

# PoE Injector

MODEL: TL-POE150S Datasheet

## Features

- Complies with IEEE802.3af standard
- Cost saving, no power cabling for Ethernet network device
- Delivers power and data over the single cable up to 100 meters
- Advanced Auto-Sensing Algorithm enables providing power with 802.3af PD
- Supports power classification, Auto-determine the necessary power requirements
- High safety with Short Circuit Protection
- Plug & Play installation, requires no configuration
- External 48VDC power supply



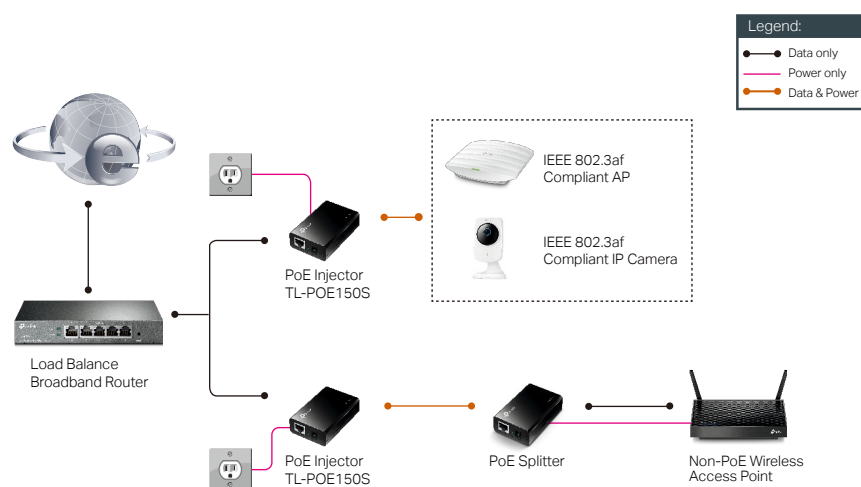
## Overview

The PoE Injector TL-POE150S fully complies with IEEE 802.3af standard, and can work with all IEEE 802.3af PoE compliant PDs (Powered Devices) or PoE Receiver Adapters, such as TP-Link's TL-POE10R, or other equivalent product, to expand your network to where there are no power line or outlet, where you wish to fix device such as AP, IP Camera or IP Phone, etc.

# Specifications

|                          |                                                                                                                                                                                                                                                   |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Picture          |                                                                                                                                                                  |
| Model                    | TL-POE150S                                                                                                                                                                                                                                        |
| Standards                | IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3af                                                                                                                                                                                                   |
| Ports                    | 1 10/100/1000Mbps Auto-Negotiation RJ45 LAN port(LAN IN)<br>1 10/100/1000Mbps Auto-Negotiation RJ45 PoE port(POWER+DATA OUT)<br>1 power socket(DC IN)                                                                                             |
| Network Media            | 10BASE-T: UTP category 3, 4, 5 cable (maximum 100m)<br>EIA/TIA-568 100Ω STP (maximum 100m)<br>100BASE-TX: UTP category 5, 5e cable (maximum 100m)<br>EIA/TIA-568 100Ω STP (maximum 100m)<br>1000BASE-T: UTP category 5, 5e, 6 cable(maximum 100m) |
| Basic Function           | Auto-Sensing Algorithm enables providing power with 802.3af PD<br>Delivers power and data over the single cable up to 100 meters<br>Auto-determine the necessary power requirements<br>Plug-and-Play                                              |
| Power                    | Input: External 48VDC power adapter<br>Output: Auto-determine the necessary Power requirements(max. 15.4W)                                                                                                                                        |
| LED Indicator            | ON: Supplying power normally<br>Flashing: NO PD connected/Supplying power abnormally<br>Off: No power supply                                                                                                                                      |
| Dimensions ( W x D x H ) | 80.8 x 54 x 24mm                                                                                                                                                                                                                                  |
| Certification            | FCC, CE, RoHS                                                                                                                                                                                                                                     |
| Package Contents         | TL-POE150S, Power Adapter, RJ45 cable, Installation Guide                                                                                                                                                                                         |
| Environment              | Operating Temperature: 0°C~40°C (32°F~104°F)<br>Storage Temperature: -40°C~70°C (-40°F~158°F)<br>Operating Humidity: 10%~90%RH non-condensing<br>Storage Humidity: 5%~90%RH non-condensing                                                        |

# Diagram



## Package:

- TL-POE150S PoE Injector
- One Ethernet (CAT.5 UTP) Cable
- One Power Adapter
- User Guide

## Related Products:

- Load Balance Broadband Router  
TL-R470T+
- AC750 Wireless Gigabit Access Point  
AP200
- PoE Splitter  
TL-POE10R

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