



## 16-Port 30 Watt 10/100Mbps PoE+ Switch TPE-T160 (v1.0R)

TRENDnet's 16-Port 30 Watt 10/100Mbps PoE+ Switch, model TPE-T160, 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 3.2Gbps. LED indicators display device status for easy power management and troubleshooting. An internal power supply reduces clutter and a convenient on/off button is located on the back of the switch. Use this switch with TRENDnet PoE Splitters to install non-PoE devices in remote locations.

## PRODUCT OVERVIEW

- 30 watts per PoE+ port
- Up to 30 W per port with 480 W total power budget
- Reduces equipment cost by delivering data and power over existing network cables
- 16 x 10/100Mbps PoE+ ports
- 3.2 Gbps switching capacity
- Sturdy 1U 19" wide rack mountable metal enclosure
- 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)
- 16 x 10/100Mbps Auto-MDIX PoE+ ports
- Provides 30 watts per PoE port
- 3.2 Gbps switching fabric
- On/off power switch
- Full wire-speed non-blocking switching
- 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
- 500 watt Internal Power supply: AC input (90~260V/AC, 50~60Hz)
- Plug and Play
- Sturdy 1U 19" rack mountable metal enclosure
- 3-year limited warranty

# 16-Port 30 Watt 10/100Mbps PoE+ Switch

TPE-T160 [v1.0R]



## SPECIFICATIONS

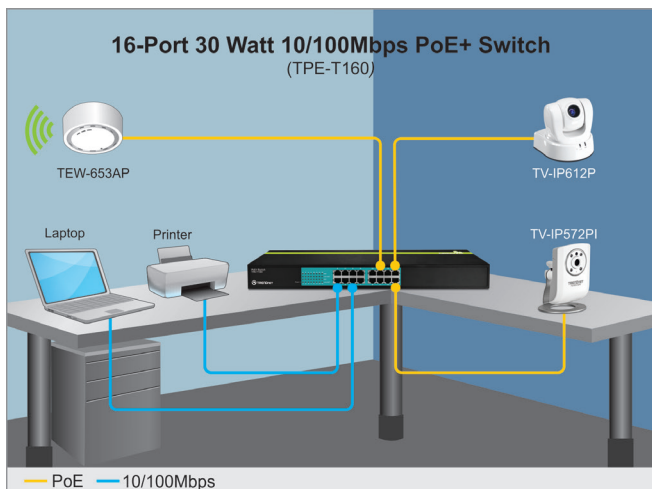
### HARDWARE

<b>Standard</b>	<ul style="list-style-type: none"><li>• IEEE 802.3 10Base-T</li><li>• IEEE 802.3u 100Base-TX</li><li>• IEEE 802.3at Power over Ethernet (PoE+)</li><li>• IEEE 802.3af Power over Ethernet (PoE)</li><li>• IEEE 802.3x Flow Control</li></ul>
<b>Ports</b>	<ul style="list-style-type: none"><li>• 16 x 10/100Mbps Auto-MDIX PoE+ ports</li></ul>
<b>Data Transfer Rate</b>	<ul style="list-style-type: none"><li>• Ethernet: 10/20Mbps (half/full duplex)</li><li>• Fast Ethernet: 100/200Mbps (half/full duplex)</li></ul>
<b>Data RAM Buffer</b>	<ul style="list-style-type: none"><li>• 1.25Mbits</li></ul>
<b>Address Table</b>	<ul style="list-style-type: none"><li>• 4K MAC entries</li></ul>
<b>Switch Fabric</b>	<ul style="list-style-type: none"><li>• 3.2 Gbps</li></ul>
<b>Power</b>	<ul style="list-style-type: none"><li>• 90~260V AC 50/60Hz, internal universal switching power</li></ul>
<b>Diagnostic LEDs</b>	<ul style="list-style-type: none"><li>• Power, PoE, Link/Activity</li></ul>
<b>Power Consumption</b>	<ul style="list-style-type: none"><li>• Min: 4 Watts (standby)</li><li>• Max: 500 Watts</li><li>• PoE Max: 480 Watts (16 x 30 watts PoE devices connected)</li></ul>
<b>Temperature</b>	<ul style="list-style-type: none"><li>• Operating: 0° ~ 40°C (32° ~ 104°F)</li><li>• Storage: -20° ~ 90°C (-4° ~ 194°F)</li></ul>
<b>Humidity</b>	<ul style="list-style-type: none"><li>• Max. 90% (non-condensing)</li></ul>
<b>Dimensions</b>	<ul style="list-style-type: none"><li>• 440 x 220 x 45 mm (17.3 x 8.7 x 1.8 in.)</li></ul>
<b>Weight</b>	<ul style="list-style-type: none"><li>• 4.5 kg (10 lbs.)</li></ul>
<b>Certifications</b>	<ul style="list-style-type: none"><li>• CE, FCC</li></ul>

### PoE

<b>Power over Ethernet</b>	<ul style="list-style-type: none"><li>• Up to 30 watts per port; PD classification</li><li>• Polymer switch for short protection</li><li>• PoE: pin 3,6 for power+ and pin 1,2 for power- (mode A)</li></ul>
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## NETWORKING SOLUTIONS



## PACKAGE CONTENTS

TPE-T160

Quick Installation Guide

Power cord

## RELATED PRODUCTS

<b>TV-IP612P</b>	ProView PoE Pan/Tilt/Zoom Internet Camera
<b>TPE-104S</b>	Power over Ethernet (PoE) Splitter
<b>TPE-T80</b>	8-Port 30 Watt 10/100Mbps PoE+ Switch

## CONTACT INFORMATION

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