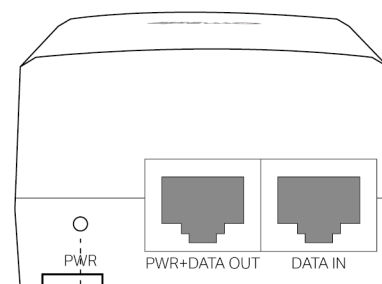


Installation Guide

54V 60W 10G Passive PoE Adapter

POE5460X

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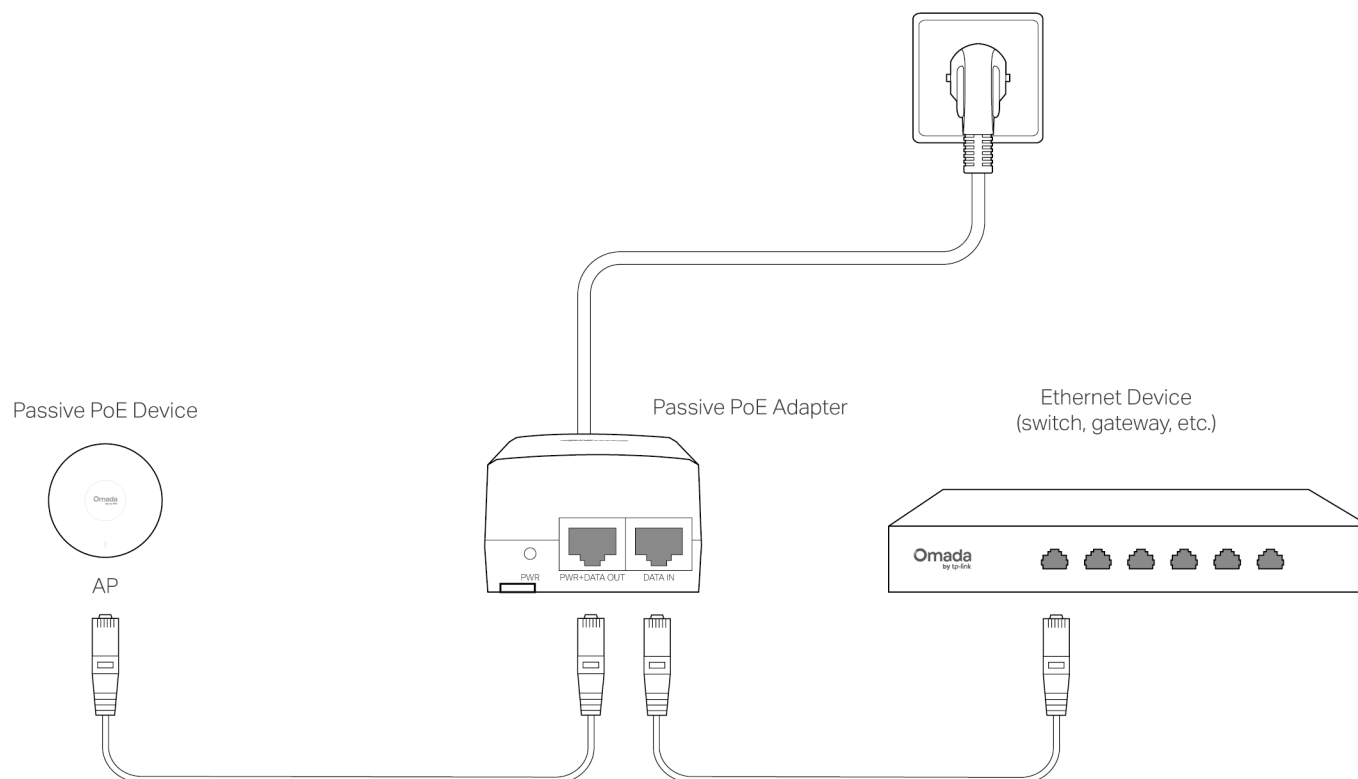


Green: Power on

Off: Power off

Connection

Use the passive PoE adapter to simultaneously supply power and transmit data to a passive PoE device.



