

Installation Guide

PoE Injector

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Note:

For simplicity, we will take POE160S for example in this Guide.

LED Explanation

For POE160S/POE260S

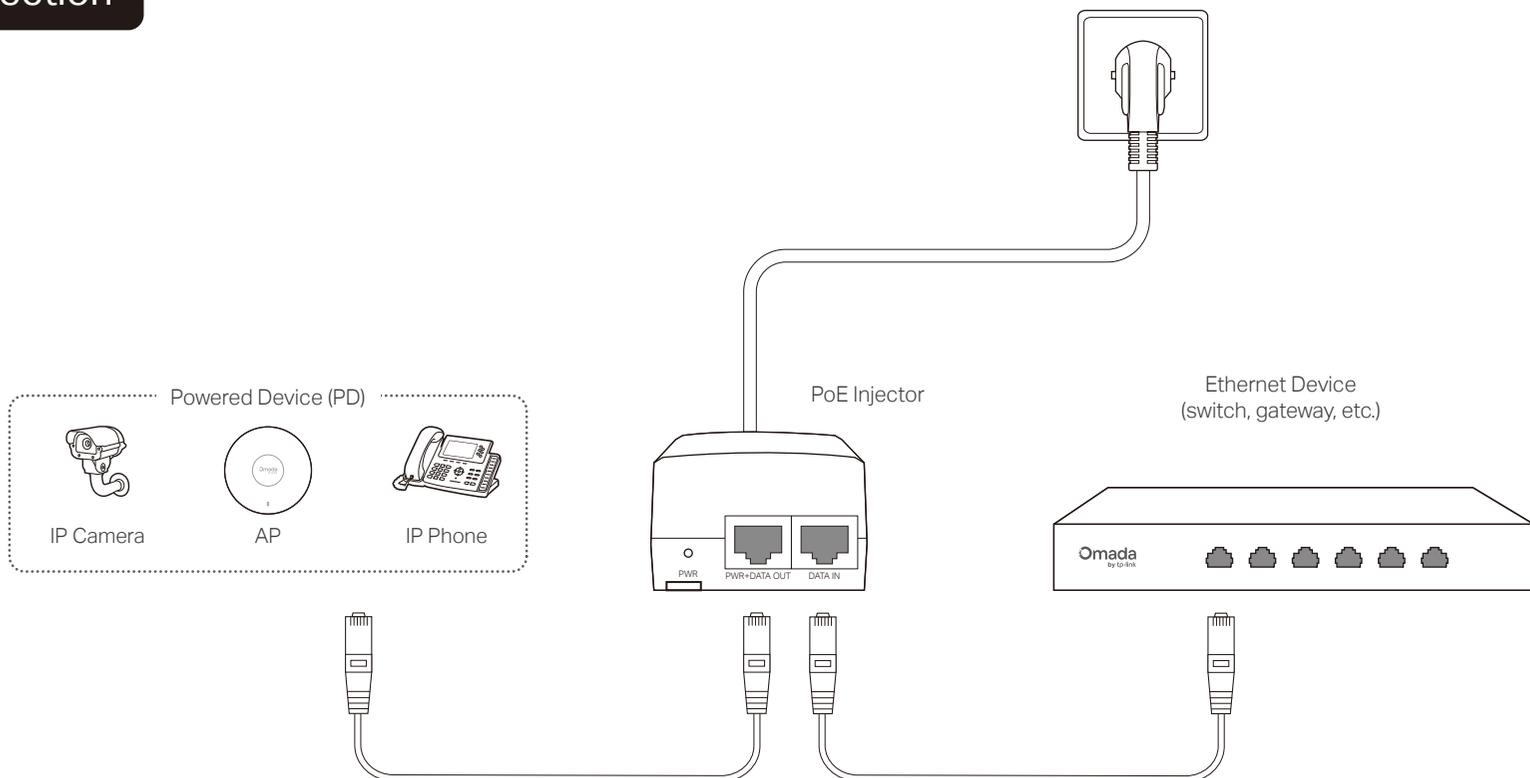
PWR
Off: Power off
Steady Yellow: Power on, no PoE power supply
Steady Green: Power on, normal PoE power supply
Flashing Green: Abnormal PoE power supply

For POE170S/POE370S/POE380S

PWR
On: Power on
Off: Power off

PoE
On: Normal PoE power supply
Off: No powered device connected
Flashing: Abnormal PoE power supply

Connection



Note:

1. 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.
2. For POE170S/POE370S/POE380S, plug the product into the wall outlets with earthing connection through the power supply cord.

