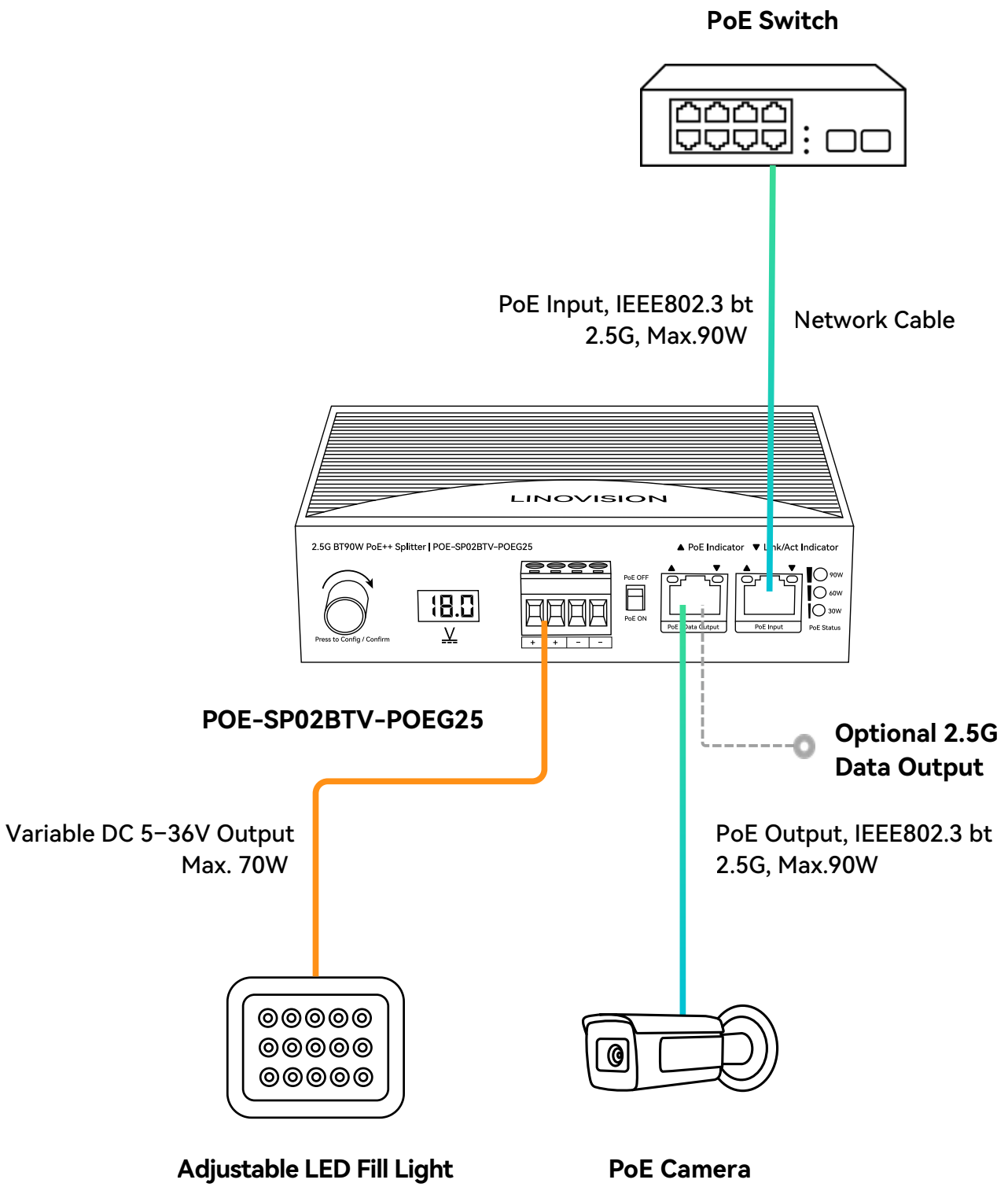


DIN-Rail Mounting




Wall Mounting

# Connection Diagram



# Specifications

| Model | POE-SP02BTV-POEG25 |
| --- | --- |
| Ports | 1 × 10/100/1000/2500Mbps RJ45 PoE Port (PoE Input)<br>1 × 10/100/1000/2500Mbps RJ45 Port (Switchable PoE/Data Output)<br>1 × DC Output Port |
| Network Media | 10Mbps: Cat 3,4,5 Unshielded Cable<br>100Mbps: Cat 5,5E Unshielded Cable<br>1000Mbps: Cat 5E, 6 Unshielded Cable<br>2500Mbps: Cat 5E, 6 Unshielded Cable |
| Pass Through Data Rates | 10/100/1000/2500 Mbps |
| POE Output Pin Assignment | 1/2（+）3/6（-）；4/5（+）7/8（-） |
| Power Output | Total Output Power: 70W Max. (PoE Output Priority)<br>PoE Output: IEEE 802.3bt<br>DC Output: Adjustable 5–36V DC (5–7V: 10A Max.; 8–36V: 70W Max.) |
| Input Power Requirements | PoE Input Voltage: 44 to 57V DC |
| Indicators | PoE Input Indicators / DC out Voltage LED Display |
| Connectors | Shielded RJ-45, EIA 568A and 568B |
| Dimensions (W × D × H) | 138 × 94.25 × 38 mm (5.43 × 3.71 × 1.50 in) |
| Weight | 536 g (1.18 lb) |
| Environmental Conditions | Operating Ambient Temperature: -40°F to 167°F (-40 to 75°C)<br>Operating Humidity: Maximum 90%, Non-condensing<br>Storage Temperature: -40°F to 167°F (-40 to 75°C)<br>Storage Humidity: Maximum 95%, Non-condensing |
| Regulatory Compliance | IEEE 802.3af (PoE)<br>IEEE 802.3at (PoE)<br>IEEE 802.3bt (PoE)<br>IEEE 802.3 (Ethernet)<br>IEEE 802.3u (Fast Ethernet)<br>IEEE 802.3ab (Gigabit Ethernet) |