TRENDnet®

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

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 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 802.3μ standards
- 8 10/100Mbps Auto-Negotiation and Auto-MDIX Fast Ethernet Ports
- Half or Full Duplex Operation for Each Port
- Operates at Maximum Packet Filtering and Forwarding Rate
- Store and Forward Switching Method
- 256KB Buffer memory
- Address Table up to 8K MAC Address
- Compact Design with External Power Adapter
- Comprehensive LED indicators for Port Status
- Stackable Design with Stacking Kit included
- 5-Year warranty

BENEFITS

Easy Installation:
Designed to link 10Mbps and 100Mbps networks

Flexibility:
Auto-Negotiation and Auto-MDIX Ports for Easy Uplink

Expandability:
All ports support 200Mbps (in full-duplex mode), expand-able 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
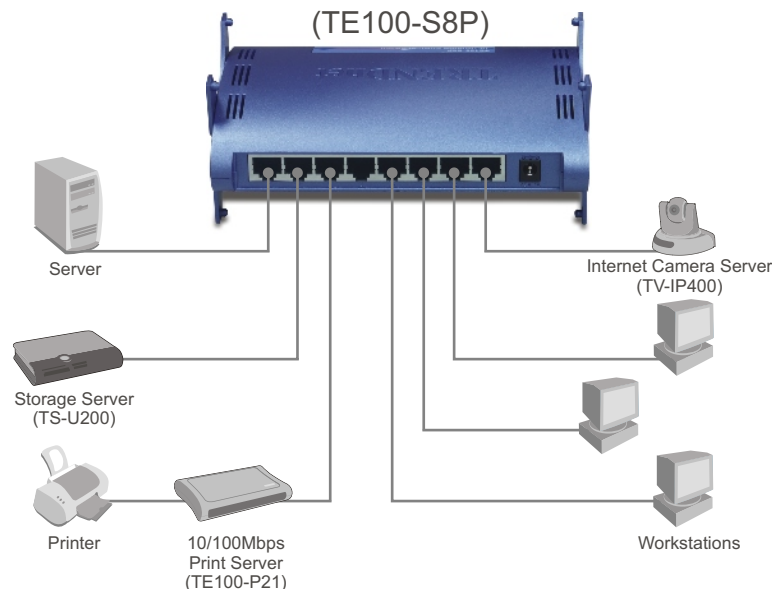
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SPECIFICATIONS

Hardware	
Standards	• IEEE 802.3 for 10Base-T Ethernet, IEEE 802.3µ for 100Base-TX Fast Ethernet, ANSI/IEEE 802.3 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 (max. 100m) for 10Base-T • UTP EIA/TIA-568 CAT 5 (max. 100m) 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 Consumption: 2 watts (max)
Dimensions	• 165 x 114 x 44 mm (6.5 x 4.5 x 1.7 inches)
Weight	• 236g (0.52lb)
Temperature	• Operating 0°~ 40°C (32°~ 104°F) • Storage: -10°~ 70°C (14°~ 158°F)
Humidity	• Operating: 10% to 90% RH • Storage: 5% to 90% RH
Certifications	• FCC, CE

NETWORKING SOLUTIONS

8-Port 10/100Mbps Fast Ethernet Switch
(TE100-S8P)

Server

Storage Server (TS-U200)

Printer

10/100Mbps Print Server (TE100-P21)

Internet Camera Server (TV-IP400)

Workstations

RELATED PRODUCTS

TE100-S8P	8-Port 10/100Mbps Auto-MDIX Fast Ethernet Mini Switch
TE100-S5P plus	5-Port 10/100Mbps Auto-MDIX Fast Ethernet Mini Switch

ORDERING INFORMATION

TRENDNET

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