Specifications

General Specifications

Standards	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at IEEE 802.3bt (Only for POE170S/POE370S/POE380S) IEEE 802.3bz (Only for POE260S/POE370S/POE380S) IEEE 802.3an (Only for POE370S/POE380S)
LED	POE160S/POE260S: PWR POE170S/POE370S/POE380S: PWR, PoE
Cable Type	10Base-T/100Base-TX: UTP category 5 cable or above (maximum 100 m) 1000Base-T/2.5GBase-T: UTP category 5e cable or above (maximum 100 m) 5GBase-T: UTP category 5e cable or above (maximum 100 m) 10GBase-T: UTP category 6 cable or above (maximum 50 m) STP category 6a cable or above (maximum 90 m)
Interfaces	POE160S/POE170S: 2 × 10Mbps/100Mbps/1Gbps RJ45 Ports POE260S: 2 × 10Mbps/100Mbps/1Gbps/2.5Gbps RJ45 Ports POE370S/POE380S: 2 × 10Mbps/100Mbps/1Gbps/2.5Gbps/5Gbps/10Gbps RJ45 Ports
Maximum Power Supply	POE160S/POE260S: 30 W POE170S/POE370S: 60 W POE380S: 90 W
Dimensions (L×W×H)	POE160S/POE260S: 125×59.4×36.8 mm POE170S/POE370S/POE380S: 154.7×70×42 mm
Wall Mountable	Yes
Distance Between Mounting Holes	POE160S/POE260S: 115.7 mm (Vertical), 37.7 mm (Horizontal) POE170S/POE370S/POE380S: 102 mm (Vertical)

FAQ

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

A: Yes. All RJ45 ports of the PoE injector support 10/100/1000 Mbps.

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 the maximum power supply of the PoE injector, otherwise the overload protection of the PoE injector will be activated. The quality and length of the Ethernet cable may influence the reception of the power supply.

Environmental and Physical Specifications

Operating Temperature	POE160S/POE260S: 0 °C to 40 °C (32 °F to 104 °F) POE170S/POE380S: 0 °C to 45 °C (32 °F to 113 °F) POE370S: -5 °C to 45 °C (23 °F to 113 °F)
Storage Temperature	-40 °C to 70 °C (-40 °F to 158 °F)
Operating Humidity	10% to 90% RH non-condensing
Storage Humidity	5% to 90% RH non-condensing

For technical support, replacement services, user guides, and more, please visit <https://support.omadanetworks.com/>, or simply scan the QR code.



Safety Information

- Keep the device away from water, fire, humidity or hot environments.
- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
- The plug on the power supply cord is used as the disconnect device, the socket-outlet shall be easily accessible.
- Plug the product into the wall outlets with earthing connection through the power supply cord.
- The PoE ports shall not be used to charge lithium batteries or devices supplied by lithium batteries.
- For product coming with an Ethernet cable, use the provided cable only for the non-PoE side and select the cable of appropriate length for the PoE side as required.

Please read and follow the above safety information when operating the device. We cannot guarantee that no accidents or damage will occur due to improper use of the device. Please use this product with care and operate at your own risk.

FCC compliance information statement

Product Name: PoE Injector
Model Number: POE160S/POE170S/POE370S/POE260S/POE380S
Responsible party:
TP-Link Systems Inc.
Address: 10 Mauchly, Irvine, CA 92618
Website: <https://www.tp-link.com/us/>
Tel: +1 626 333 0234
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This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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.

