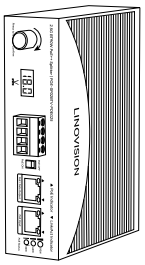
LINOVISION

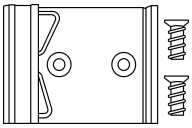
2.5G Industrial IEEE 802.3bt 90W PoE++ Splitter
POE-SP02BTV-POEG25
Quick Guide (V1.1/2026-11-18)

Quick Guide

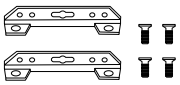
Package Contents



POE-SP02BTV-POEG25



DIN-Rail Mounting Accessory



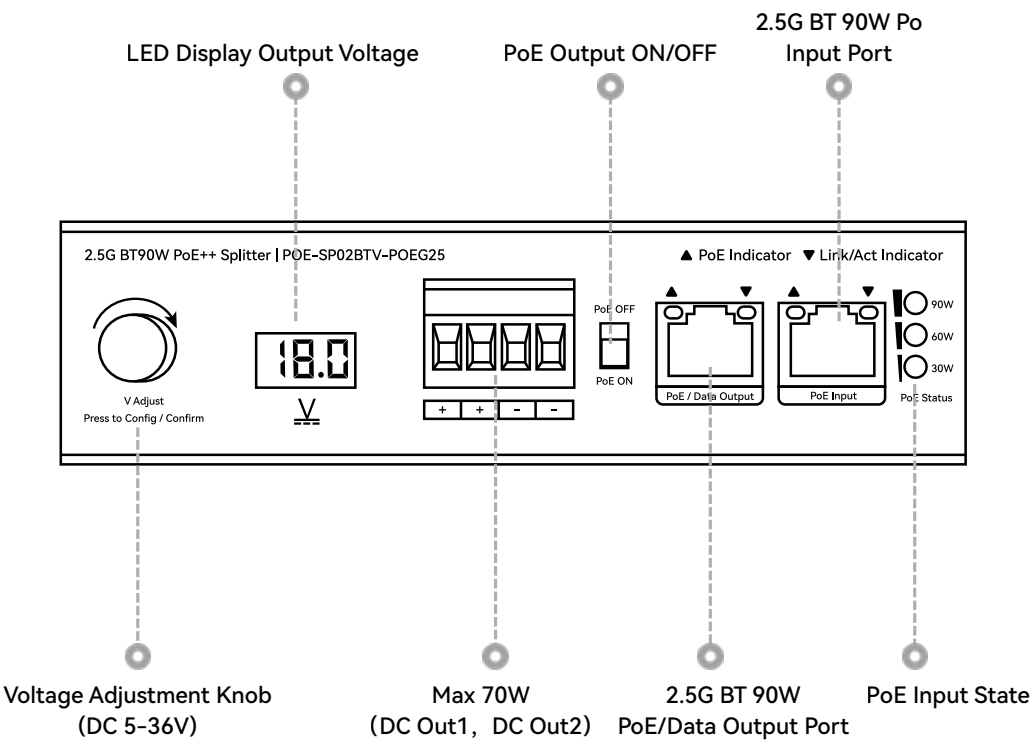
