Installation Guide

TL-POE150S (PoE Injector)
TL-POE10R (PoE Splitter)

For technical support and other information, please visit
http://www.tp-link.com/support, or simply scan the QR code

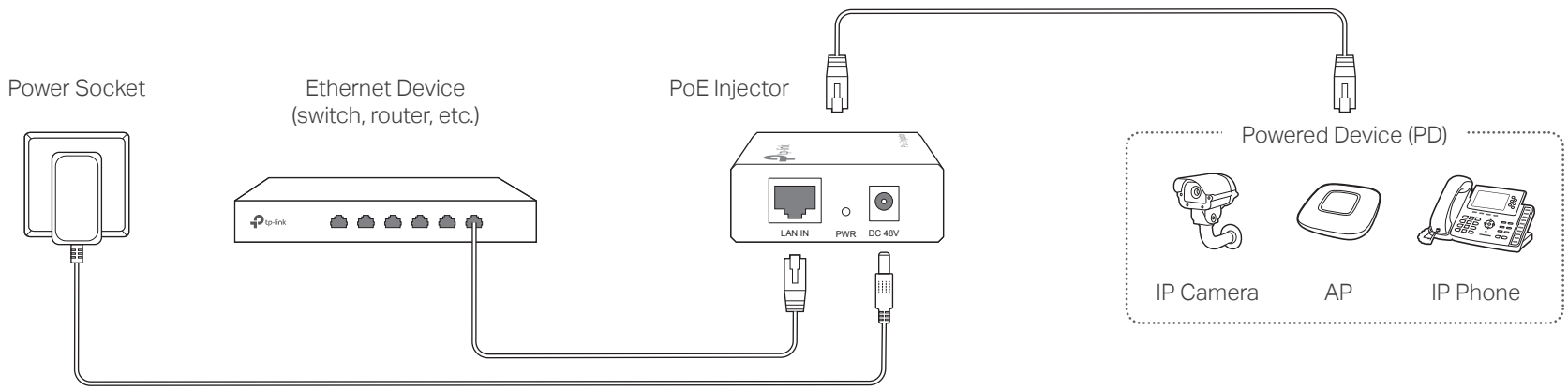
7106506857 REV5.0.0

Some models featured in this guide may be unavailable in your country or region. For local sales information, visit http://www.tp-link.com.

Package Contents: PoE Injector or Splitter, Ethernet Cable, Installation Guide, Power Adapter (for PoE Injector) or Power Cable (for PoE Splitter)

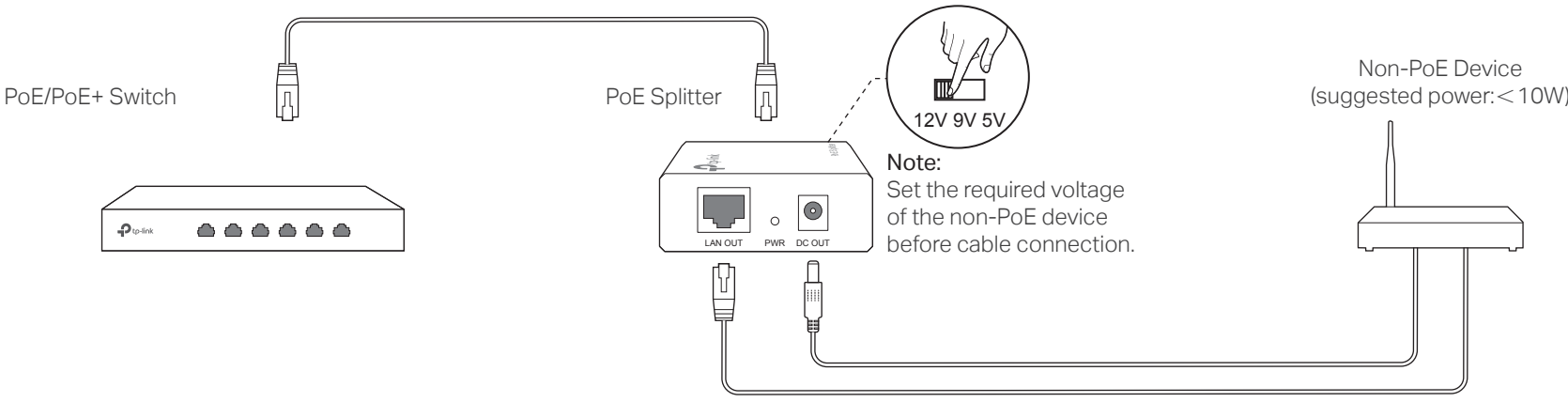
PoE Injector Only

The PoE Injector supplies steady power and data connectivity to a powered device such as PoE IP Camera, PoE AP and PoE IP Phone through an Ethernet cable.



