SWITCHES

TE100-S24
24-Port 10/100Mbps NWay Fast Ethernet Switch

TRENDnet's TE100-S24 is a high performance, auto-sensing 24-port NWay rack-mountable Fast Ethernet Switch. It is designed to eliminate unnecessary traffic and relieve congestion on critical network paths. With 10/100Mbps NWay technology, the TE100-S24 automatically negotiates between 10Base-T and 100Base-TX network speeds, as well as half and full duplex modes. The auto MDI-II/MDI-X detection on each port automatically detects and corrects for crossover connection and allows direct switch-to-switch or switch-to-hub connection for your networking needs.

FEATURES

- 24 10/100Mbps NWay Auto MDI-II/MDI-X ports

- Integrate address Look-Up Engine, supports up to 8K absolute MAC address

- 2.5Mb internal RAM for frame buffering

- Full/half duplex transfer mode for each port

- Wire-speed filtering/forwarding rates

- IEEE 802.3x flow control for full-duplex mode

- Back pressure flow control for half-duplex mode

- Store-and-forward switching method

- Extensive front-panel diagnostic LEDs

- No cooling fan, for quite operation

- 5-Year Warranty

BENEFITS

- **Performance:**
  Top performance at an affordable price.

- **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 10/100Mbps network speed, half/full-duplex mode, and MDI-II/MDI-X connector type.

- **Cost Effective:**
  Provide 10/100Mbps network connection at an affordable rate.

SPECIFICATIONS

Standards:
- IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, ANSI/IEEE 802.3 NWay auto-negotiation

Connectors:
- 24 10/100Mbps shielded RJ45 Auto MDI-II/MDI-X ports

Network Cables:
- Cat. 3, 4, 5 UTP/STP for 10Base-T; Cat. 5 UTP/STP for 100Base-TX

Protocols:
- CSMA/CD

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

Data RAM Buffers:
- 2.5MB per device

Filtering Address Table:
- 8K entries per device

Internal Power Adapter:
- 100~240 VAC, 10 watts max. Diagnostic LEDs: Power, Link/Activity, 100Mbps

Weight:
- appr. 2.0 Kg (4.4 lb.)

Dimensions:
- 440 x 140 x 44 mm (17.3 x 5.51 x 1.73 inch) (W x H x D)

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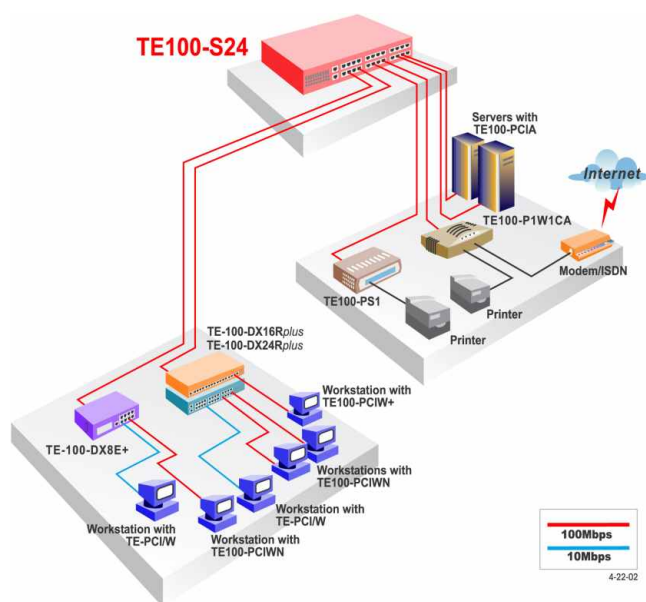- Storage: -10° ~ 70°C (14° ~ 158°F)

Humidity:
- Operating: 10% ~ 90% RH,
- Storage: 5% ~ 90% RH

Emission:
- FCC Class A, CE Mark A, VCCI-A

NETWORKING SOLUTIONS

RELATED PRODUCT

- **TE100-S24:**
  24-port 10/100Mbps NWay Switch (Rack Mount)

- **TE100-S16:**
  16-port 10/100Mbps NWay Switch (Rack Mount)

ORDERING INFORMATION

Computer Link Limited
10 Te Puni Street
Petone
Tel: (04) 920-4488
Fax: (04) 920-4490
Web: www.computerlink.co.nz
Email: sales@computerlink.co.nz

To Order Please Call:
(04) 920-4488

TRENDnet
TRENDware, USA