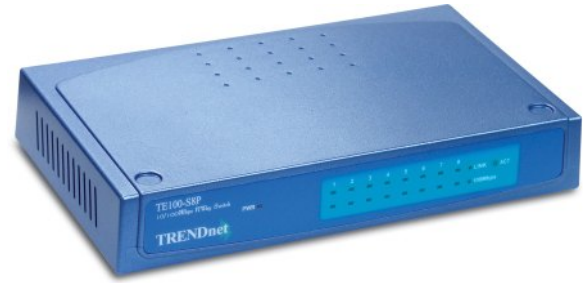




TE100-S8P

8-port 10/100Mbps Auto-MDIX Fast Ethernet Mini Switch

TRENDnet's TE100-S8P, 8-port, palm-sized 10/100Mbps Fast Ethernet Switch, presents the perfect choice for small workgroups for any desktop space. It allows users to simply plug any port to either a 10Mbps or 100Mbps network to multiply bandwidth, boost response time and satisfy heavy load demands. The RJ-45 ports automatically negotiate between 10Base-T and 100Base-TX network speeds, half- and full-duplex modes, and MDI-II and MDI-X media types. TE100-S8P is truly a Plug-n-Play device, which provides cost-effective and high-performance solutions.



FEATURES

- Compliant with IEEE 802.3 and IEEE 802.3u standards
- 8-port 10/100Mbps connection speed auto-detection
- Half- or Full-Duplex operation for each port
- Auto-MDIX media type detection; easy uplink with any port
- Non-blocking wire-speed reception and transmission and non-head-of-line-blocking forwarding
- Store-and-forward switching method
- Supports IEEE802.3x full duplex flow control and back pressure half duplex flow control
- Build-in high efficiency 96KB SRAM for packet buffer and 2K MAC address table
- Comprehensive LED indicators for port status
- Wall-Mountable light-weight plastic housing
- 5-year Warranty

BENEFITS

- **Easy Installation:**
Designed to link 10Mbps and 100Mbps with 8 ports for easy connections.
- **Flexibility:**
NWay ports auto-negotiate between 10Base-T and 100Base-TX, as well as between half- and full-duplex modes. Auto-MDIX for each port; connects to regular RJ-45 port or Uplink port with either regular "straight through" or crossover RJ-45 cable.
- **Expandability:**
All ports support 200Mbps (in full-duplex mode), expandable from any port and for any number of Switches.
- **Easy Migration:**
Easy upgrade to Fast Ethernet without reconfiguring existing network.
- **Dependability:**
Parallel store-and-forward architecture allows direct transfer.

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SPECIFICATIONS

Standards:

- IEEE 802.3 for 10Base-T Ethernet, IEEE 802.3u for 100Base-TX Fast Ethernet. ANSI/IEEE 802.3 NWay auto-negotiation

Data Transfer Rate:

- 10/100Mbps (20/200Mbps in full-duplex mode)

Protocol:

- CSMA/CD

Connectors:

- 8 UTP/STP RJ-45 Auto-MDIX

Network Media:

- UTP EIA/TIA-568 CAT 3, 4, 5 (100 meters max.) for 10Base-T
• UTP EIA/TIA-568 CAT 5 (100 meters max.) for 100Base-TX

Packet Forwarding Rate:

- 10Base-T: 14,880pps per port (half-duplex) 100Base-TX:
148,800pps per port (half-duplex)

Topology:

- Star

Diagnostic LEDs:

- Power, Link/Activity, 100Mbps

Power:

- External power supply, 7.5V, 1A. 4 Watts max.

Dimensions:

- 171 x 99.8 x 31 mm (6.73 x 3.92 x 1.22 inches)

Weight:

- Appr. 269 g (9.5 oz.)

Temperature:

- Operating 0° ~ 40° C (32° ~ 104° F)
• Storage: -10° ~ 70° C (14° ~ 158° F)

Humidity:

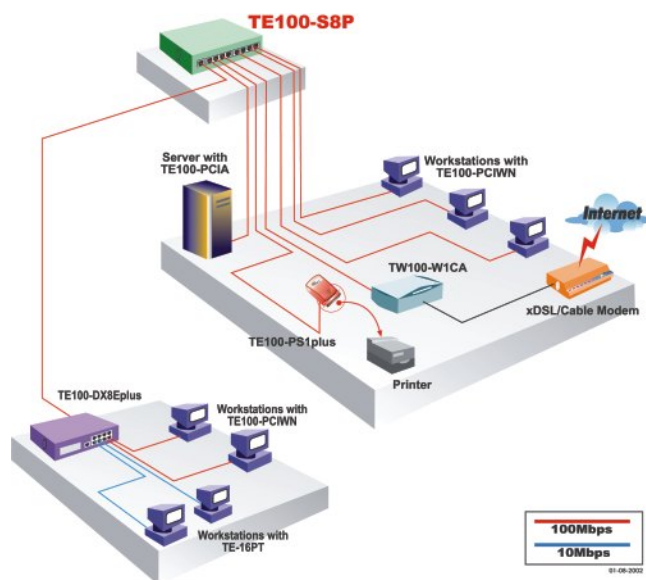
- Operating: 10 % ~ 90 % RH
• Storage: 5 % ~ 90 % RH

Certifications:

- FCC, CE, VCCI-B



NETWORKING SOLUTIONS



To Order Please Call:
1-888-326-6061

PRODUCT INFORMATION

→ **TE100-S8P:**
8-port 10/100Mbps Auto-MDIX Fast Ethernet Mini Switch

→ **TE100-S5Pplus:**
5-port 10/100Mbps Auto-MDIX Fast Ethernet Mini Switch

ORDERING INFORMATION

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