TRENDNET ®

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

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:
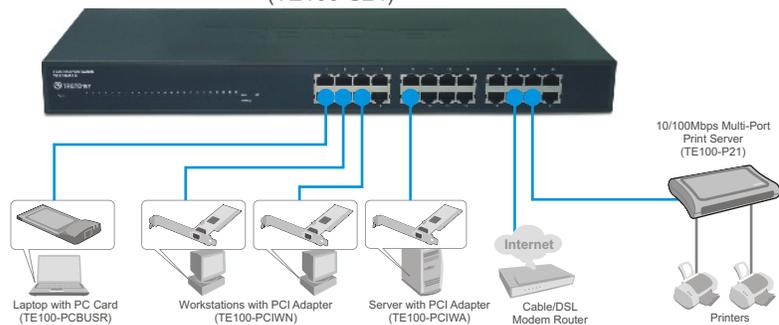Provide 10/100Mbps network connection at an affordable rate.

SPECIFICATIONS

Hardware	
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

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

Laptop with PC Card (TE100-PCBUSR)
Workstations with PCI Adapter (TE100-PCIWN)
Server with PCI Adapter (TE100-PCIWA)
Cable/DSL Modem Router
Internet
10/100Mbps Multi-Port Print Server (TE100-P21)
Printers

RELATED PRODUCTS

TE100-S24	24-Port 10/100Mbps NWay Fast Ethernet Switch
TE100-S16	16-port 10/100Mbps NWay Switch (Rack Mount)

ORDERING INFORMATION

TRENDnet®

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