Wall Mounting Accessory



Quick Guide

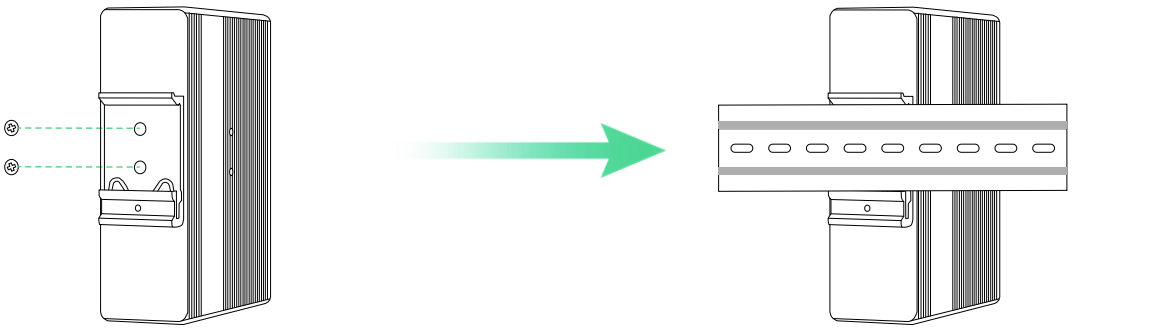
Interface

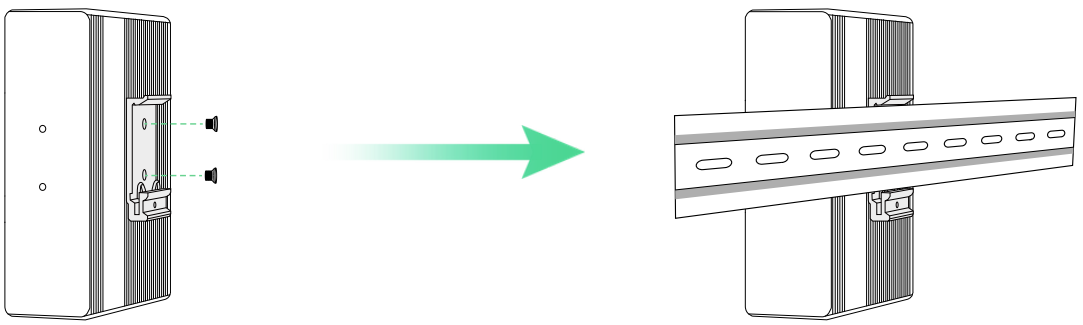
Front View



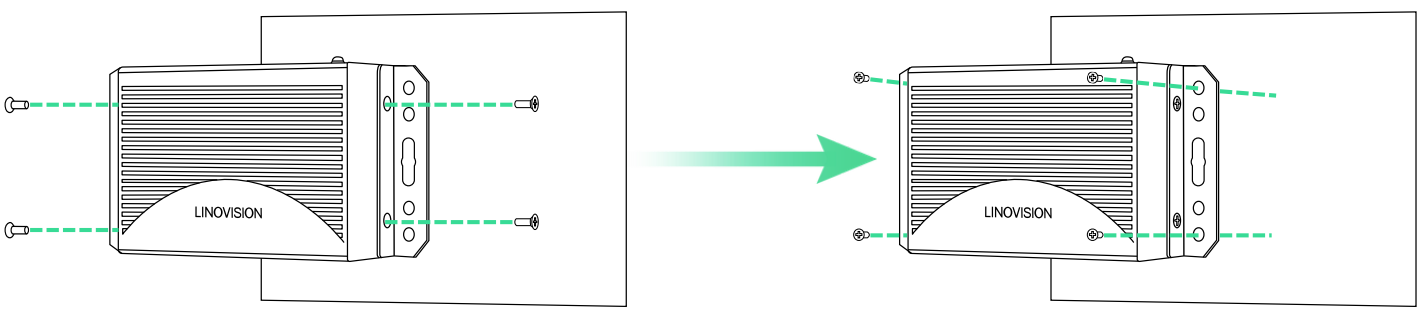
Note: Press the voltage adjustment knob to unlock, then rotate it to adjust the output voltage. Press again to confirm and lock the setting.

