5-Port 10/100 Mbps PoE Switch

TPE-S50 (v1.0R)

- 4 x 10/100 Mbps PoE ports and 1 x 10/100 Mbps port
- 31 W total power budget
- 1 Gbps switching capacity
- Sturdy metal switch
- Plug and Play installation
- Use with a TRENDnet PoE Splitter to network and power non-PoE devices
- Limited Lifetime Warranty

The 5-Port 10/100 Mbps PoE Switch, model TPE-S50, delivers data and power over existing Ethernet cables to Power over Ethernet (PoE) devices such as Access Points and IP Cameras. The TPE-S50 offers four 10/100 Mbps PoE Ethernet ports and one 10/100 Mbps Ethernet port. It supports PoE (802.3af) devices with a 31 Watt power budget. Plug and Play this sturdy metal switch for reliable high speed PoE networking.

TRENDnet®

PoE Camera Flexibility

Automatically supply up to 15.4 Watts to standard 802.3af PoE devices.

PoE Power

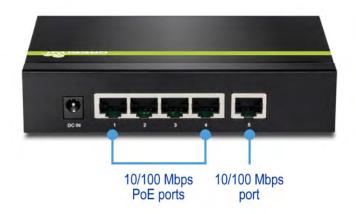A 31 Watt PoE power budget supplies up to four Power over Ethernet devices with PoE power.

Ethernet Networking

Five 10/100 Mbps Ethernet ports produce a 1 Gbps switching capacity to support edge network installations.

Networking Solution

LED Indicators

10/100 Mbps PoE ports   10/100 Mbps port

PoE
Supplies up to 15.4 Watts of PoE power per port with a 31 Watt power budget

Ports
Four 10/100 Mbps PoE ports and one 10/100 Mbps port

Switching Capacity
1 Gbps switching capacity

Housing
Rugged metal enclosure

LED Indicators
LED indicators convey port status

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Specifications

Standards
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 802.3af (15.4 Watts/port)
- IEEE 802.3az

Device Interface
- 4 x 10/100 Mbps PoE ports
- 1 x 10/100 Mbps port
- LED indicators

Data Transfer Rate
- Ethernet: 10 Mbps (half duplex), 20 Mbps (full duplex)
- Fast Ethernet: 100 Mbps (half duplex), 200 Mbps (full duplex)

Performance
- Data RAM Buffer: 56 KB
- Switch Fabric: 1 Gbps
- MAC Address Table: 1 K entries
- Forwarding rate: 0.744 Mpps (64-byte packet size)

Special Features
- GREENnet energy saving technology

Power
- Input: 110 – 240 V AC, 50/60 Hz, 0.75 A
- Output: 48 V DC, 0.75 A

- Consumption: 36 Watts (Max.)

PoE
- PoE budget: 31 Watts
- Pin 4, 5 for power+ and pin 7, 8 for power- (mode B)

Operating Temperature
- 0 – 40 °C (32 – 104 °F)

Operating Humidity
- Max. 90% non-condensing

Dimensions
- 141 x 95 x 30 mm (5.6 x 3.7 x 1.2 in.)

Weight
- 337 g (12 oz.)

Certifications
- CE
- FCC

Warranty
- Limited Lifetime Warranty

Package Contents
- TPE-S50
- Quick Installation Guide
- Power adapter (48 V DC, 0.75 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.