MEDIAnet

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

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

SPECIFICATIONS

Standard:
• 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

Diagnostic LEDs:
• Per Unit: Power, System
• Per Port: Link/Activity, Speed
• PoE: PoE Status (Port 1~8)

Power:
• 100~240VAC 50/60Hz, Internal Universal Switching Power

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 (WxHxD):
• 440 x 210 x 44 mm (17.3 x 8.27x 1.73 inch)

Weight:
• 3Kg (6.6 lb)
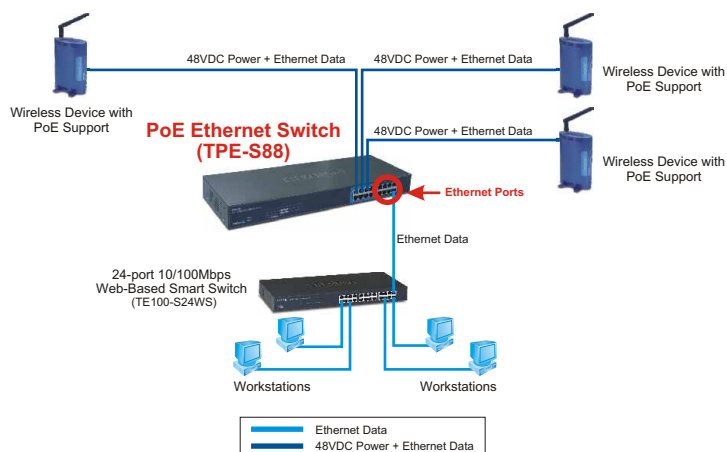
Certifications:
• FCC, CE

ISO9001 C E

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

48VDC Power + Ethernet Data
48VDC Power + Ethernet Data
48VDC Power + Ethernet Data

Wireless Device with PoE Support
Wireless Device with PoE Support
Wireless Device with PoE Support

PoE Ethernet Switch (TPE-S88)
Ethernet Ports

Ethernet Data

24-port 10/100Mbps Web-Based Smart Switch (TE100-S24WS)

Workstations   Workstations

Ethernet Data
48VDC Power + Ethernet Data

RELATED PRODUCT

TPE-101I: Power over Ethernet (PoE) Injector

TPE-102S: Power over Ethernet (PoE) Splitter

ORDERING INFORMATION

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