



## 8-Port 10/100Mbps PoE Switch TPE-S44

- [Guía de instalación rápida \(1\)](#)
- [Technical Specifications \(4\)](#)
- [Troubleshooting \(5\)](#)

## 1. Antes de iniciar

### Contenidos del paquete

- TPE-S44
- Guía de instalación rápida
- Cable de alimentación
- Adaptador eléctrico (48V DC, 800mA)

Si cualquiera de los contenidos anteriores se encuentra, por favor contacte a su distribuidor.

### Requisitos del sistema

- Un PC con adaptador de red instalado correctamente
- Cable de red RJ-45 Cat. 5, Cat. 5e o Cat. 6
- La superficie debe soportar al menos 430g para el conmutador
- La toma de corriente debe estar a 1.82m (6 pies) del conmutador
- Inspeccione visualmente el jack de alimentación DC para comprobar que está conectado al adaptador de alimentación
- Compruebe que existe una correcta regulación de la temperatura y una ventilación adecuada alrededor del conmutador
- No coloque objetos pesados encima del conmutador
- Dispositivo PD (Alimentado) IEEE 802.3af
- TPE-112GS (Opcional)

**Nota:** El TPE-S44 sólo es compatible con dispositivos PD (Alimentados) que siguen el estándar IEEE 802.3af

## 2. LEDs

LED	Color	Secuencia	Definición
System Power	Verde	Sólido	Dispositivo está encendido
	Apagado		Dispositivo está apagado
PoE Max	Verde	Sólido	Si el conmutador detecta que hay 7.5W de energía o menos disponible, este LED se encenderá. Esto indica una sobrecarga de energía.
	Apagado		Si el conmutador detecta que hay más de 7.5W de energía disponible, el LED no se encenderá.
Estatus PoE Status (Puertos 1~4)	Verde	Sólido	Cuando el conmutador está conectado al dispositivo PoE y el puerto suministra energía de manera exitosa, el LED tendrá una luz verde.
	Roja	Sólido	Si el LED tiene una luz roja, es porque el puerto no puede suministrar energía.
	Apagado		Si no hay ningún dispositivo PD (Alimentado) conectado, el LED no se encenderá.
Link/Act	Verde	Sólido	El puerto está conectado a un activo Ethernet / Fast Ethernet de dispositivos
		Parpadeo	La actividad ocurre desde el enlace
	Apagado		Puerto está desconectado / No Ethernet Link.
100Mbps	Verde	Sólido	Puerto LAN está conectado a 10/20Mbps (Half / Full Duplex) o 100/200Mbps (Half / Full Duplex).
		Parpadeo	LAN puerto de datos de transmisión / recepción 10/20Mbps (Half / Full Duplex) o 100/200Mbps (Half / Full Duplex).
	Apagado		No se detecta nada en el puerto.

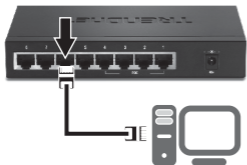
### 3. Instalación del Hardware

**Nota:** La máxima cantidad de energía disponible es de 15.4 vatios por puerto y de 30 vatios en total. Si se produce una sobrecarga, el conmutador priorizará la distribución de energía por puerto (desde la más baja hasta la más alta) Es decir, el puerto 1 recibirá la prioridad más alta y el puerto 4 la más baja. Los puertos con la menor prioridad tendrán la función PoE inactiva hasta que estén disponibles más de 7.5 vatios.

1. Conecte el cable de alimentación al adaptador de alimentación. Conecte el adaptador de alimentación al TPE-S44 y luego a una toma de corriente.



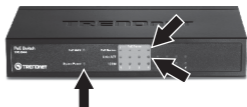
2. Conecte un cable de red RJ-45 desde el PC a un puerto Ethernet disponible en el TPE-S44.



3. Conecte un cable RJ-45 desde un puerto PoE (1~4) en el TPE-S44 al puerto LAN del dispositivo PoE (ej. TV-IP322P)



4. Compruebe que estén encendidas las siguientes luces del panel: **Alimentación del sistema (System Power), Estatus PoE y Link/ACT.**



