TRENDnet®

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

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:
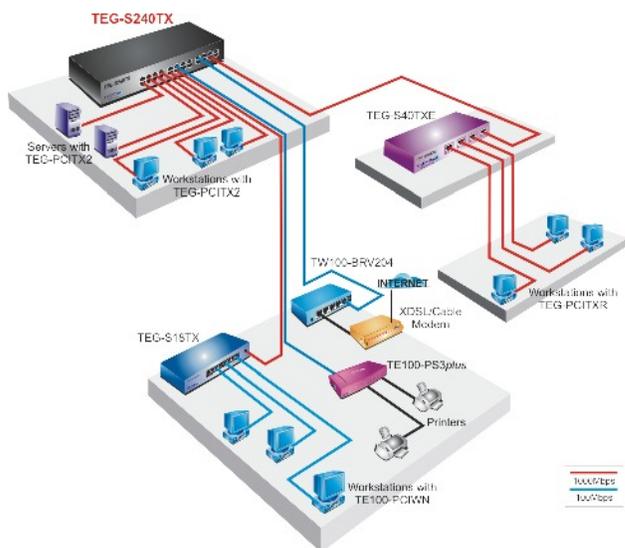Provide 10/100/1000Mbps of Fast Ethernet at an affordable rate.

SPECIFICATIONS

Hardware	
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 Rate	• 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 (W x H x D)	• 440 x 210 x 44 mm (17.3 x 8.27x 1.73 inch) (W x H x D)
Weights	• 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

RELATED PRODUCTS

TEG-S160TX	16-Port 10/100/1000Mbps Copper Gigabit Switch
TEG-S80TXD	8-Port 10/100/1000Mbps Copper Gigabit Ethernet Switch
TEG-S40TXD	4-Port 10/100/1000Mbps Copper Gigabit Ethernet Switch

ORDERING INFORMATION

TRENDNET

3135 Kashiwa Street,Torrance, CA 90505 USA
Tel: 1-310-891-1100
Fax: 1-310-891-1111
Web: www.trendnet.com
Email: sales@trendnet.com

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