SWITCHES

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

TRENDnet's TE100-S16 is a high performance auto-sensing NWay switch that automatically negotiates between 10Base-T and 100Base-TX network speeds. All ports support half- and full-duplex that allows maximum network performance. It is designed to eliminate unnecessary traffic and relieve congestion on critical network paths. Designed and built to increase network bandwidth, TRENDnet's TE100-S16 is the best solution for both corporate and small business network environments.

FEATURES

····▷ Compliant with IEEE 802.3 10Base-T, IEEE 802.3µ 100Base-TX

····▷ Support 16 UTP/STP RJ-45 10/100Mbps NWay auto-sensing ports

····▷ Auto-MDIX on each port

····▷ Supports store and forward switching architecture with non-blocking full wire-speed performance

····▷ Half- and full-duplex operation for each port

····▷ Supports aging function and 802.3x flow control for full-duplex mode and back pressure flow control for half-duplex mode operation

····▷ Auto-learning of network configuration

····▷ Built-in 8K entries per device for Filtering Address Table

····▷ 512KB per device RAM buffer. Plug and Play

····▷ EIA-19 Rack Mountable

····▷ 5-Year warranty

BENEFITS

····▷ **Easy Installation:**
Designed to link 10Mbps and 100Mbps networks.

····▷ **Flexibility:**
All ports automatically negotiate 10/100Mbps network speed. All ports are Auto-MDIX; connection can be made with either a straight through or a crossover cable.

····▷ **Cost Effectiveness:**
Provide 10/100Mbps of Fast Ethernet at an affordable rate.

····▷ **Performance:**
Top performance at an affordable price.

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SPECIFICATIONS

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

Connectors:
- 16 10/100Mbps shielded RJ45 Auto-MDIX ports

Network Cables:
- Ethernet: Cat. 3,4,5, UTP/STP, EIA.ITA-568 100 Ohm
- Fast Ethernet: Cat. 5, UTP/STP, EIA/TIA-568 100 Ohm

Cable Length:
- 100 meters maximum

Protocols:
- CSMA/CD

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

Data RAM Buffers:
- 512KB per device

Filtering Address Table:
- 8K entries per device

Internal Power Adapter:
- 100 ~ 240 VAC, 6 watts max.

Diagnostic LEDs:
- Power, Link/Activity, 100Mbps

Weight:
- approximately 2.0 Kg (4.4 lb.)

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

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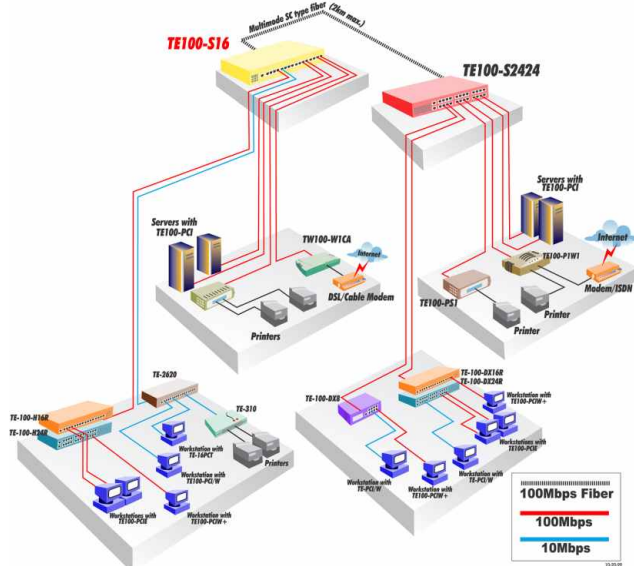- Storage: -10° ~ 70°C (14° ~ 158°F)

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

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

ISO9001 FC CE VCI

NETWORKING SOLUTIONS

RELATED PRODUCT

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

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

TE100-S16V:
16-port 10/100Mbps Smart Switch with Fiber Slot (Rack Mount)

TE100-S24V:
24-port 10/100Mbps Smart Switch with Fiber Slot (Rack Mount)

TE100-SFXM:
SC-type fiber slide-in module for TE100-S16V/S24V

ORDERING INFORMATION

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