

LINOVISION

Gigabit 90W IEEE 802.3BT PoE Injector

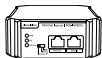
POE-IN9001U

Quick Guide (V1.0/2025-9-28)



Quick Guide

Package Contents



POE-IN9001U



Power Cord

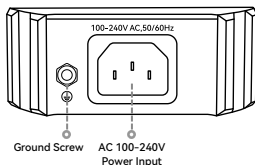
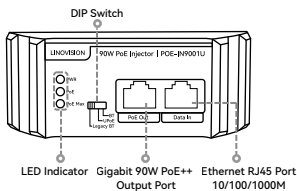


Screw Hole Stickers

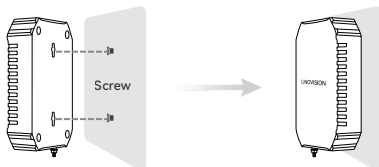


Quick Guide

Interface

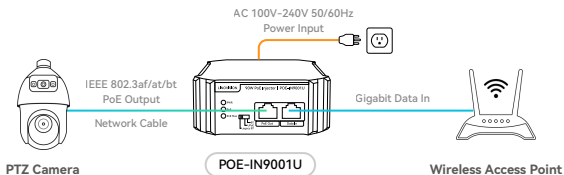


Installation



Wall-mounting Installation

Connection Diagram



LED Indicator

LED	Color	Function
PWR	Green	On = Power on Off = No power
PoE	Green	On = PoE device powered Blink = Abnormal Off = No device
PoE MAX	Green	When the output power reaches 80%, the PoE MAX indicator is green on

Power Modes

- **BT Mode** – Fully compliant with IEEE 802.3bt. The maximum output power (up to 90 W) is determined by the PD's class value.
- **Legacy Mode** – Supports non-standard PDs with resistor or capacitor detection, offering wider compatibility for older devices.
- **UPoE Mode** – Delivers up to 90 W power regardless of PD class value, supporting both standard IEEE 802.3af/at/bt and UPoE devices.

Specification

Hardware	
Dimensions (W*H*D)	6.77×3.94×1.57" (172×100×40mm)
Input Power Supply	100 to 240V AC, 50/60Hz
100 to 240V AC, 50/60Hz	0.981lb (445g)
Installation	Wall-mounted Installation
Interfaces	
Connector	1* 10/100/1000Mbps PoE++ RJ45 Port, PoE out
	1* 10/100/1000Mbps RJ45 Port, Data in
PoE	
PoE Standard	IEEE 802.3af/at/bt
PoE Power Mode	Mode A (Pin 1/2: - ; Pin 3/6: +); Mode B (Pin 4/5: + ; Pin 7/8: -)
PoE Power Output	Max.90W (PoE Port)
Environment	
Operating Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	-40°F to 158°F (-40°C to 70°C)
Operating Humidity	10% to 90% non-condensing
Storage Humidity	85% to 90% non-condensing
MTBF	>50,000 hrs
ESD Protection	Contact: ±6KV; Air: ±8KV