Installation



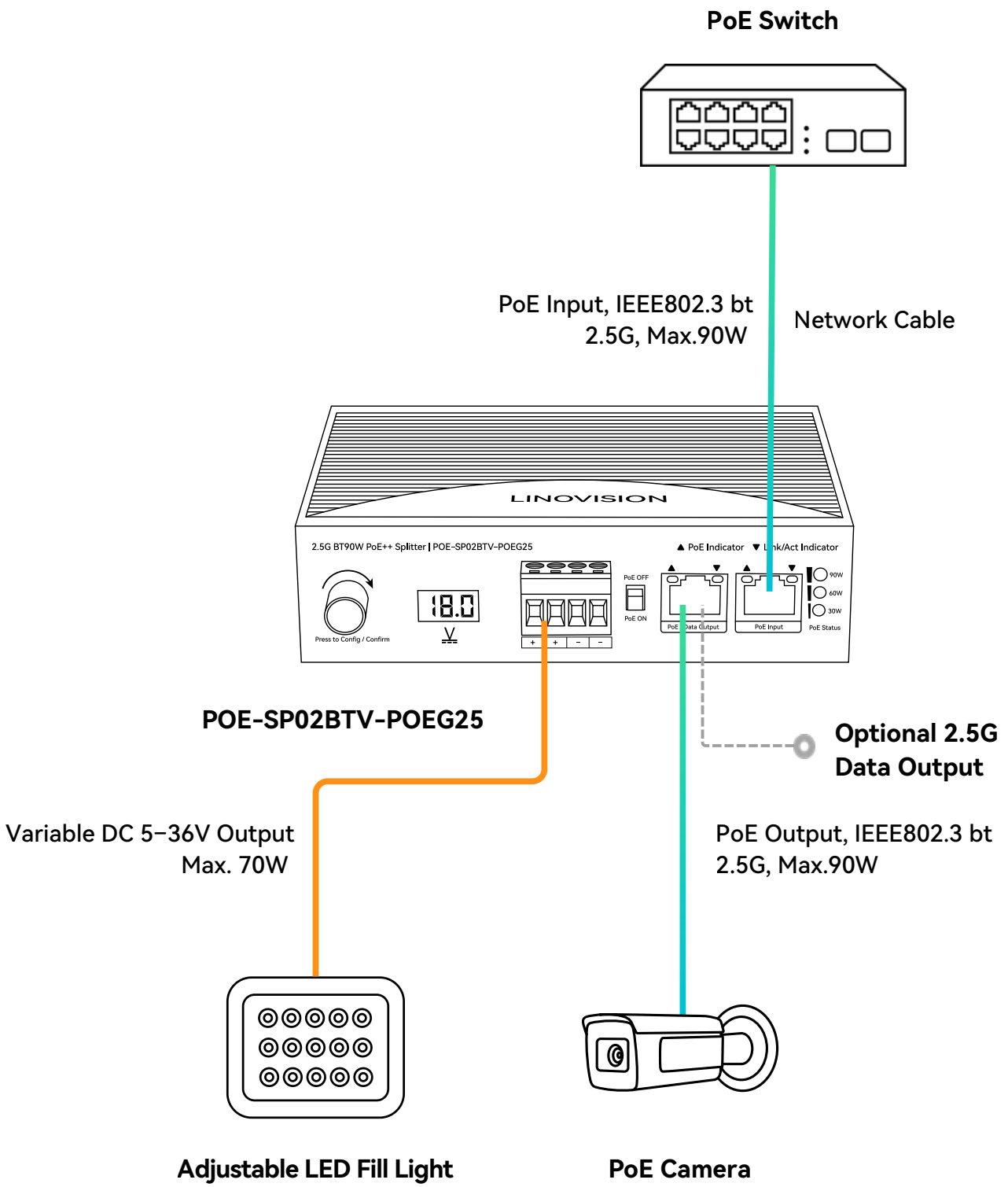


DIN-Rail Mounting



Wall Mounting

Connection Diagram



Specifications

Model	POE-SP02BTV-POEG25
Ports	1 × 10/100/1000/2500Mbps RJ45 PoE Port (PoE Input) 1 × 10/100/1000/2500Mbps RJ45 Port (Switchable PoE/Data Output) 1 × DC Output Port
Network Media	10Mbps: Cat 3,4,5 Unshielded Cable 100Mbps: Cat 5,5E Unshielded Cable 1000Mbps: Cat 5E, 6 Unshielded Cable 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) PoE Output: IEEE 802.3bt 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)	142 × 102 × 38 mm (5.59 × 4.01 × 1.50 in)
Weight	536 g (1.18 lb)
Environmental Conditions	Operating Ambient Temperature: -40°F to 167°F (-40 to 75°C) Operating Humidity: Maximum 90%, Non-condensing Storage Temperature: -40°F to 167°F (-40 to 75°C) Storage Humidity: Maximum 95%, Non-condensing
Regulatory Compliance	IEEE 802.3af (PoE) IEEE 802.3at (PoE) IEEE 802.3bt (PoE) IEEE 802.3 (Ethernet) IEEE 802.3u (Fast Ethernet) IEEE 802.3ab (Gigabit Ethernet)