



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

- Руководство по быстрой установке (1)
- Technical Specifications (4)
- Troubleshooting (5)

# 1. Что нужно сделать в самом начале

## Содержимое упаковки

- TPE-S44
- Руководство по быстрой установке
- Сетевой шнур
- Источник питания переменного тока (48 В пост. т., 800мА)

Если любой из выше содержание отсутствует, пожалуйста, обратитесь к поставщику.

## Системные требования

- Компьютер с соответствующим образом установленным сетевым адаптером
- Сетевой кабель RJ-45 Cat. 5, Cat. 5e или Cat. 6
- Поверхность под коммутатором должна выдерживать нагрузку минимум в 430 г
- Сетевая розетка должна располагаться в пределах 1,82м (6 футов) от коммутатора
- Проверьте надежность подключения адаптера источника питания к гнезду постоянного тока (DC)
- Убедитесь в беспрепятственности отвода тепла от коммутатора и адекватности вентиляции его корпуса
- Не устанавливайте на коммутатор тяжелые предметы
- Устройство с питанием от IEEE 802.3af
- TPE-112GS (дополнение)

**Примечание:** устройство TPE-S44 поддерживает только устройства, питаемые по стандарту IEEE 802.3af

## 2. Световые индикаторы

| СИД                       | цвет    | Последовательность | определение   |
|---------------------------|---------|--------------------|---|
| Напряжение системы        | Зеленый | горит постоянно    | Устройство на   |
|                           | от      |                    | Устройство выключено  |
| PoE Max                   | Зеленый | горит постоянно    | Если коммутатор обнаружит, что мощность равна 7,5 Вт или меньше, этот индикатор загорится. Это указывает на перенапряжение.           |
|                           | от      |                    | Если коммутатор обнаружит, что мощность превышает 7,5 Вт, этот индикатор не загорится.  |
| Состояние PoE (порты 1~4) | Зеленый | горит постоянно    | СИД горит зеленым цветом, если коммутатор подключен к устройству PoE и электропитание через порт нормальное.                          |
|                           | Красный | горит постоянно    | Если СИД горит красным цветом, значит, порт, не обеспечивает нужным электропитанием.  |
|                           | от      |                    | При отсутствии подключения питаемого устройства СИД не горит.   |
| Связь/работа (порты 1~8)  | Зеленый | горит постоянно    | Порт соединен с активным Ethernet / Fast Ethernet устройства  |
|                           |         | мигает             | Идет передача данных  |
|                           |         | от                 | порт отключен / Нет Ссылка Ethernet   |
| 100 Мбит/с (порты 1~8)    | Зеленый | горит постоянно    | LAN порт подключен на 10/20 Мбит (полудуплексный / дуплексный режим) или 100/200 Мбит (полудуплексный/дуплексный режим)               |
|                           |         | мигает             | LAN порт данных приема / передачи 10/20 Мбит (полудуплексный / дуплексный режим) или 100/200 Мбит (полудуплексный / дуплексный режим) |
|                           | от      |                    | На порту не обнаружено устройств.   |

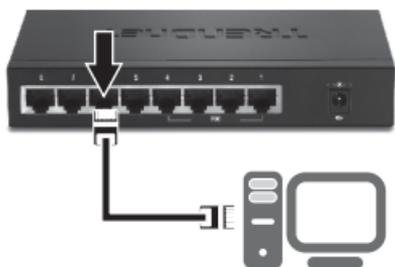
### 3. Установка оборудования

**Примечание:** Максимально доступная мощность составляет 15,4 Вт на порт, всего 30 Вт. При перенапряжении коммутатор установит приоритеты при распределении электропитания по портам (от наименьшего до наивысшего). То есть, порт 1 получит наивысший приоритет, а порт 4 – наименьший. У портов с наименьшим приоритетом функция PoE будет отключена до тех пор, пока не установится мощность более 7,5 Вт.

1. Присоедините сетевой шнур к адаптеру питания переменного тока. Подключите силовой адаптер переменного тока к устройству TPE-S44 и сетевой розетке.



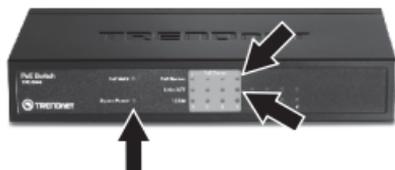
2. Присоедините сетевой кабель RJ-45 от компьютера к порту Ethernet на устройстве TPE-S44.



3. Присоедините кабель RJ-45 от порта PoE (1~4) на устройстве TPE-S44 к порту LAN на устройстве PoE (напр., TV-IP322P)



4. Убедитесь в загорании следующих индикаторов на панели: **System Power, PoE Status** и **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.

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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.



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