GIGABIT

TEG-S18TX
9-Port 10/100/1000Mbps NWay Copper Gigabit Switch

TRENDnet's TEG-S18TX 9-Port NWay Copper Gigabit Switch consists of one 10/100/1000Mbps Copper Gigabit port and eight 10/100Mbps Fast Ethernet ports with all ports delivering auto-sense connection speed and duplex mode. Users can connect a Gigabit Server to the Gigabit port to increase network performance or uplink two Copper Gigabit Switches together to create a high-bandwidth Gigabit backbone. TRENDnet's TEG-S18TX provides simple migration, scalability, and flexibility to handle new applications and data types making it a highly reliable and cost effective solution for high-speed network connectivity.
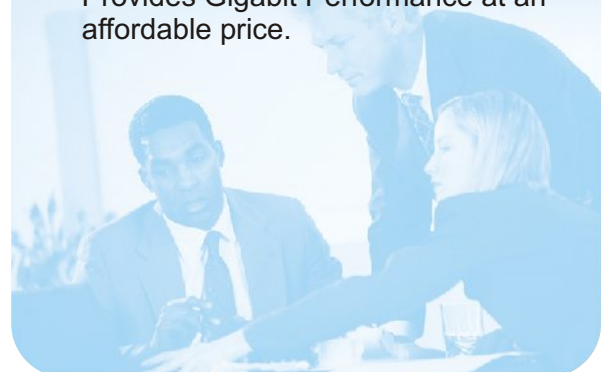
FEATURES

- One 10/100/1000Mbps NWay Gigabit Port

- Eight 10/100Mbps NWay Fast Ethernet Ports

- Full/Half Duplex transfer mode for each 10/100Mbps ports

- Full Duplex transfer mode for 1000Mbps Gigabit Port

- Supports store and forward architecture, performs non-blocking full wire speed

- 802.3x flow control for full duplex and collision-based back-pressure function for half duplex operation

- 4K active MAC address entry table per device with automatic learning and aging

- Built-in 2Mbit SRAM Buffer

- Broadcast storm filtering

- MDI-II uplink port (shares with port 8) for easy expansion

- Auto MDI-II/MDI-X for 1000Mbps Gigabit port

- HTTP, SMTP, and ICQ traffic indication LEDs

- Extensive front-panel diagnostic LEDs

- Optional 19" Rack mount kit available

- 5 Year Warranty

BENEFITS

Performance:
Provides 1000Mbps Gigabit connection to Power Server or another Gigabit Switch, with each port running at full wire speed.

Flexibility:
Connects to 10Base-T, 100Base-TX, and 1000Base-T Networks.

Expandability:
Simple expansion can be done by uplinking to other 10/100Mbps Switches or another Gigabit Switch.

Cost Effectiveness:
Provides Gigabit Performance at an affordable price.

TEG-S18TX
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SPECIFICATIONS

Standards:
- IEEE 802.3 10Base-T Ethernet, IEEE 802.3u 100Base-TX Fast Ethernet, IEEE 802.3ab 1000Base-TX Gigabit Ethernet, ANSI/IEEE 802.3 NWay Auto-Negotiation, IEEE 802.3x Flow Control

Data Transfer Rate:
- Ethernet: 10Mbps (Half-Duplex), 20Mbps (Full-Duplex)
- Fast Ethernet: 100mbps (Half-Duplex), 200Mbps (Full-Duplex)
- Gigabit Ethernet: 1000Mbps (Half-Duplex), 2000Mbps (Full-Duplex)

Protocol:
- CSMA/CD

Topology:
- Star

Cabling:
- Ethernet: 2-pair UTP CAT 3,4,5, EIA.ITA-568 100-ohm screened twisted pair (STP)
- Fast Ethernet: 2-pair UTP CAT 5, EIA/TIA-568 100ohm screened twisted pair (STP)
- Gigabit Ethernet: 4-pair UTP CAT 5, EIA/TIA-568 100-ohm screened twisted pair (STP)

Data RAM Buffers:
- 2Mbit per Device

Filtering Address Table:
- 4K entries per device

Diagnostic LEDs:
- Power, ALERT, HTTP, ICQ, SMTP, Speed, Link/Act, FDX/COL

Power Consumption:
- 100~240 VAC 50/60hz, 30W (max) Internal Universal Power Supply

Dimensions:
- 280 x 180 x 44mm (W x H x D)

Weight:
- 1.66 kg (3.65 lb)

Temperature:
- Operating: 0° to 50° C (32° to 122° F)
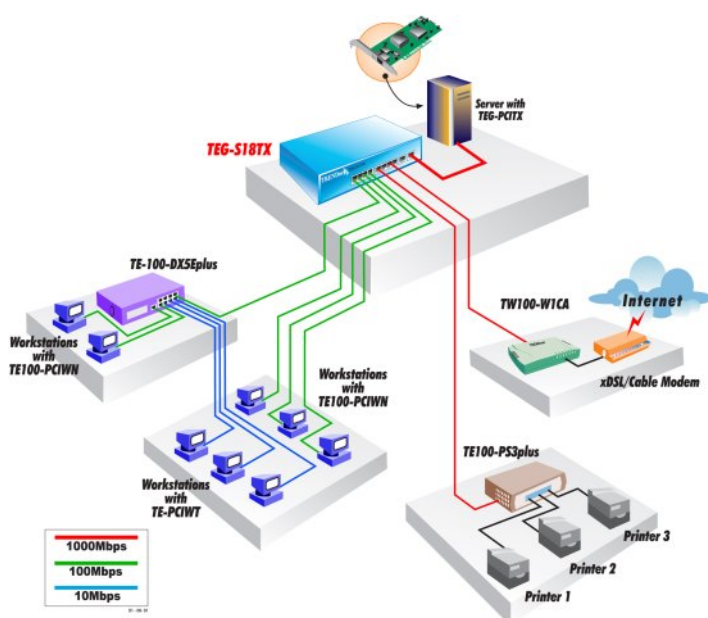- Storage: -5° to 55° C (23° to 131° F)

Humidity:
- 5 % to 95 % non-condensing

Certifications:
- FCC Class A, CE Class B, VCCI-A

ISO9001   FC   CE   VCI

NETWORKING SOLUTIONS

PRODUCT INFORMATION

TEG-S224TX: 26-port 10/100/1000Mbps NWay Copper Gigabit Switch

TEG-S80TX: 8-port 10/100/1000Mbps NWay Copper Gigabit Switch

TEG-S18TX: 9-port 10/100/1000Mbps NWay Copper Gigabit Switch

TEG-PCITX: 32-Bit PCI 10/100/1000Mbps NWay Copper Gigabit Ethernet Card

TEG-PCITX2: 32/64-Bit PCI 10/100/1000Mbps NWay Copper Gigabit Ethernet Card

ETH-800I: EIA-19" Rack-Mount Kit for TEG-S18TX

ORDERING INFORMATION

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