



TE100-S16 16-Port 10/100Mbps NWay Fast Ethernet 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 autosensing 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 fullduplex mode and back pressure flow control for halfduplex 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-years warranty

BENEFITS

··· Easy Upgrade:

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. 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.

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:

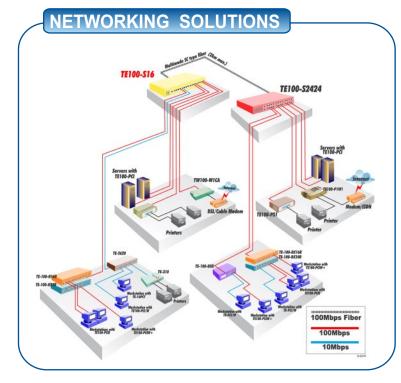
- Ethernet: 10Mbps (Half-Duplex), 20Mbps (Full-Duplex)
- Fast Ethernet: 100Mbps (Half-Duplex), 200Mbps (Full Duplex)

Data RAM Buffers:

512KB per device

Filtering Address Table:

8K entries per device



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

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



PRODUCT INFORMATION

- **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

TRENDware International, Inc. 3135 Kashiwa Street Torrance, CA. 90505. USA Tel: 310-891-1100 Fax: 310-891-1111 Web: www.TRENDNET.com Email: sales@trendware.com



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