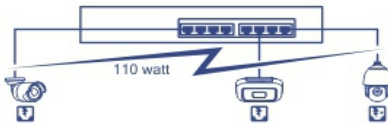# TRENDNET®

8-Port Fast Ethernet PoE+ Switch
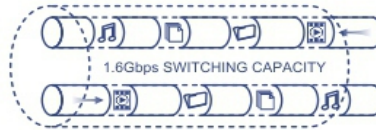
TPE-T80H (v2.0R)

- 8 x Fast Ethernet PoE+ ports
- Internal power supply
- Up to 30W per port with 110W total power budget
- Reduces equipment cost by delivering data and power over existing network cables
- Fanless design for silent operation
- 1.6Gbps switching capacity
- Sturdy rack mountable metal housing
- Use with TRENDnet's PoE splitter to network and power non-PoE devices
- Limited Lifetime Warranty

TRENDnet's 8-Port Fast Ethernet PoE+ Switch, model TPE-T80H, reduces equipment and installation costs by delivering data and power over existing Ethernet cables. This unmanaged desktop PoE switch offers eight fast ethernet PoE+ ports which supply up to 30W of power per port for devices such as high power wireless access points, IP Cameras, and VoIP telephony systems. It supports both PoE (802.3af) and PoE+ (802.3at) devices with a 110W PoE budget. This rack mountable switch features a fanless design that eliminates operating noise.

PoE+ Power
A 110W PoE power budget supplies up to eight Power over Ethernet devices.
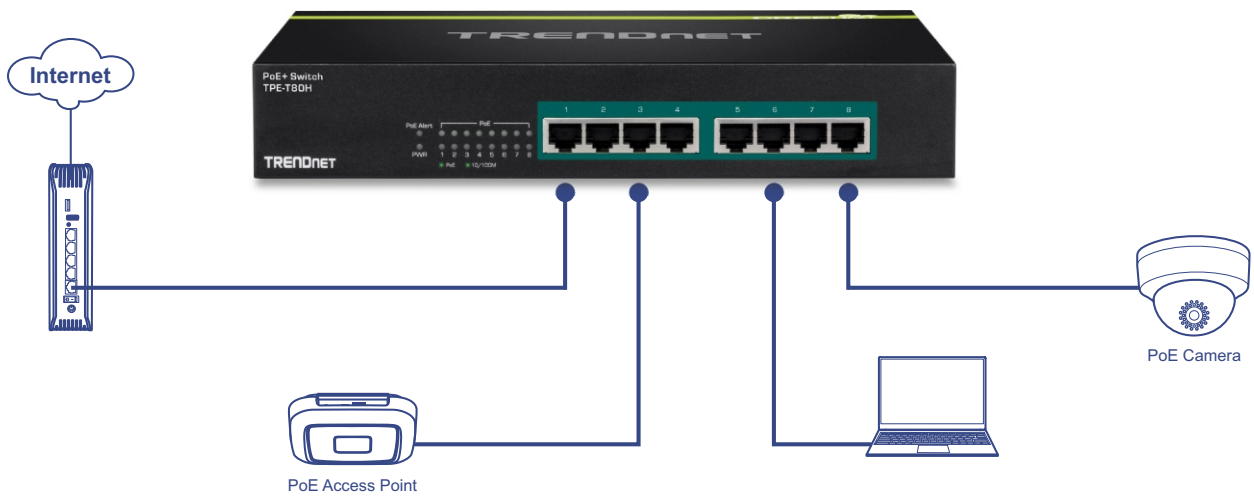

Fast Ethernet
Eight Fast Ethernet ports provides a 1.6Gbps switching capacity to support edge network installations.

Fanless
Fanless design eliminates operating noise.

Networking Solution

PoE+
Supplies up to 30W of PoE+ power per port with a total power budget of 110W

Switching Capacity
1.6Gbps switching capacity

Fanless
Fanless design eliminates operating noise

Ports
Eight Fast Ethernet PoE+ ports

Housing Design
Desktop PoE switch with sturdy rack mountable metal housing with included rackmount kit

LED Indicators
LED indicators convey port status

TRENDnet®

Specifications

Standards	• IEEE 802.3 • IEEE 802.3u • IEEE 802.3x • IEEE 802.3ab • IEEE 802.3af • IEEE 802.3at • IEEE 802.3az • IEEE 802.1Q
Device Interface	• 8 x Fast Ethernet PoE/PoE+ ports • LED indicators
Data Transfer Rate	• Ethernet: 10Mbps (half duplex), 20Mbps (full duplex) • Fast Ethernet: 100Mbps (half duplex), 200Mbps (full duplex)
Performance	• Packet Buffer: 56KB • Switch Fabric: 1.6Gbps • MAC Address Table: 1K entries • Forwarding Rate: 1.19Mpps (64-byte packet size)
Power	• Input: 110-240V AC, 50/60 Hz, internal power supply • Max. Consumption: 130W
PoE	• PoE budget: 110W • Pin 1, 2 for power+ and pin 3, 6 for power- (mode A)

Fan/Acoustics	• Fanless design
Operating Temperature	• 0° – 40° C (32° - 104° F)
Operating Humidity	• Max. 90% non-condensing
Dimensions	• 265.1 x 183.7 x 44mm (10.4 x 7.2 x 1.7 in.)
Weight	• 1.52kg (3.34 lbs.)
Certifications	• CE • FCC • UL
Warranty	• Lifetime

PACKAGE CONTENTS

• TPE-T80H
• Quick Installation Guide
• Rackmount kit
• Power cord

TRENDnet offers a limited lifetime warranty for all of its metal-enclosed network switches that have been purchased in the United States/Canada on or after 1/1/2015. Cooling fan and internal power supply carry a one-year warranty.