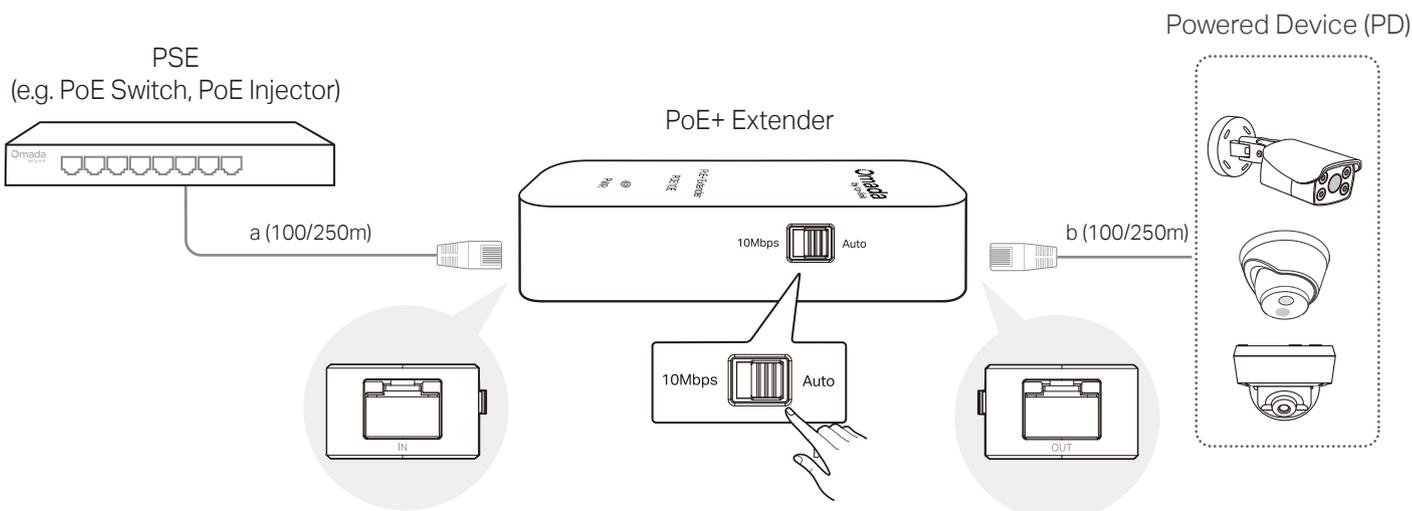


Installation Guide

PoE+ Extender

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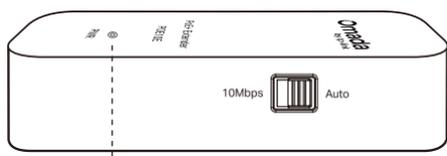
Connection



Note:

1. Make sure the Power Sourcing Equipment (PSE) and PD devices are connected to the corresponding ports properly.
2. The extender supports both Auto-Negotiation mode and 10Mbps mode. In 10Mbps mode, the maximum speed will downgrade to 10 Mbps.
3. The total cable length (a+b) is not recommended to exceed 350m, and the actual transmission distance may vary due to the type and quality of cables, power consumption of PD devices, voltage at PSE, etc. If a or b > 100m, enable 10Mbps mode first.
4. If $100\text{m} < a \leq 250\text{m}$, make sure the PSE supports extend mode.

Power LED Explanation



 **On:** Supplying power normally
Off: No power supply

Specifications

General Specifications

Standards	IEEE 802.3i, IEEE802.3u
LED	PWR
Cable Type	UTP/STP of Cat. 5E or above (based on the standards that the connected devices comply with)
Ports	1*10/100 Mbps Auto-Negotiation RJ45 PoE IN Port 1*10/100 Mbps Auto-Negotiation RJ45 PoE OUT Port
PoE Input	Compliance with 802.3af/at devices
Maximum PoE Output	20W

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.
- This equipment can be powered only by equipments that comply with Power Source Class 2 (PS2) or Limited Power Source (LPS) defined in the standard of IEC 62368-1. 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: Fast Ethernet PoE+ Extender
Model Number: POE10E
Responsible party:
TP-Link Systems Inc.
Address: 10 Mauchly, Irvine, CA 92618
Website: <https://www.tp-link.com/us/>
Tel: +1 626 333 0234
Fax: +1 909 527 6804
E-mail: sales.usa@tp-link.com

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.

We, TP-Link Systems Inc., have 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.

Issue Date: 2025/06/05

Industry Canada Statement

CAN ICES-003 (B)/NMB-003(B)



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



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	○	○	○	○	○	○
RJ45連接器	○	○	○	○	○	○
導熱矽膠墊	○	○	○	○	○	○

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。

FAQ

Q1. Which devices can work normally with the extender?

A: Only PSE and PD devices compliant with IEEE 802.3 af/at can function well with the extender. Do not use the extender with other devices to extend the data transmission distance only.

Q2. Why is the Power LED not lit?

A1: Ensure your network cable is in good condition.

A2: Ensure both PSE and PD devices are connected to the correct ports.

Q3. When should I enable the 10Mbps mode?

A: If you want to extend the transmission distance between the extender and the PD device to more than 100m, enable the 10Mbps mode first.

Environmental and Physical Specifications

Operating Temperature	0 °C to 45 °C (32 °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

環境和物理規格

運作溫度	0 °C - 45 °C (32 °F - 113 °F)
存放溫度	-40 °C - 70 °C (-40 °F - 158 °F)
運作濕度	10% - 90% RH 無凝結
存放濕度	5% - 90% RH 無凝結

EU Declaration of Conformity

TP-Link hereby declares that the PoE+ extender is in compliance with the essential requirements and other relevant provisions of directives 2014/30/EU, 2014/35/EU, 2009/125/EC, 2011/65/EU and (EU)2015/863. The original EU declaration of conformity may be found at <https://www.tp-link.com/en/ce>.

UK Declaration of Conformity

TP-Link hereby declares that the PoE+ extender is in compliance with the essential requirements and other relevant provisions of the Electromagnetic Compatibility Regulations 2016 and Electrical Equipment (Safety) Regulations 2016. The original UK Declaration of Conformity may be found at <https://www.tp-link.com/support/ukca>

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 二級設備
	Class II equipment with functional earthing 具有接地功能的二級設備
	Alternating current 交流電
	Direct current DC 電壓
	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 框架或外殼
	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 the contact gap (Semiconductor switching device) 無接觸間隙的開關 (半導體開關設備)