



## **TEG-S240TX** **24-Port 10/100/1000Mbps Copper Gigabit Switch**

TRENDnet's TEG-S240TX is a high performance 24-port rack mountable Copper Gigabit Switch. With auto-negotiation technology, the TEG-S240TX automatically negotiates between 10Base-T, 100Base-TX and 1000Base-T network speeds, as well as half and full duplex modes. The Auto-MDIX feature on each port automatically detects and adjusts connection type with either straight-through or crossover cable. Providing simple migration, scalability, and flexibility to handle new applications and data types, TRENDnet's TEG-S240TX is a highly reliable and cost effective solution for high-speed network applications.



### **FEATURES**

- 24 10/100/1000Mbps Auto Negotiation and Auto-MDIX Ethernet Ports
- Full/Half duplex transfer mode for each port (full duplex mode for 1000Base-T only)
- Store and Forward switching method
- 20Gbps Backplane
- Integrated address Look-Up Engine, supports 32k absolute MAC Address
- Supports 2 Mbytes RAM for data buffering
- Extensive Front Panel Diagnostic LEDs
- Broadcast Storm protection
- IEEE 802.3x flow control for full-duplex
- Back Pressure flow control for half-duplex
- Standard 19" rack-mount size
- 5-year Warranty

### **BENEFITS**

- **Performance:**  
Top performance for gigabit network solutions.
- **Easy Upgrade:**  
Current Ethernet workgroups are able to upgrade to Fast Ethernet by changing adapters and hubs without changing switches.
- **Flexibility:**  
All ports automatically negotiate 10/100/1000 Mbps network speed, half/full-duplex mode, and Auto-MDIX; easy uplink with any port.
- **Cost Effective:**  
Provide 10/100/1000Mbps of Fast Ethernet at an affordable rate.



# TEG-S240TX

## 24-Port 10/100/1000Mbps Copper Gigabit Switch

### SPECIFICATIONS

#### LAN Standards:

- IEEE 802.3 10Base-T, 802.3u 100Base-TX and 802.3ab 1000Base-T

#### Cabling:

- Ethernet: Cat. 3, 4, 5, UTP/STP, EIA/TIA-568 100 ohm, 100 meters max.
- Fast Ethernet: Cat. 5, UTP/STP, EIA/TIA-568 100 ohm, 100 meters max.
- Gigabit Ethernet: Cat.5 or better, UTP/STP, EIA/TIA-568 100ohm, 100 meters max.

#### Protocol:

- CSMA/CD

#### Topology:

- Star

#### Data Transfer Rates:

- Ethernet: 10Mbps (Half-Duplex), 20Mbps (Full-Duplex)
- Fast Ethernet: 100Mbps (Half-Duplex), 200Mbps (Full-Duplex)
- Gigabit Ethernet: 2000Mbps (Full-Duplex)

#### Data RAM Buffers:

- 2MB per device

#### Filtering Address Table:

- 32K entries per device

#### Diagnostic LEDs:

- Power, Link/Act, 1000M, 100M

#### Power Consumption:

- 100~240VAC 50/60Hz, Internal Universal Switching Power, 55 Watts. Max.

#### Dimensions:

- 440 x 210 x 44 mm (17.3 x 8.27x 1.73 inch) (W x H x D)

#### Weight:

- 3Kg (6.6 lb)

#### Temperature:

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

#### Humidity:

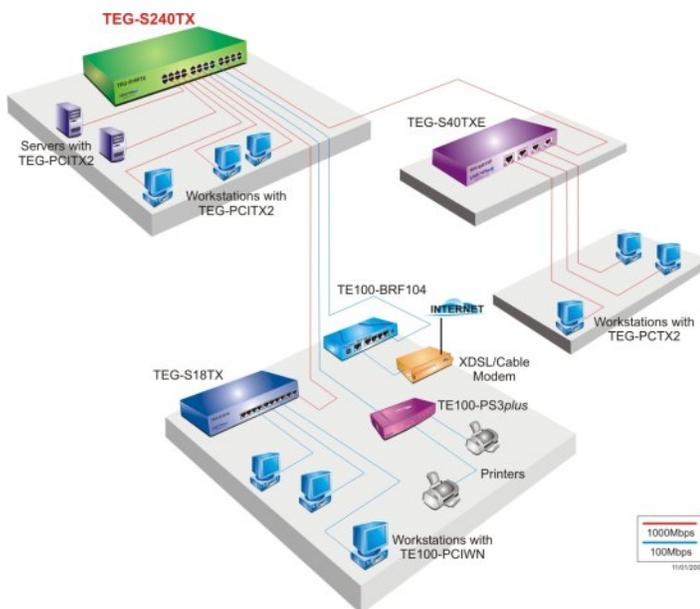
- 10% ~ 90% (non-condensing)

#### Certifications:

- FCC, CE



### NETWORKING SOLUTIONS



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

### PRODUCT INFORMATION

- TEG-S160TX: 16-port 10/100/1000Mbps Copper Gigabit Switch (Rack Mount)
- TEG-S240TX: 24-port 10/100/1000Mbps Copper Gigabit Switch (Rack Mount)
- TEG-S80TXD: 8-port 10/100/1000Mbps Copper Gigabit Switch
- TEG-S40TXD: 4-port 10/100/1000Mbps Copper Gigabit Switch
- TEG-S18TX: 9-port (8x 10/100 1x1000Mbps) Copper Gigabit Switch
- TEG-PCITX2: 10/100/1000Mbps 32/64bit Gigabit Ethernet Copper Adapter

### ORDERING INFORMATION

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