SWITCHES

TRENDnet ®
TRENDware, USA
What's Next in Networking

TE100-S5P
5-port 10/100Mbps NWay Auto-MDI Fast Ethernet Mini Switch

TRENDnet's TE100-S5P, 5-port, palm-sized 10/100Mbps NWay 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 NWay 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-S5P is truly a Plug-N-Play device, which provides cost-effective and high-performance solutions.

FEATURES

- Compliant with IEEE 802.3 and IEEE 802.3µ standards

- 5-port NWay 10/100Mbps connection speed auto-detection

- Half- or Full-Duplex operation for each port

- Auto-MDI-II / MDI-X media type detection

- Operates at maximum packet filtering and forwarding rate

- Store-and-forward switching method

- 128KB buffer memory

- Address table up to 4K MAC address

- Compact design with external power adapter

- Comprehensive LED indicators for port status

- Wall-Mountable with two magnets on the bottom for mounting on ferrous surface

- 5-year Warranty

BENEFITS

- **Easy Installation:**
  Designed to link 10Mbps and 100Mbps with 5 ports for an easy connection.

- **Flexibility:**
  NWay ports auto-negotiate between 10Base-T and 100Base-TX, as well as between half- and full-duplex modes. Auto-MDI for each port; connects to regular RJ45 port or Uplink port with either regular "straight through" or crossover RJ45 cable.

- **Expandability:**
  All ports support 200Mbps (in full-duplex mode), expanding from any port and for any number of Switches.

- **Easy Migration:**
  Easy upgrade to Fast Ethernet without reconfiguration.

- **Dependability:**
  Parallel store-and-forward architecture allows direct transfer.

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SPECIFICATIONS

Standards:
- IEEE 802.3 for 10Base-T Ethernet
- IEEE 802.3µ for 100Base-TX Fast Ethernet
- ANSI/IEEE 802.3µ N-way auto-negotiation

Data Transfer Rate:
- 10/100Mbps (20/200Mbps in full-duplex mode)

Protocol:
- CSMA/CD

Connectors:
- 5 UTP/STP RJ-45 Auto-MDI

Network Media:
- UTP CAT 3, 4, 5 (100m) for 10Base-T
- EIA/TIA-568 100-ohm STP (100m) for 10Base-T/100Base-TX
- UTP CAT 5 (100m) for 100Base-TX

Packet Forwarding Rate:
- 10Base-T: 14,880 ppp per port (half-duplex)
- 100Base-TX/100Base-FX: 148,800 pps per port (half-duplex)

Topology:
- Star

Diagnostic LEDs:
- Power, 100Mbps, Link/Activity, Collision/Full-duplex

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

Dimensions:
- 116 x 70 x 25 mm (4.57 x 2.8 x 0.98 inches)

Weight:
- 199 g (7 oz.)

Temperature:
- Operating: 0° to 50° C (32° F to 122° F)
- Storage: -10° to 70° C (14° F to 158° F)
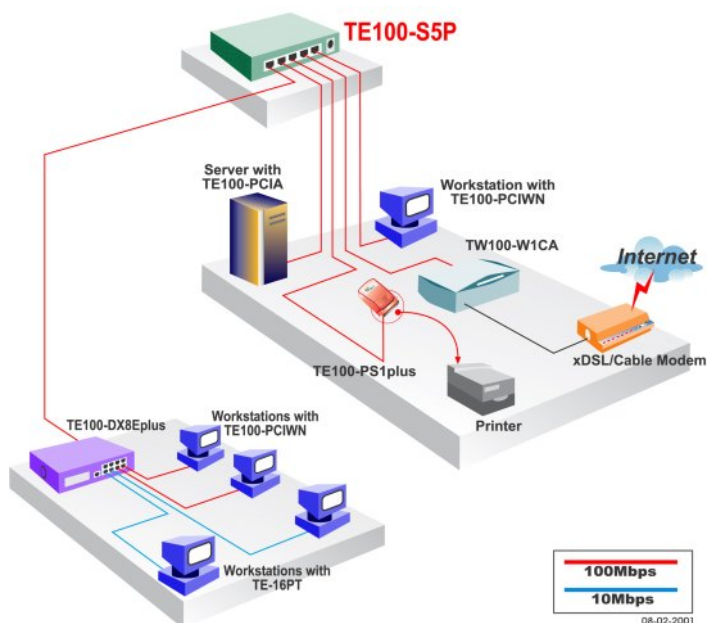
Humidity:
- Operating: 10 % to 90 % RH
- Storage: 5 % to 90 % RH

Certifications:
- FCC, UL, CE, CSA, C-tick, VCCI

ISO9001   FC   UL   CE   SA   VCI

NETWORKING SOLUTIONS

TE100-S5P
Server with TE100-PCIA
Workstation with TE100-PCIWN
TW100-W1CA
Internet
TE100-PS1plus
xDSL/Cable Modem
Printer
TE100-DX8Eplus
Workstations with TE100-PCIWN
Workstations with TE-16PT
100Mbps
10Mbps
08-02-2001

PRODUCT INFORMATION

TE100-S5P
5-port 10/100Mbps NWay Auto-MDI Fast Ethernet Mini Switch

TE100-S8P
8-port 10/100Mbps NWay Fast Ethernet Mini Switch

ORDERING INFORMATION

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