

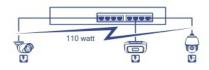
8-Port Gigabit GREENnet PoE+ Switch

TPE-TG81g (v2.1R)

- · 8 x Gigabit 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
- · 16Gbps switching capacity
- · Sturdy rack mountable metal housing
- · Use with TRENDnet's PoE splitter to network and power non-PoE devices

TRENDnet's 8-Port Gigabit GREENnet PoE+ Switch, model TPE-TG81g, reduces equipment and installation costs by delivering data and power over existing Ethernet cables. This unmanaged switch offers eight Gigabit 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 and lowers energy consumption.

TRENDIET







PoE Power

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

Gigabit Ethernet

Eight gigabit ports provides a 16Gbps switching capacity to support edge network installations.

Fanless

Fanless design lowers energy consumption and eliminates operating noise.



PoE+

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



Ports

Eight gigabit PoE+ ports



Switching Capacity

16Gbps switching capacity



Jumbo Frame

Sends larger packets, or Jumbo Frames (up to 9KB) for increased performance



Housing Design

Sturdy rack mountable metal housing with included mounting kit



Fanless

Fanless design lowers energy consumption and eliminates operating noise



Energy Savings

Embedded GREENnet technology reduces power consumption



LED Indicators

LED indicators convey port status



Specifications

Standards	• IEEE 802.3 • IEEE 802.3u • IEEE 802.3a • IEEE 802.3ab • IEEE 802.3af • IEEE 802.3at • IEEE 802.3az • IEEE 802.1Q
Device Interface	8 x Gigabit PoE/PoE+ ports LED indicators
Data Transfer Rate	Ethernet: 10Mbps (half duplex), 20Mbps (full duplex) Fast Ethernet: 100Mbps (half duplex), 200Mbps (full duplex) Gigabit: 2000Mbps (full duplex)
Performance	 Packet Buffer: 192KB Switch Fabric: 16Gbps MAC Address Table: 4K entries Forwarding Rate: 11.9Mpps (64-byte packet size) Jumbo Frame: 9K
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 x 183 x 44mm (10.4 x 7.2 x 1.7 in.)
Weight	• 1.54kg (3.38 lbs.)
Certifications	• CE • FCC • ETL
Warranty	• 3 year

PACKAGE CONTENTS

- TPE-TG81g
- · Quick Installation Guide
- Power cord