



## 8-Port 10/100Mbps PoE Fast Ethernet Switch

### TPE-S44 (A2.1R)

TPE-S44 8-Port Switch integrates Power over Ethernet (PoE) and network management features into a cost effective and scalable solution. The TPE-S44 reduces equipment cost by delivering data and power over existing network cable infrastructure.

## FEATURES

- IEEE 802.3af Power over Ethernet (PoE) Standard Compliant
- 8 x 10/100Mbps Auto-Negotiation and Auto-MDIX Fast Ethernet RJ45 Ports
- Built-in 4 PoE Ports (Port 1 ~ Port 4)
- Supports PoE Power Maximum 15.4 watts for each POE port
- Supports PoE Powered Device(PD) classification identify
- Full Wire-Speed Non-Blocking Reception and Transmission
- Store and Forward Switching Method
- 96Kbytes RAM Data Buffer and 1K entries MAC Address Table
- Extensive Diagnostic LED's on the Front Panel
- IEEE 802.3x Flow Control for Full-Duplex Mode; Back Pressure Flow Control for Half-Duplex Mode
- 3-Year Warranty

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### SPECIFICATIONS

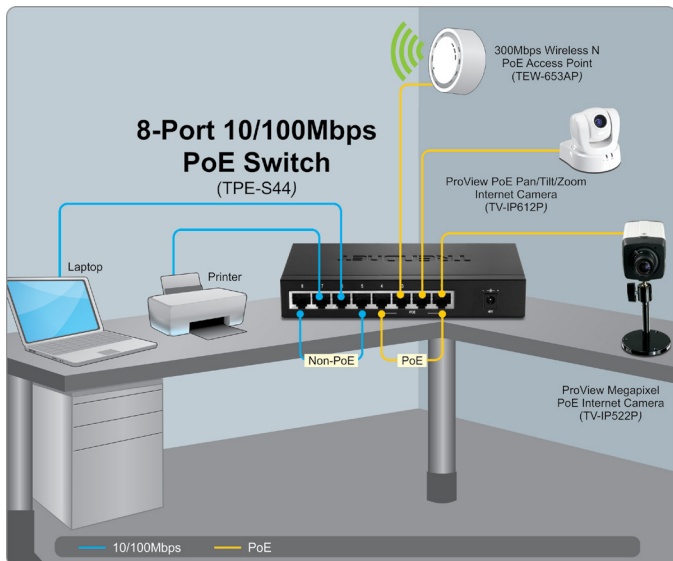
#### HARDWARE

<b>Standard</b>	<ul style="list-style-type: none"> <li>• IEEE 802.3 10Base-T</li> <li>• IEEE802.3u 100Base-TX</li> <li>• IEEE 802.3af Power over Ethernet</li> </ul>
<b>Network Media</b>	<ul style="list-style-type: none"> <li>• 10Mbps: Cat 3,4,5 Unshielded Cable</li> <li>• 100Mbps: Cat 5, 5E, 6 Unshielded Cable</li> </ul>
<b>Protocol / Topology</b>	<ul style="list-style-type: none"> <li>• CSMA/CD ; Star</li> </ul>
<b>Ports</b>	<ul style="list-style-type: none"> <li>• 4 x 10/100Mbps Auto-MDIX POE Ports (1~4)</li> <li>• 4 x 10/100Mbps Auto-MDIX Fast Ethernet Ports (5 ~8)</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>RAM Buffer / Filtering</b>	<ul style="list-style-type: none"> <li>• 96 Kbytes / 1K entry per device</li> </ul>
<b>Power</b>	<ul style="list-style-type: none"> <li>• 48V DC 1.25A External Power Adapter</li> </ul>
<b>Diagnostic LEDs</b>	<ul style="list-style-type: none"> <li>• Per Unit: Power, Power MAX</li> <li>• Per Port: Link/Activity, Speed</li> <li>• PoE: PoE Status, Link/Activity, Speed</li> </ul>
<b>Power Consumption</b>	<ul style="list-style-type: none"> <li>• 6.3 watts max (no PD Device connected)</li> <li>• 36.3 watts max (with 30w PoE Device connected)</li> </ul>
<b>Switch Fabric</b>	<ul style="list-style-type: none"> <li>• 1.6 Gbps forwarding capacity</li> </ul>
<b>Temperature</b>	<ul style="list-style-type: none"> <li>• Operating: 0° ~ 40° C (32° ~ 104°F)</li> <li>• Storage: -10° ~ 70° C (14° ~ 158°F)</li> </ul>
<b>Humidity</b>	<ul style="list-style-type: none"> <li>• 10%- 90% (non-condensing)</li> </ul>
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>• 171 x 98 x 29mm (6.7 x 3.7 x 1.1in.)</li> </ul>
<b>Weight</b>	<ul style="list-style-type: none"> <li>• 430g (13.8oz.)</li> </ul>
<b>Certification</b>	<ul style="list-style-type: none"> <li>• FCC, CE</li> </ul>

#### PoE

<b>Power over Ethernet</b>	<ul style="list-style-type: none"> <li>• Up to 15.4 watts per Port; PD classification Identify</li> <li>• PoE Over Current Protection; PoE Circuit Sorting Protection</li> <li>• PoE Power on RJ-45 pin 3,6 for Power+ and pin 1,2 for Power</li> </ul>
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### NETWORKING SOLUTIONS



### PACKAGE CONTENTS

TPE-S44
Multi-Language Quick Installation Guide
Power Adapter (48V DC, 1.25A)

### RELATED PRODUCTS

<b>TPE-111GI</b>	Gigabit Power over Ethernet (PoE) Injector
<b>TPE-112GS</b>	Gigabit Power over Ethernet (PoE) Splitter
<b>TPE-80WS</b>	8-Port Gigabit Web Smart PoE Switch
<b>TPE-224WS</b>	24-Port 10/100Mbps Web Smart PoE Switch with 4 Gigabit Ports and 2 Mini-GBIC Slots

### CONTACT INFORMATION



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