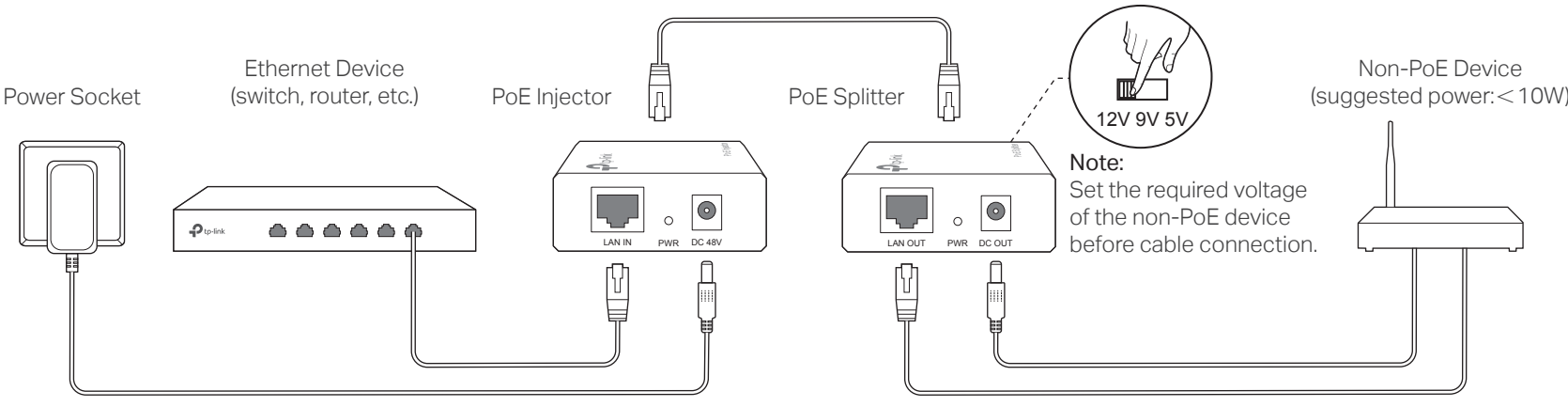
PoE Splitter Only

The PoE Splitter can be used with a PoE/PoE+ switch to deliver direct current (DC) power and data to a Non-PoE device.



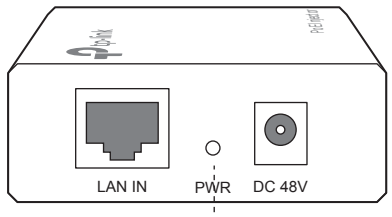
PoE Injector & Splitter

The PoE injector and PoE splitter can be used as a kit to supply power and transmit data to a Non-PoE device.



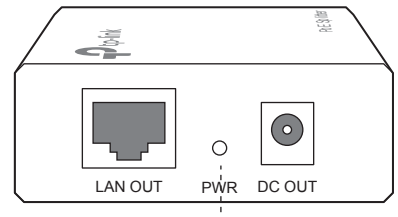
Power LED Explanation

PoE Injector:



On: Supplying power normally
Flashing: No PD is connected/Supplying power abnormally
Off: No power supply

PoE Splitter:



On: Connected to PSE correctly
Off: No PSE is connected

Specifications

General Specifications

Standards	IEEE 802.3i, IEEE802.3u, IEEE 802.3ab, IEEE 802.3af
LED	PWR
Cable Type	UTP/STP of Cat. 5 or above (based on the standards that the connected devices comply with)
Ports	PoE Injector: • 10/100/1000Mbps Auto-Negotiation RJ45 **LAN IN** port • 10/100/1000Mbps Auto-Negotiation RJ45 **POWER+DATA OUT** port • **DC 48V** Power Input port PoE Splitter: • 10/100/1000Mbps Auto-Negotiation RJ45 **POWER+DATA IN** port • 10/100/1000Mbps Auto-Negotiation RJ45 **LAN OUT** port • 5V/9V/12V **DC OUT** Power Output port

Environmental and Physical Specifications

Operationg Temperature	0˚C to 40˚C (32˚F to 104˚F)
Storage Temperature	-40˚C to 70˚C (-40˚F to 158˚F)
Operationg Humidity	10% to 90% non-condensing
Storage Humidity	5% to 90% non-condensing

FAQ

Q1. Can the PoE Injector supply power to a PoE device which doesn't have a gigabit PoE port?

A: Yes. Both LAN and PoE ports comply with IEEE 802.3, IEEE 802.3u and IEEE 802.3ab standards and support 10/100/1000Mbps Auto-Negotiation.

Q2. What can I do if my PoE Injector doesn't supply power to the powered device or the supplied power is unstable?

A1: Ensure the PD is PoE-compliant and its connecting port supports the PoE function.

A2: Ensure the power consumption of the PD doesn't exceed 15.4W, otherwise the overload protection of the PoE Injector will be activated. The PoE Injector complies with IEEE 802.3af standard and supports 15.4W to a PD, while the quality and length of the Ethernet cable may influence the reception of the power supply.

Q3. Must I use the PoE Injector together with the PoE Splitter?

A: No. The PoE Injector can supply power to all PDs compliant with IEEE 802.3af standard. The PoE Splitter is used with a PoE switch or the PoE Injector to supply power to a non-PoE device.

FCC STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/ TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1) This device may not cause harmful interference.
2) This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Use only power supplies which are provided by manufacturer and in the original packing of this product. If you have any questions, please don't hesitate to contact us.

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/30/EU, 2014/35/EU, 2009/125/EC and 2011/65/EU.
The original EU declaration of conformity may be found at http://www.tp-link.com/en/ce.

Продукт сертифіковано згідно с правилами системи УкрСЕПРО на відповідність вимогам нормативних документів та вимогам, що передбачені чинними законодавчими актами України.

SAFETY NOTICES

⚠ Cautions

Do not use this product near water, for example, in a wet basement or near a swimming pool.
Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.

CE Mark Warning

This is a class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

Explanation of the symbols on the product label

⎓	DC voltage
	RECYCLING This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment
	Indoor use only

Industry Canada Statement

CAN ICES-3 (B)/NMB-3(B)