Omada
by tp-link

PoE Injector

Datasheet
POE150S
Omada PoE Injector

Highlights

- 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 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 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.

Product Pictures

Specifications

Hardware Features & Performance		
Model	POE150S	
General	Standards	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3af
	LED	PWR
	Ports	10/100/1000Mbps Auto-Negotiation RJ45 LAN port (LAN IN) 10/100/1000Mbps Auto-Negotiation RJ45 PoE port (POWER + DATA OUT) DC 48 V Power Input Port
	Cable Type	10BASE-T: UTP category 3, 4, 5 cable (max. 100m) EIA/TIA-568 100Ω STP (max. 100m) 100BASE-TX: UTP category 5, 5e cable (max. 100m) EIA/TIA-568 100Ω STP (max. 100m) 1000BASE-T: UTP category 5, 5e, 6 cable (max. 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-determines the necessary power requirements Plug-and-Play
	Power	Input: External 48VDC power adapter Output: Auto-determines the necessary Power requirements (max. 15.4W)
	Dimensions (W×D×H)	3.18×2.13×0.94in (80.8×54×24mm)
	Certifications	FCC, CE, RoHS
Physical & Environment	Operating Temperature	-10°C~50°C (14°F~122°F)
	Storage Temperature	-40°C~70°C (-40°F~158°F)
	Operating Humidity	10% to 90% RH non-condensing
	Storage Humidity	5% to 90% RH non-condensing