We, TP-Link Systems Inc., has determined that the equipment shown as above has been shown to comply with the applicable technical standards, FCC part 15. There is no unauthorized change is made in the equipment and the equipment is properly maintained and operated.

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Industry Canada Statement
CAN ICES-003 (A)/NMB-003(A)



CE Mark Warning

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

この装置は、クラスA情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

VCCI-A

BSMI Notice

安全諮詢及注意事項

- 請使用原裝電源供應器或只能按照本產品注明的電源類型使用本產品。
- 清潔本產品之前請先拔掉電源線。請勿使用液體、噴霧清潔劑或濕布進行清潔。
- 注意防潮，請勿將水或其他液體潑灑到本產品上。
- 插槽與開口供通風使用，以確保本產品的操作可靠並防止過熱，請勿堵塞或覆蓋開口。
- 請勿將本產品置放於靠近熱源的地方。除非有正常的通風，否則不可放在密閉位置中。
- 請不要私自拆開機殼或自行維修，如產品有故障請與原廠或代理商聯繫。
- 警告：為避免電磁干擾，本產品不應安裝或用於住宅環境。

限用物質含有情況標示聲明書

產品元件名稱	限用物質及其化學符號					
	鉛 Pb	鎘 Cd	汞 Hg	六價鉻 Cr ⁶⁺	多溴聯苯 PBB	多溴二苯醚 PBDE
PCB	○	○	○	○	○	○
外殼	○	○	○	○	○	○
電源線	○	○	○	○	○	○
其他及其配件	○	○	○	○	○	○

備考1: "○" 系指該項限用物質之百分比含量未超出百分比含量基準值。
備考2: "-" 系指該項限用物質為排除項目。

Wall Mounting Requirements (for POE170S/POE370S/POE380S)

To mount the device on a wall, use 2 screws which complies with ANSI B1.1 4#, (5#), 6# standard and are more than 7 mm in length. When the screws are fixed on the wall, the distance between the screw head and the wall should be no more than 1.5 mm.

Explanation of the symbols on the product label

產品標籤上符號的解釋

Note: The product label can be found at the bottom of the product. Symbols may vary from products.

注意：產品標籤可在產品底部找到。符號可能因產品而異。

Symbol 符號	Explanation 說明
	Class II equipment II類設備
	Class II equipment with functional earthing 具有功能接地的II類設備
	Alternating current 交流
	Direct current 直流
	Polarity of d.c. power connector 輸出端點的極性
	For indoor use only 僅供室內使用
	Dangerous voltage 危險電壓
	Caution, risk of electric shock 請注意，有觸電的危險
	Energy efficiency Marking 能源效率標誌
	Protective earth 保護接地
	Earth 接地
	Frame or chassis 功能接地
	Functional earthing 功能接地
	Caution, hot surface 請注意，表面過熱
	Caution 警告
	Operator's manual 操作手冊
	Stand-by 待機
	"ON"/"OFF" (push-push) "開啟"/"關閉" (按壓式)
	Fuse 保險絲
	Fuse is used in neutral N 保險絲用於中性線 N
	RECYCLING 回收 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. 這個產品帶有歐盟指令 2012/19/EU 中關於廢棄電氣電子設備 (WEEE) 的選擇性分類標誌。這意味著，該產品必須按照該指令處理，以便進行回收或拆解，從而最大限度地減少對環境的影響。 用戶可以選擇將產品交給有資格的回收機構，或在購買新的電器或電子設備時將其交給零售商進行回收。
	Caution, avoid listening at high volume levels for long periods 請小心，避免長時間以高音量收聽。
	Disconnection, all power plugs 斷線，所有電源插頭
	Switch of mini-gap construction 迷你間隙結構開關
	Switch of micro-gap construction (for US version) Switch of micro-gap / micro-disconnection construction (for other versions except US) 小間隙結構開關 (US 版本) 小間隙 / 小斷開結構的開關 (非 US 版)
	Switch without contact gap (Semiconductor switching device) 無接觸間隙的開關 (半導體開關設備)