



TE100-S16V 16-port 10/100Mbps Smart Switch

TRENDnet's TE100-S16V 16-Port 10/100Mbps Smart Switch is the ideal switch for network segmenting. It has an optional fiber optic module that makes the switch flexible enough for mid-sized companies and branch offices to meet their high bandwidth requirements. By using standard auto-negotiation, it provides a cost-effective way of integrating 10Mbps segments with 100Mbps Fast Ethernet networks, and is ideal for extending distances between two 100Mbps network segments. Supporting Virtual Local Area Networking (VLAN), it is powerful and easy-to-use in reducing unnecessary broadcast traffic and enhance network security.



FEATURES

- 16 10/100Mbps Auto-negotiation, Auto-MDIX Fast Ethernet Ports
- 1 expansion slot for optional 100Base-FX fiber module
- Full/Half-Duplex transfer mode for each port
- Wire Speed reception and transmission
- Store and Forward switching method
- Supports 512K bytes RAM data buffering
- Extensive diagnostic LED's on the front panel
- Broadcast storm protection
- IEEE 802.3x flow control for half-duplex mode
- Back pressure flow control for half-duplex mode
- Supports Port-Based VLAN (17 groups) and Port-Based / IEEE 802.1p QoS (high or low)
- Integrated address Look-Up Engine with 4K entries MAC address table
- Support Port setting function allow user setting each port disable/enable, speed, duplex mode, and device flow control
- Supports RS-232 Console port in front panel for configuration
- Standard 19" Rack-mount design
- 5-Years Warranty

BENEFITS

- **Easy Upgrade:**
Ethernet workgroups are able to upgrade to Fast Ethernet by changing adapters and a hub without changing switches.
- **Expandability:**
Expand the connection up to 2Km with optional fiber module (50/125 or 62.5/125um multimode fiber with SC type connector).
- **Flexibility:**
Port-based VLAN reduces broadcast traffic and enhance network security.
- **Performance:**
Provides non-blocking high performance with internal switch controller.
- **Cost-Effectiveness:**
The TE100-S16V presents 10/100Mbps of Fast Ethernet at an affordable rate.

TE100-S16V

16-port 10/100Mbps Smart Switch

SPECIFICATIONS

LAN Standards:

- IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, 100Base-FX

Network Media:

- Ethernet: UTP/STP Cat. 3, 4, 5Fast
- Ethernet: UTP/STP Cat. 5Fiber
- Module: 50/125 or 62.5/125um multimode fiber

Protocol:

- CSMA/CD

Topology:

- Star

LAN Port:

- 16 x 10/100Mbps Auto-MDIX ports,
- 1 expansion slot for 100Base-FX fiber module

Address Table:

- 4K entries per device

Data Transfer Rate:

- Ethernet: 10/20Mbps – Half/Full-Duplex
- Fast Ethernet: 100/200Mbps – Half/Full Duplex

Diagnostic LEDs:

- Per Unit: Power, System,
- Per Port:
TX: Link/Activity, Speed,
FX: Link/Activity, FDX

Power Consumption:

- 12 Watts. Max

Dimensions:

- 440 x 200 x 44 mm
- (17.32 x 7.87 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:

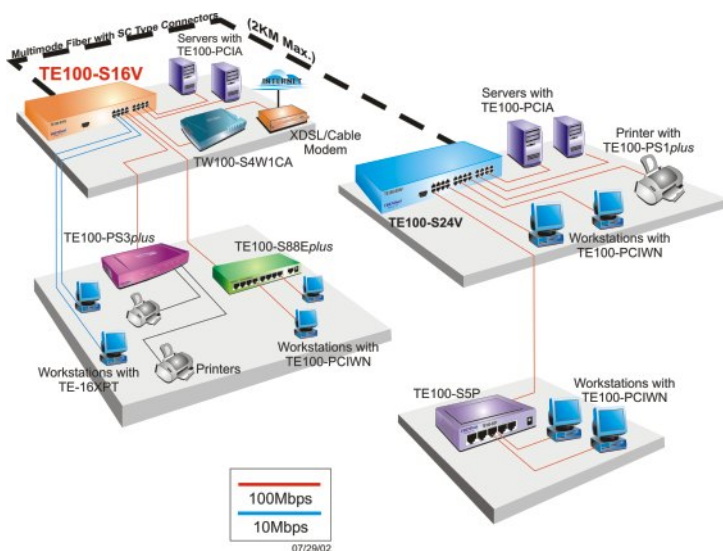
- 10% ~ 90% (no-condensing)

Emission:

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



NETWORKING SOLUTIONS



PRODUCT INFORMATION

- > **TE100-S16V**
16-Port 10/100Mbps Smart Switch
- > **TE100-S24V**
24-Port 10/100Mbps Smart Switch

ORDERING INFORMATION

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