



16-Port 10/100Mbps Web Smart PoE Switch TPE-S88

TRENDnet's TPE-S88 16-port Smart Switch integrates Power over Ethernet (PoE) and network management features into a cost effective and scalable solution. The TPE-S88 reduces equipment cost by delivering data and power over existing network cable infrastructure. The TPE-S88 offers advanced network management features such as VLAN and QoS to meet today's secured network applications.

FEATURES

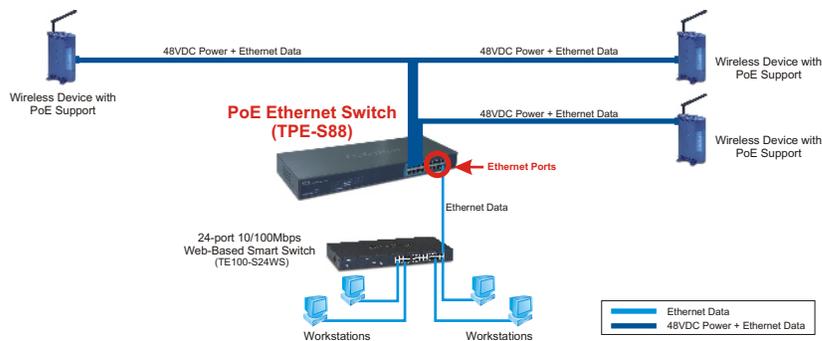
- IEEE 802.3af Power over Ethernet (PoE) Standard Compliant
- 16 x 10/100Mbps Auto-Negotiation and Auto-MDIX Fast Ethernet RJ45 Ports
- Built-in 8 PoE Ports (Port 1 ~ Port 8)
- Supports PoE Power Maximum 15.4 watts for each POE port
- Supports PoE Powered Device(PD) classification identify
- Full Wire-Speed Non-Blocking Reception and Transmission
- Store and Forward Switching Method
- 512K bytes RAM Data Buffer and 4K 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
- Proprietary Windows Based Management/Monitoring Utility (similar to SNMP Trap)
- Supports 802.1Q VLAN, Port-Based /IEEE 802.1p QoS
- Supports Port-Based Trunking (max. 4 groups on Port 9~16 only) and Port Mirroring
- Port Setting Function, Users can set each Port's Availability, Speed, Duplex Mode, and Flow Control
- Easy configuration via Web browser
- Standard 19" (1U) Rack-Mount size (kit included)
- 5-Year Warranty

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SPECIFICATIONS

| Hardware | |
|---------------------------|--|
| Standards | • IEEE 802.3 10Base-T • IEEE802.3u 100Base-TX • IEEE 802.3af Power over Ethernet |
| Network Media | • 10Mbps: Cat 3,4,5 Unshielded/Shielded/Screened Cable • 100Mbps: Cat 5, 5E, 6 Unshielded/Shielded/Screened Cable |
| Protocol / Topology | • CSMA/CD ; Star |
| Ports | • 8 x 10/100Mbps Auto-MDIX POE Ports (1~8) • 8 x 10/100Mbps Auto-MDIX Fast Ethernet Ports (9 ~16) |
| Data Transfer Rate | • Ethernet: 10/20Mbps (half/full duplex) • Fast Ethernet: 100/200Mbps (half/full duplex) |
| RAM Buffering / Filtering | • 512 K Bytes / 4K entry per device |
| Power | • 100~240VAC 50/60Hz, Internal Universal Switching Power |
| Diagnostic LEDs | • Per Unit: Power, System • Per Port: Link/Activity, Speed • PoE: PoE Status (Port 1~8) |
| Power Consumption | • 9 watts max (no PD Device connected) • 130 watts max (8 x 15.4 watts PoE Device connected) |
| Temperature | • Operating: 0 ° ~ 40 ° C (32 ° ~ 104 ° F) • Storage: -10 ° ~ 70 ° C (14 ° ~ 158 ° F) |
| Humidity | • 10%- 90% (non-condensing) |
| Dimensions (LxWxH) | • 440 x 210 x 44 mm (17.3 x 8.27x 1.73 inch) |
| Weights | • 3Kg (6.6 lb) |
| Certification | • FCC, CE |
| PoE | |
| Power over Ethernet | • Up to 15.4 watts per Port; PD classification Identify • PoE Over Current Protection; PoE Circuit Sorting Protection • PoE Power on RJ-45 pin 3,6 for Power+ and pin 1,2 for Power |

NETWORKING SOLUTIONS



PACKAGE CONTENTS

- TPE-S88
- Multi-Language User's Guide
- Web-Smart Utility CD-ROM
- Power Supply
- Rack Mount Kit

RELATED PRODUCTS

| | |
|----------|---|
| TPE-101I | Power over Ethernet (PoE) Injector |
| TPE-102S | Power over Ethernet (PoE) Splitter |
| TPE-S88 | 16-Port 10/100Mbps Web Smart PoE Switch |

ORDERING INFORMATION

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