8-Port 30 Watt 10/100Mbps PoE+ Switch
TPE-T80 (v1.0R)

TRENDnet's 8-Port 30 Watt 10/100Mbps PoE+ Switch, model TPE-T80, reduces equipment and installation costs by delivering data and power over existing Ethernet cables. The IEEE 802.3at PoE+ standard supplies up to 30 watts of power per port for devices such as high power wireless access points, PTZ (Pan Tilt Zoom) Internet cameras, and VoIP telephony systems.

Auto sensing technology delivers up to 30 watts to 802.3at PoE+, 15 watts to 802.3af PoE, and only data to non-PoE devices. GREENnet technology reduces energy costs by up to 75% when the switch is not in use.

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 DIP switches on the front panel allow managers to manually cut PoE power to a given port. Use this switch with TRENDnet PoE Splitters to install non-PoE devices in remote locations.

PRODUCT OVERVIEW

- 30 watts per PoE+ port
- Reduces equipment cost by delivering data and power over existing network cables
- 8 x 10/100Mbps PoE+ ports
- 1.6 Gbps switching capacity
- Up to 75% GREENnet power savings

FEATURES

- IEEE 802.3at and IEEE 802.3af Power over Ethernet (PoE) compliant
- Support PoE class 2 (7 watts) , 3 (15.4 watts), and 4 (30 watts)
- 8 x 10/100Mbps Auto-MDIX PoE+ ports
- Provides up to 30 watts per PoE port
- 1.6 Gbps switching fabric
- 8 DIP switches turns PoE support on/off per port
- 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
- 1.25Mbits RAM Data Buffer
- 4K MAC address entries
- 250 watt Internal Power supply: AC input (90~260V/AC, 50~60Hz)
- Plug and Play
- Sturdy metal enclosure
- 3-year limited warranty

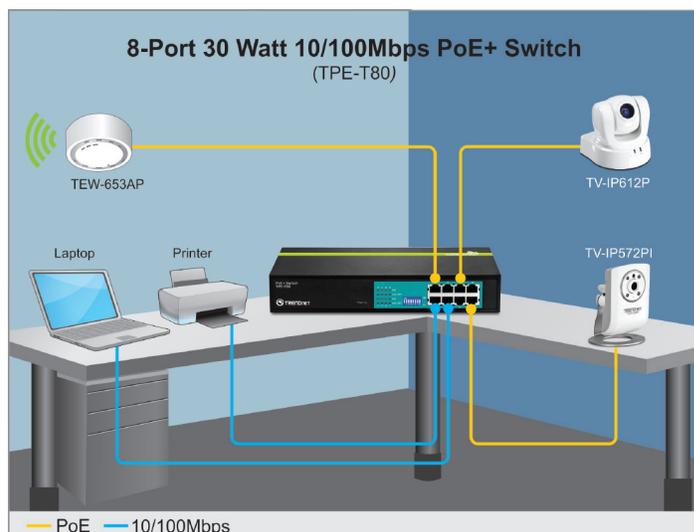## SPECIFICATIONS

HARDWARE	
Standard	• IEEE 802.3 10Base-T • IEEE 802.3u 100Base-TX • IEEE 802.3at Power over Ethernet (PoE+) • IEEE 802.3af Power over Ethernet (PoE) • IEEE 802.3x Flow Control
Ports	• 8 x 10/100Mbps Auto-MDIX PoE+ ports
PoE DIP Switches	• Individually turns PoE support on/off for each port
Data Transfer Rate	• Ethernet: 10/20Mbps (half/full duplex) • Fast Ethernet: 100/200Mbps (half/full duplex)
Data RAM Buffer	• 1.25Mbits
Address Table	• 4K MAC entries
Switch Fabric	• 1.6 Gbps
Power	• 90~260V AC 50/60Hz, internal universal switching power
Diagnostic LEDs	• Power, PoE, Link/Activity
Power Consumption	• Min: 4 Watts (standby) • Max: 250 Watts • PoE Max: 240 Watts (8 x 30 watts PoE devices connected)
Temperature	• Operating: 0° ~ 55°C (32° ~ 131°F) • Storage: -20° ~ 90°C (-4° ~ 194°F)
Humidity	• Max. 90% (non-condensing)
Dimensions	• 263 x 160 x 44 mm (10.4 x 6.3 x 1.73 in.)
Weight	• 1.8 kg (4 lbs.)
Certifications	• CE, FCC
PoE	
Power over Ethernet	• Up to 30 watts per port; PD classification • Polymer switch for short protection • PoE: pin 3,6 for power+ and pin 1,2 for power- (mode A)

NETWORKING SOLUTIONS

8-Port 30 Watt 10/100Mbps PoE+ Switch
(TPE-T80)

TEW-653AP
TV-IP612P
Laptop   Printer
TV-IP572PI
— PoE   — 10/100Mbps

PACKAGE CONTENTS

TPE-T80

Quick Installation Guide

Power cord

RELATED PRODUCTS

TV-IP612P	ProView PoE Pan/Tilt/Zoom Internet Camera
TPE-104S	Power over Ethernet (PoE) Splitter
TPE-T160	16-Port 30 Watt 10/100Mbps PoE+ Switch

CONTACT INFORMATION

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