



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

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1. Before You Start

Package Contents

- TPE-S44
- Quick Installation Guide
- Power Cord
- Power Adapter (48V DC, 800mA)

If any of the above contents are missing, please contact your reseller.

Minimum Requirements

- Computer with network adapter installed
- Cat. 5, Cat. 5e or Cat. 6 RJ-45 network cable
- The surface must support at least 430g for the Switch
- The power outlet should be within 1.82m (6ft) of the Switch
- Visually inspect the DC power jack to make sure that it is securely connected to the power adapter
- Make sure that there is proper heat dissipation and adequate ventilation around the Switch
- Do not place heavy objects on the Switch
- IEEE 802.3af Poe Device
- TPE-112GS (Optional)

Note: The TPE-S44 only supports Powered Devices that follow the IEEE 802.3af standard

2. LEDs

LED	Color	Sequence	Definition
System Power	Green	Solid	Device is on.
	Off		Device is off.
PoE Max	Green	Solid	If the Switch detects there is 7.5W of power or less available, this LED will light up. This indicates a power overload.
	Off		If the Switch detects there is more than 7.5W of power available, the LED will not light up.
PoE Status (Ports 1~4)	Green	Solid	When the Switch is connected to a PoE device and the port supplies power successfully, the LED is green.
	Red	Solid	When the LED is red, the port has failed to provide power.
	Off		When there is no Powered Device connected, the LED is not lit.
Link/Act	Green	Solid	The port is connected to an active Ethernet/Fast Ethernet device.
		Blinking	Activity is occurring from the link.
	Off		Port is disconnected/No Ethernet Link
100Mbps	Green	Solid	LAN port connected at 10/20 Mbps or 100/200Mbps (Half/Full Duplex).
		Blinking	LAN port data transmitting/receiving 10/20Mbps or 100/200Mbps (Half/Full Duplex).
	Off		Nothing is detected on the port.

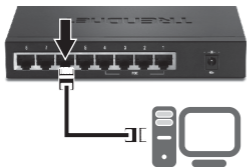
3. Hardware Installation

Note: The maximum amount of power available is 15.4 Watts per port and 30 Watts total. If a power overload has occurred, the Switch will prioritize the distribution of power by port (from lowest to highest). That is, port 1 will receive the highest priority and port 4 will receive the lowest priority. The ports with lower priority will have their PoE function disabled until more than 7.5 watts of power becomes available.

1. Plug the power cord into the Power Adapter. Connect the Power Adapter to the TPE-S44 and then to a power outlet.



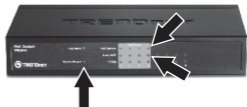
2. Connect a RJ-45 network cable from the computer to an available Ethernet port on the TPE-S44.



3. Connect a RJ-45 cable from a PoE port (1~4) on the TPE-S44 to the LAN port of the PoE device (e.g. TV-IP322P).



4. Verify that the following panel lights are on: **System Power, PoE Status and Link/ACT.**



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.

Declaration of Conformity



Company Information:

Company Name:

TRENDnet, Inc.

Company Address:

20675 Manhattan Place

Torrance, CA 90501

USA



Product Information:

Product Description:

8-Port 10/100Mbps PoE Switch

Model Number:

TPE-S44

Brand name:

TRENDnet

Technical Standards:

EN 55022 : 2006 + A1 : 2007 Class A

EN 61000-3-2 : 2006 + A1 : 2009 + A2 : 2009 Class A

EN 61000-3-3 : 2008

EN 55024 : 1998 + A1 : 2001 + A2 : 2003

AS/NZS CISPR 22 : 2006 Class A

Declaration:

The product is herewith confirmed to comply with the requirements of Directive 2004/108/EC of the Council (European Parliament) on the EMC directive.

I hereby declare that the products and devices mentioned above are consistent with the standards and provisions of the guidelines.

Sonny Su

Full Name

July 19, 2011

Date

Director of Technology

Position / Title

Signature

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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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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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