



TE100-S88Eplus **8-Port 10/100Mbps N-Way Mini Ethernet Switch**

TRENDnet's TE100-S88Eplus, 8-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-S88Eplus 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 NWay 10/100Mbps connection speed auto-detection
- Half- or Full-Duplex operation for each port
- Auto-MDI media type detection
- 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
- Wall-Mountable
- 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.

TE100-S88Eplus

8-Port 10/100Mbps N-Way Mini Ethernet Switch

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-MDI

Network Media:

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

Packet Forwarding Rate:

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

Topology:

- Star

Diagnostic LEDs:

- Power, 10/100M Link/Activity, Collision/Full-duplex

Power:

- External power supply, 7.5V, 1A, max. 4.5 Watts

Dimensions:

- 171 x 98 x 29 mm (6.73 x 3.86 x 1.14 inches)

Weight:

- Appr. 454 g (16 oz.)

Temperature:

- Operating: 0° to 50° C (32° F to 122° F)
- Storage: -10° to 70° C (14° F to 158° F)

Humidity:

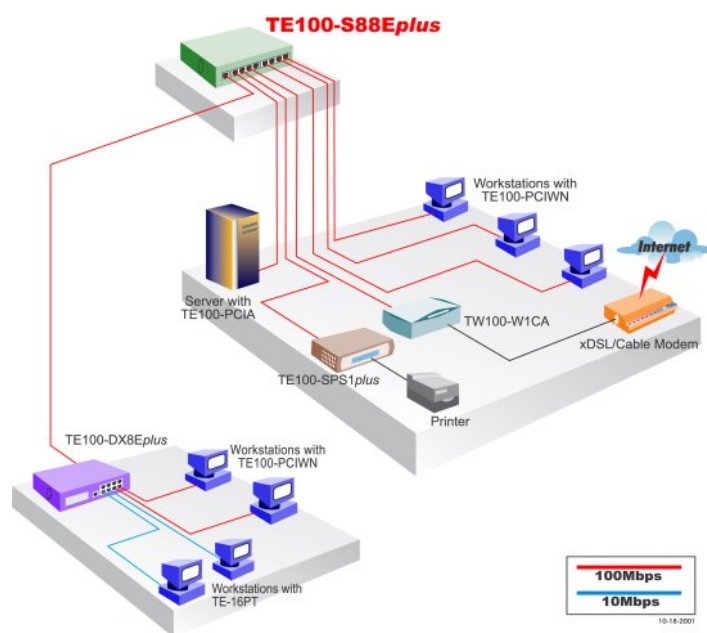
- Operating: 10 % to 90 % RH
- Storage: 5 % to 90 % RH

Certifications:

- FCC, UL, CE, VCCI



NETWORKING SOLUTIONS



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

PRODUCT INFORMATION

- **TE100-S88Eplus:** 8-port 10/100Mbps NWay Auto-MDI Fast Ethernet Mini Switch
- **TE100-S55Eplus:** 5-port 10/100Mbps NWay Auto-MDI Fast Ethernet Mini Switch
- **TE100-S16E:** 16-port 10/100Mbps NWay Fast Ethernet Mini Switch

ORDERING INFORMATION

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