



8-Port 10/100Mbps PoE Switch TPE-S80 (V1.0R)

The 8-Port 10/100Mbps PoE Switch, model TPE-S80, reduces equipment and installation costs by delivering data and power over existing Ethernet cables to Power over Ethernet (PoE) enabled devices such as Access Points and IP Cameras.

Boost office efficiency and reduce network congestion with a total switching capacity of 1.6Gbps. LED indicators display device status for easy power management and troubleshooting. An internal power supply reduces clutter and delivers 15.4 Watts to each PoE port. A convenient on/off button is located on the back of the switch. Non-PoE devices can connect to the switch—auto-sensing PoE technology cuts power to non-PoE connected devices. Use TRENDnet's PoE Splitter with the TPE-S80 to install non-PoE devices in remote locations.

Features

- IEEE 802.3af Power over Ethernet (PoE) compliant
- 8 x 10/100Mbps Auto-MDIX RJ-45 PoE ports
- On/Off power switch
- Provides 15.4 watts per PoE port
- Supports PoE Powered Device (PD) classification
- 1.6Gbps switching fabric
- Full wire-speed non-blocking reception and transmission
- Store-and-forward switching method
- Back pressure Flow Control for half-duplex mode
- IEEE 802.3x Flow Control for full-duplex mode
- 512Kbits RAM Data Buffer and 1K MAC address entries
- Diagnostic LEDs (Power, Link/Activity, PoE Act/Status)
- Plug and Play
- Sturdy metal enclosure
- Mounting hardware included
- 3-year limited warranty

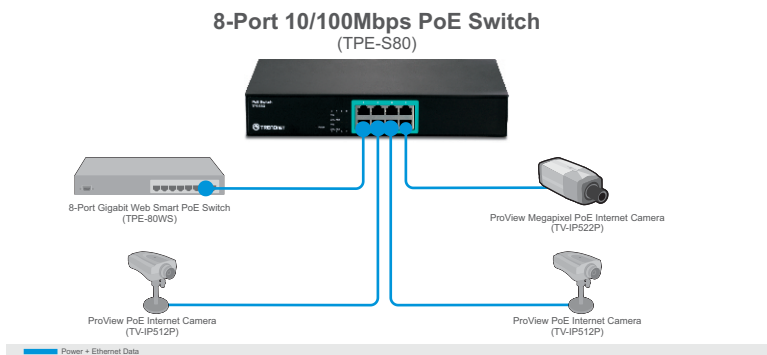
8-Port 10/100Mbps PoE Switch

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SPECIFICATIONS

Hardware	
Standards	• 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 Rate	• 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
Hardware	
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-

NETWORKING SOLUTIONS



PACKAGE CONTENTS

- TPE-S80
- Multi-Language Quick Installation Guide
- Rack mounting kit
- Power cord

RELATED PRODUCTS

TV-IP512P	ProView PoE Internet Camera
TPE-102S	Power over Ethernet Splitter
TPE-80WS	8-Port Gigabit Web Smart PoE Switch

CONTACT INFORMATION

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