## Technical Specifications

Hardware	
<b>Standards</b>	<ul style="list-style-type: none"> <li>• IEEE 802.3 10Base-T</li> <li>• IEEE 802.3u 100Base-TX</li> <li>• IEEE 802.3af Power over Ethernet</li> </ul>
<b>Network Media</b>	<ul style="list-style-type: none"> <li>• 10Mbps: Cat 3,4,5 Unshielded Cable</li> <li>• 100Mbps Cat 5,5e,6 Unshielded Cable</li> </ul>
<b>Protocol/Topology</b>	CSMA/CD, Star
<b>Ports</b>	<ul style="list-style-type: none"> <li>• 4 x 10/100Mbps Auto-MDIX POE Ports (1~4)</li> <li>• 4 x 10/100Mbps Auto-MDIX Fast Ethernet Ports (5~8)</li> </ul>
<b>Data Transfer Rate</b>	<ul style="list-style-type: none"> <li>• Ethernet: 10/20Mbps (half/full-duplex)</li> <li>• Fast Ethernet: 100/200Mbps (half/full-duplex)</li> </ul>
<b>RAM Buffer/Filtering</b>	96 Kbytes/ 1K entry per device
<b>Power</b>	48V DC 800mA External Power Adapter
<b>Diagnostic LEDs</b>	<ul style="list-style-type: none"> <li>• Per Unit: Power, Power MAX</li> <li>• Per Port: Link/Activity, 100M</li> <li>• PoE: PoE Status, Link/Activity, 100M</li> </ul>
<b>Power Consumption</b>	<ul style="list-style-type: none"> <li>• 6.3 Watts max. (no Power Device (PD) connected)</li> <li>• 36.3 Watts max. with 30w PoE Device connected</li> </ul>
<b>Temperature</b>	<ul style="list-style-type: none"> <li>• Operating: 0° ~ 40° C (32° ~ 104° F)</li> <li>• Storage: -10° ~ 70° C (14° ~ 158° F)</li> </ul>
<b>Humidity</b>	10%-90% (non-condensing)
<b>Dimension</b>	171 x 98 x 29mm (6.7 x 3.7 x 1.1 in.)
<b>Weight</b>	430g (13.8 oz)
<b>Certifications</b>	FCC, CE
PoE	
<b>Power over Ethernet</b>	<ul style="list-style-type: none"> <li>• Power budget: 30 watts (max)</li> <li>• Up to 15.4 watts per Port</li> <li>• PD classification Identify</li> <li>• PoE Over Current Protection</li> <li>• PoE Circuit Sorting Protection PoE Power on RJ-45 pin 3,6 Power+ and pin 1,2 for Power-</li> </ul>

## Troubleshooting

### 1. After connecting the Switch to a power outlet, the LEDs do not turn on.

1. Check the connection of the external power adapter to the TPE-S44 and the power outlet
2. Check that the power outlet is receiving power.

### 2. After I connect my PCs to the Switch, I am unable to share files.

1. Check the LEDs on the Switch. Make sure the Link/ACT LED is on.
2. Check the network cable. The minimum length of the cable is 1.5 meters and the maximum length of the cable is 100 meters.
3. Disable any software firewall program.
4. Verify that you have file sharing enabled. Please contact your Operating System support for more information.

### 3. After I connect my PCs to the Switch, I can only get onto the Internet from one computer.

The Switch was not designed to share Internet between multiple computers. You need to get an Internet router such as the TW100-S4W1CA.

### 4. My 802.3af Powered device does not power on when I plug the device into the Switch. What should I do?

1. Verify that the PoE device supports IEEE 802.3af protocol.
2. Power cycle the PoE switch. Unplug power to the Switch, wait 15 seconds, then plug the power back in.
3. Plug the device into a different port on the PoE switch.
4. Try using another RJ-45 network cable.
5. A power overload may have occurred. Connect your 802.3af Powered Device into port 1 and/or disconnect all other 802.3af Powered Device.

### 5. Where is the uplink port located on the Switch?

Since all the ports on the Switch are Auto-MDIX, any of the ports can be used as an uplink port.

If you still encounter problems or have any questions regarding the **TPE-S44** please contact Trendnet's Technical Support Department.

## Limited Warranty

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### **TPE-S44 - 3 Year Limited Warranty** **AC/DC Power Adapter, Cooling Fan and Power Supply carry 1 year warranty**

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## Product Warranty Registration

Please take a moment to register your product online.  
Go to TRENDnet's website at <http://www.trendnet.com/register>

### Certifications

This equipment has been tested and found to comply with FCC and CE 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.



Waste electrical and electronic products must not be disposed of with household waste. Please recycle where facilities exist. Check with you Local Authority or Retailer for recycling advice.



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### ADVERTENCIA

En todos nuestros equipos se mencionan claramente las características del adaptador de alimentación necesario para su funcionamiento. El uso de un adaptador distinto al mencionado puede producir daños físicos y/o daños al equipo conectado. El adaptador de alimentación debe operar con voltaje y frecuencia de la energía eléctrica domiciliar existente en el país o zona de instalación.

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