tp-link

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
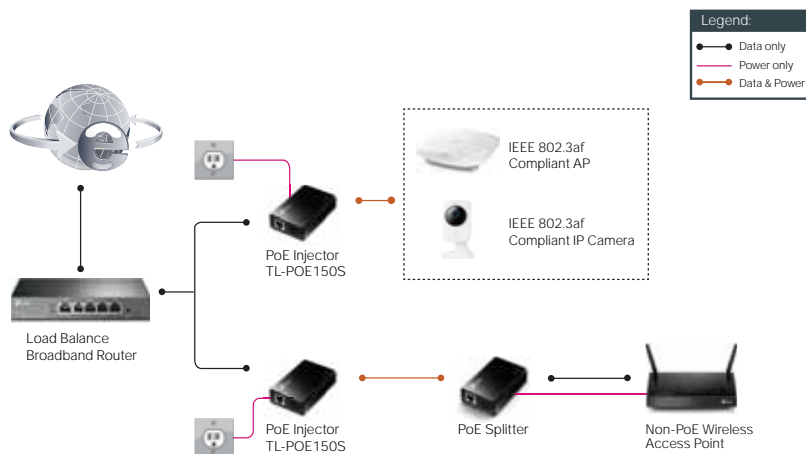
- External 48VDC power supply

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) 1 10/100/1000Mbps Auto-Negotiation RJ45 PoE port(POWER+DATA OUT) 1 power socket(DC IN)
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 100BASE-TX: UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 1000BASE-T: UTP category 5, 5e, 6 cable(maximum 100m)
Basic Function	Auto-Sensing Algorithm enables providing power with 802.3af PD Delivers power and data over the single cable up to 100 meters Auto-determine the necessary power requirements Plug-and-Play
Power	Input: External 48VDC power adapter Output: Auto-determine the necessary Power requirements(max. 15.4W)
LED Indicator	ON: Supplying power normally Flashing: NO PD connected/Supplying power abnormally 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) Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10%~90%RH non-condensing Storage Humidity: 5%~90%RH non-condensing

Diagram

Legend:
- ●—● Data only
- ●—● Power only
- ●—● Data & Power

IEEE 802.3af Compliant AP

IEEE 802.3af Compliant IP Camera

PoE Injector TL-POE150S

Load Balance Broadband Router

PoE Injector TL-POE150S

PoE Splitter

Non-PoE Wireless Access Point

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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