



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

- Anleitung zur Schnellinstallation (1)
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1. Bevor Sie anfangen

Packungsinhalt

- TPE-S44
- Kurzanleitung zur Installation
- Stromkabel
- Netzteil (48V DC, 800mA)

Wenn keiner der oben genannten Inhalte fehlen, wenden Sie sich an Ihren Fachhändler.

Systemanforderungen

- Computer mit korrekt installiertem Netzwerkadapter
- Kat. 5, Kat. 5e oder Kat. 6 RJ-45-Netzwerkkabel
- Die Aufstellfläche des Switch muss mindestens 430g tragen können
- Die Steckdose darf nicht mehr als 1,8m vom Switch entfernt sein
- Achten Sie darauf, dass der Gleichstromstecker fest im Netzteil sitzt
- Gewährleisten Sie eine ausreichende Wärmeableitung und eine angemessene Belüftung um den Switch herum.
- Legen Sie keine schweren Gegenstände auf den Switch
- PoE-Gerät gemäß IEEE 802.3af
- TPE-112GS (Optional)

Hinweis: Der TPE-S44 unterstützt nur PoE-Geräte, die dem Standard IEEE 802.3af entsprechen

2. LEDs

| LED | Farbe | Sequenz | Definition |
|------------------------|-------|----------|--|
| Systemleistung | Grün | Leuchtet | Das Gerät ist auf. |
| | Ab | | Gerät ist ausgeschaltet. |
| PoE Max | Grün | Leuchtet | Diese LED leuchtet auf, wenn der Switch eine Leistung von 7,5 W oder weniger verzeichnet. Sie zeigt an, dass eine Überlastung aufgetreten ist. |
| | Ab | | Bei mehr als 7,5 W bleibt die LED dunkel. |
| PoE Status (Ports 1~4) | Grün | Leuchtet | Die LED leuchtet grün, wenn der Switch mit einem PoE-Gerät verbunden ist und über diesen Port Strom übertragen wird. |
| | Rot | Leuchtet | Wenn die LED rot leuchtet, liegt an diesem Port keine Spannung an. |
| | Ab | | Wenn kein PoE-Gerät angeschlossen ist, bleibt die LED dunkel. |
| Link/Aktivität | Grün | Leuchtet | Der Hafen ist eine aktive Ethernet / Fast Ethernet-Gerät angeschlossen. |
| | | Blinkt | Über die Verbindung werden Daten ausgetauscht. |
| | Ab | | LAN-Port ist nicht angeschlossen / Nein Ethernet Link. |
| 100Mbps | Grün | Leuchtet | LAN-Port ist auf 10-/20MBit/ps (Half/Full Duplex) oder 100/200MBit/s (Half/Full Duplex) verbunden. |
| | | Blinkt | LAN-Port Daten sendet / empfängt 10/20Mbit/s (Half/Full Duplex) oder 100/200MBit/s (Half /Full Duplex). |
| | Ab | | Am Port wurde kein Gerät erkannt. |

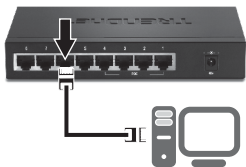
3. Installation der Hardware

Hinweis: Maximal stehen pro Port 15,4 Watt und insgesamt 30 Watt zur Verfügung. Bei einer Überlastung versorgt der Switch die einzelnen Ports entsprechend ihrer Priorität mit Strom. Port 1 hat dann die höchste und Port 4 die niedrigste Priorität. Die Ports mit geringeren Prioritäten werden so lange deaktiviert, bis wieder mehr als 7,5 W anliegen.

1. Stecken Sie das Stromkabel in das Netzteil. Verbinden Sie das Netzteil mit dem TPE-S44 und stecken Sie es in eine Steckdose.



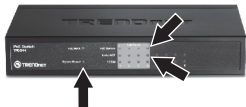
2. Verbinden Sie Ihren Computer über ein RJ-45-Netzwerkkabel mit einem freien Ethernet-Port des TPE-S44.



3. Verbinden Sie einen PoE-Port (1-4) des TPE-S44 über ein RJ-45-Kabel mit dem LAN-Port des PoE-Geräts (z.B. TV-IP322P)



4. Kontrollieren Sie, dass die folgenden Anzeigen leuchten: **Systemleistung, PoE-Status und Link/Akt.**



Technical Specifications

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

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.

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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.



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TRENDnet
20675 Manhattan Place
Torrance, CA 90501. USA