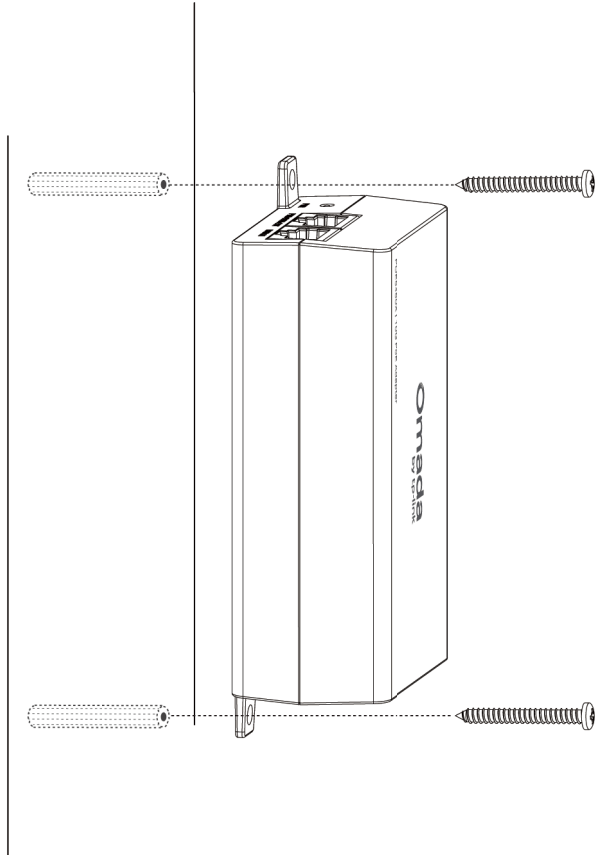
Note:

Before connecting a passive PoE device, please check the required voltage in its product manual.

The adapter can be mounted to a wall. To ensure it is attached securely, install the adapter with the Ethernet port facing up.

Wall-Mounting Installation

- Hold the passive PoE adapter against the wall and use a pencil to mark the screw holes.
- Use screws and a screwdriver to attach the adapter to the wall.



FAQ

Q1. Can the PoE adapter supply power to a passive PoE device which doesn't have a 10G PoE port?

A: Yes. Both the PWR+DATA OUT and the DATA IN ports of the PoE adapter comply with IEEE802.3i and IEEE 802.3u standards and support 10/100 Mbps and 1/2.5/5/10 Gbps.

Q2. Can the passive PoE adapter supply power to all my PoE devices?

A: If your devices support passive PoE and the voltage standards of the devices match that of the passive PoE adapter, the passive PoE adapter can supply power to them.

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 an earthing connection through the power supply cord.
- The PoE ports shall not be used to charge lithium batteries or devices supplied by lithium batteries.

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: 54V 60W 10G Passive PoE Adapter
Model Number: POE5460X
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 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., have determined that the equipment shown above complies with the applicable technical standards, FCC part 15. There are no unauthorized changes made to the equipment, and the equipment is properly maintained and operated.

Issue Date: 2024/12/27

Industry Canada Statement

CAN ICES-3 (A)/NMB-3(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.



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



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，本產品不應安裝或使用於住宅環境。

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	○	○	○	○	○	○
線材	○	○	○	○	○	○
PIN	-	○	○	○	○	○
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。						

Specifications

General Specifications

Standards	IEEE802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3an, IEEE 802.3bz
Output Power	54V/1.11A
LED	PWR
Ethernet Cable (Twisted Pair)	10Base-T/100Base-TX: UTP of Cat. 5 or above (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 1000Base-T/2.5GBase-T: UTP of Cat. 5e or above (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 5GBase-T: UTP of Cat. 5e or above (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 10GBase-T: UTP of Cat. 6 or above (maximum 50m) STP of Cat. 6a or above (maximum 90m)
Interfaces	1x 10 Gbps/5 Gbps/2.5 Gbps/1 Gbps/100 Mbps/10 Mbps RJ45 DATA IN port 1x 10 Gbps/5 Gbps/2.5 Gbps/1 Gbps/100 Mbps/10 Mbps RJ45 PWR+DATA OUT port (maximum 60W) 1x AC socket
Maximum Power Supply	60W
Dimensions (L×W×H)	125×59.4×36.8 mm
Wall Mountable	Yes
Distance Between Mounting Holes	115.7 mm (Vertical), 37.7 mm (Horizontal)

Environmental and Physical Specifications

Operating Temperature	-5 °C to 40 °C (23 °F to 104 °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



To ask questions, find answers, and communicate with TP-Link users or engineers, please join the TP-Link Community.



For technical support and other information, please visit <https://support.omadanetworks.com/>, or simply scan the QR code.



EU Declarat on of Conformity

TP-Link hereby declares that the device 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/support/ce>.

UK Declaration of Conformity

TP-Link hereby declares that the device 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 DC 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 earthing 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. Users have the choice to give their product to a competent recycling organization or to the retailer when they buy 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）