TRENDnet®

Quick Installation Guide 🇺🇸 🇬🇧

TPE-S80
1.01

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System Requirements

- Computer with Network adapter installed
- RJ-45 Network Cable
- The surface must support at least 1.5 Kg for the Switch
- The power outlet should be within 1.82 meters (6 feet) of the Switch
- Make sure that there is proper heat dissipation from and adequate ventilation around the Switch
- Do not place heavy objects on the Switch
- IEEE 802.3af Powered Device
- TPE-112S (Optional)
- EIA standard 19" rack (Optional)

Note: The TPE-S80 only supports Powered Devices that follow the IEEE 802.3af standard

Link/ACT
Green (Solid): Link to another device
Green (Blinking): Activity is occurring from the link
Not Illuminated: No valid network connection on the port.

PoE
Amber: Link to PoE device
Not Illuminated: No PoE device is connected

Power
Amber: Power is on
Not Illuminated: Power is off

1. Connect the **Power Cord** to the TPE-S80 and then to a power outlet.

2. Move the Power switch to the on position.

3. Connect a RJ-45 network cable from the computer to an available Ethernet port on the TPE-S80.

4. Connect a RJ-45 cable from a PoE port (1~8) on the TPE-S80 to the **LAN** port of the PoE device (e.g. TEW-638PAP)

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

Using a non-PoE device with the TPE-S80 and the TPE-112GS PoE Splitter

Note: Take note of the output power for your non-PoE device. The TPE-112GS only supports non-PoE devices with an out put power of 5V, 7.5V, 9V or 12V.

1. Select the proper voltage (5V, 7.5V, 9V or 12V)**.**

2. Connect an Ethernet cable from a PoE port on the TPE-S80 switch to the **PoE IN port** on the TPE-112GS.

3. Connect the built-in Ethernet cable (**Data Out**) on the TPE-112GS to the non-PoE device's LAN port (e.g. TEW-639GR).

4. Connect the provided Jumper cable to the non-PoE device (e.g. TEW-639GR) and to the TPE-112GS.
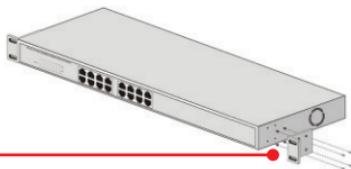
5. Verify that the following panel lights are on: **Power, PoE and Link/ACT**.
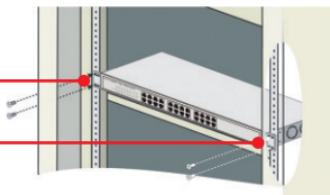
Rack Mount

The Switch can be mounted in an EIA standard-size, 19-inch rack, which can be placed in a wiring closet with other equipment.

1. Attach the mounting brackets to both sides of the chassis and secure them with the provided screws.

2. Carefully position the chassis onto the rack. Align the bracket to the screw holes on the rack, then use the screws provided with the equipment rack to mount the chassis.

Technical Specifications

Hardware	
Standard	• IEEE 802.3 10Base-T • IEEE802.3u 100Base-TX • IEEE 802.3af Power over Ethernet • IEEE 802.3x Flow Control
Ports	8 x 10/100Mbps Auto-MDIX PoE ports
Power Switch	On/Off power switch
Data Transfer Rates	• Ethernet: 10/20Mbps (half/full duplex) • Fast Ethernet: 100/200Mbps (half/full duplex)
Data RAM Buffer	512Kbits
Address Table	1K MAC entries
Switch Fabric	1.6Gbps
Power	100~240VAC 50/60Hz, internal universal switching power
Diagnostic LEDs	Power, Link/Activity, PoE Act/Status
Power Consumption	• 6 Watts max. (no Power Device (PD) connected) • 132 Watts max. (8 x 15.4 watts PoE devices connected)
Temperature	• Operating: 0° ~ 45°C (32° ~ 113°F) • Storage: -10° ~ 70°C (14° ~ 158°F)
Humidity	10%- 95% (non-condensing)
Dimensions	266 x 160 x 44 mm (10.5 x 6.3 x 1.73 in.)
Weight	1.4 kg (3.1 lb)
Certifications	CE, FCC
PoE	
Power over Ethernet	• Up to 15.4 watts per port; PD classification • Polymer switch for short protection • PoE: pin 3,6 for power (+) and pin 1,2 for power (-)

1. After connecting the Switch to a power outlet, the LEDs do not turn on.
    1. Check the connection of the power cord to the TPE-S80 and the power outlet.
    2. Verify that the power switch is set to the On position.
    3. 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. Verify that the power switch is set to the on position.
    3. Power cycle the PoE switch. Unplug power to the Switch, wait 15 seconds, then plug the power back in.
    4. Plug the device into a different port on the PoE switch.
    5. Try using another RJ-45 network cable.

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-S80** please contact Trendnet's Technical Support Department.

Limited Warranty

TRENDnet warrants its products against defects in material and workmanship, under normal use and service, for the following lengths of time from the date of purchase.

TPE-S80 – 3 Years Limited Warranty

AC/DC Power Adapter, Cooling Fan, and Power Supply carry 1 year warranty.

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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.

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.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

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