



## TE100-S88E 8-Port 10/100Mbps N-Way Ethernet Switch

TRENDnet's TE100-S88E, 8-port palm-sized 10/100Mbps N-way Ethernet Switch, present the perfect choice for small workgroups for any desktop space. They allow users to simply plug any port to either a 10Mbps or 100Mbps network to multiply bandwidth, boost response time and satisfy heavy load demands. With 8 ports readily available, The TE100-S88E is easy to install and expand. The N-way ports automatically negotiate between 10Base-T and 100Base-TX network speeds, as well as between half- and full-duplex modes. Thus, any port is capable of uplinking to Fast Ethernet or downlinking to Ethernet. The TE100-S88E provide cost-effective, and high-performance solutions.



### FEATURES

- Compliant with IEEE 802.3 and IEEE 802.3u standards
- 8-port N-way 10/100M auto-detection
- 1 uplink/MDI-II connector for easy expansion (shares with port 1)
- Half- or full-duplex for each port
- Operates at maximum packet filtering and forwarding rate
- Supports for store-and-forward of packet switching
- 256KB RAM buffer memory
- Filtering Address Table up to 8K entries (per device)
- Compact design for external power adapter
- Comprehensive LED indications for port status
- Network looped detecting
- 5 Year Warranty

### BENEFITS

- **Flexible:**  
Connects both 10Mbps and 100Mbps segments to one network.
- **Performance:**  
All ports are full-duplex which double network speed.
- **Easy-To-Use:**  
Built-in address self-learning technology.
- **Reliable:**  
Store-and-Forward Ethernet packet switching provides low latency and high data integrity.
- **Compatible:**  
Complies with 10Base-T, IEEE802.3 and 100Base-TX, IEEE802.3u standards



# TE100-S88E

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

### SPECIFICATIONS

#### Standards:

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

#### Data Transfer Rate:

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

#### Protocol:

- CSMA/CD

#### Connectors:

- 8 UTP/STP RJ-45

#### 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, Link/Activity, Collision/Full-duplex, and 10/100Mbps status

#### Power:

- External power supply  
(Max. power consumption: 18 W)

#### Dimensions:

- 171 x 98 x 28 mm (6.73 x 3.86 x 1.14 inches)

#### Weight:

- 460 g (1.01 lbs.)

#### Temperature:

- Operating: 0° to 50° C
- Storage: -20° to 70° C

#### Humidity:

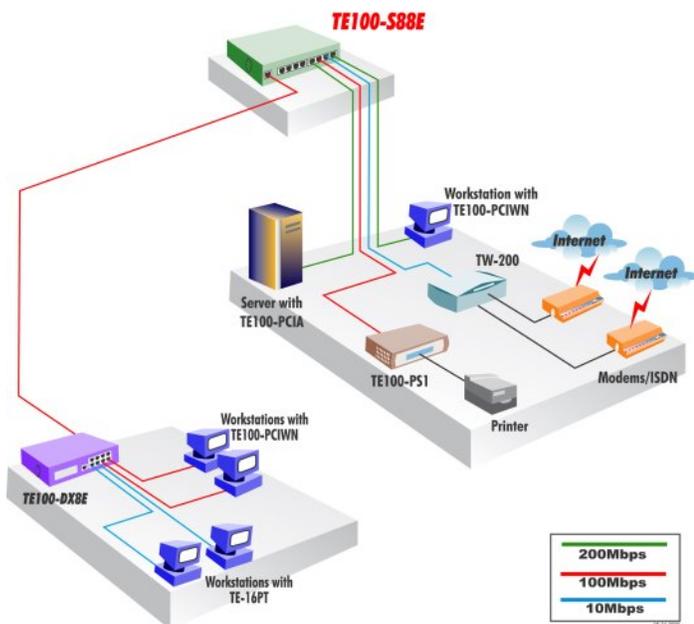
- Operating: 10% to 90% RH
- Storage: 5% to 90% RH

#### Certifications:

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



### NETWORKING SOLUTIONS



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

### PRODUCT INFORMATION

- **TE100-S55E:** 5-port 10/100Mbps N-way Ethernet Mini Switch
- **TE100-S55Eplus:** 5-port 10/100Mbps N-Way Ethernet Mini Switch
- **TE100-S88E:** 8-port 10/100Mbps N-way Ethernet Mini Switch
- **TE100-S88:** 8-port 10/100Mbps N-way Ethernet Switch
- **TE100-S1616:** 16-port 10/100Mbps N-way Ethernet Switch
- **TE100-S2424:** 24-port 10/100Mbps N-way Ethernet Switch

### ORDERING INFORMATION

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