



8-Port Gigabit PoE+ Switch

TPE-TG80g (v3.3R)

- 8 x Gigabit PoE+ ports
- 123W PoE power budget
- 16 Gbps switching capacity
- Sturdy metal switch
- Plug and Play installation
- Limited Lifetime Warranty

TRENDnet's 8-Port Gigabit PoE+ Switch, model TPE-TG80g, offers 8 x Gigabit PoE+ ports (30 Watts/port), a 16Gbps switching capacity, and a PoE power budget of 123 Watts. Plug and Play this sturdy metal switch for reliable high speed PoE networking.



PoE Camera Flexibility

Recognizes non-PoE, PoE (15.4W), and PoE+ (30W) cameras (or other PoE devices) and supplies the required power automatically.



Durable Install

This compact switch has a small footprint and the rugged metal housing improves product durability.



Fanless Design

Fanless design reduces energy consumption and operating noise, thereby supporting workstation/workgroup installations.

Networking Solution



1 LED indicators

2 Metal enclosure

3 Gigabit PoE+ ports

4 Power port



PoE+

Supplies up to 30 Watts of PoE power per port with a 123 Watt power budget



Jumbo Frame

Sends Jumbo Frames (up to 9 Kbytes) for increased performance



LED Indicators

LED indicators convey port status



Ports

8 x Gigabit PoE+ Ethernet ports



Energy Savings

Embedded GREENnet technology reduces power consumption



Switching Capacity

16Gbps switching capacity



Housing

Rugged metal enclosure

Specifications

Standards	<ul style="list-style-type: none">• IEEE 802.1p• IEEE 802.3• IEEE 802.3u• IEEE 802.3x• IEEE 802.3ab• IEEE 802.3af• IEEE 802.3at• IEEE 802.3az
Device Interface	<ul style="list-style-type: none">• 8 x Gigabit PoE/PoE+ ports• LED indicators
Data Transfer Rate	<ul style="list-style-type: none">• Ethernet: 10 Mbps (half duplex), 20 Mbps (full duplex)• Fast Ethernet: 100 Mbps (half duplex), 200 Mbps (full duplex)• Gigabit: 2000 Mbps (full duplex)
Performance	<ul style="list-style-type: none">• Data RAM Buffer: 128KB• Switch Fabric: 16Gbps• MAC Address Table: 4K entries• Forwarding rate: 11.9Mpps (64-byte packet size)• Jumbo Frame: 9K
Special Features	<ul style="list-style-type: none">• GREENnet energy saving technology
Power	<ul style="list-style-type: none">• Input: 100-240 V AC, 50/60 Hz, 1.9 A• Output: 54V DC, 2.77A• Max. consumption: 5.3W

PoE	<ul style="list-style-type: none">• PoE budget: 123W• Pin 1,2 for power+ and pin 3,6 for power- (mode A)
Operating Temperature	<ul style="list-style-type: none">• 0 – 45 °C (32 - 113 °F)
Operating Humidity	<ul style="list-style-type: none">• Max. 90% non-condensing
Dimensions	<ul style="list-style-type: none">• 150 x 96 x 28mm (5.9 x 3.8 x 1.1 in.)
Weight	<ul style="list-style-type: none">• 400g (14 oz.)
Certifications	<ul style="list-style-type: none">• CE• FCC
Warranty	<ul style="list-style-type: none">• Lifetime Warranty*

PACKAGE CONTENTS

- TPE-TG80g
- Quick Installation Guide
- Power adapter (54 V DC, 2.77 A)

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.