TE100-S5Pplus
5-Port 10/100Mbps Auto-MDIX Fast Ethernet Mini Switch

TRENDnet's TE100-S5Pplus, 5-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 network 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-S5Pplus 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 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 64KB SRAM for packet buffer and 1K MAC addresses table
- Comprehensive LED indicators for port status
- Wall-Mountable light-weigh plastic housing
- 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-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), 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 802.3 Nway auto-negotiation

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

Protocol:
- CSMA/CD

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

Network Media:
- 10Mbps: UTP/STP Cat. 3, 4, 5 EIA/TIA-568, 100 ohm, 100 meters max.
- 100Mbps: UTP/STP Cat. 5 EIA/TIA-568, 100 ohm, 100 meters max.

Data Transfer Rate:
- Ethernet: 10Mbps (half-duplex); 20Mbps (full-duplex)
- Fast Ethernet: 100Mbps (half-duplex); 200Mbps (full-duplex)

Topology:
- Star

Diagnostic LEDs:
- Power, Link/Activity

Power:
- External power supply, 7.5V, 1A. 2.5 Watts (max.)

Dimensions:
- 125 x 65 x 30 mm (4.9 x 2.55 x 1.1 inches)

Weight:
- 117 g (4 oz.)

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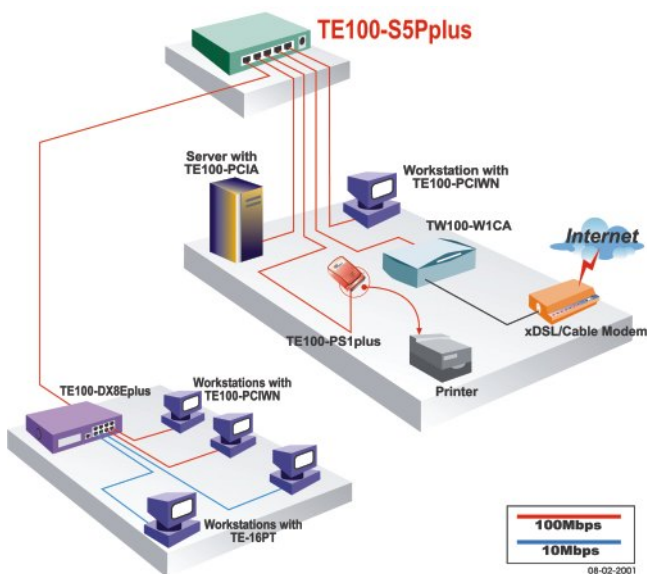- Storage: -10° ~ 70° C (14° ~ 158° F)

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

Certifications:
- FCC, CE, VCCI-B

ISO9001 FC CE VCI

NETWORKING SOLUTIONS

TE100-S5Pplus

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

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

ORDERING INFORMATION

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