



## TEG-160WS(V.2) 16-Port Gigabit Web-Based Smart Switch

TRENDnet's TEG-160WS 16-Port 10/100/1000Mbps Web-Based Smart Switch is the ideal Switch for network segmenting. It has 16 10/100/1000Mbps Auto-Sensing and Auto-MDIX ports for easy installation. TEG-160WS supports web browser configuration; Network Administrator can use web browser to configure port speed, port-based VLAN and QoS, and also monitor each port's status which provides simple migration, scalability, and flexibility to handle new applications and data types. TRENDnet's TEG-160WS is powerful and easy-to-use in reducing unnecessary broadcast traffic and enhance network security.



### FEATURES

- 16x 10/100/1000Mbps Auto-negotiation, Auto-MDIX Gigabit Ports
- Full/Half Duplex Transfer Mode for 10/100Mbps Ports
- Full Duplex Transfer Mode for Gigabit Ports
- Full Wire-Speed Non-Blocking Reception and Transmission
- Store and Forward switching method
- 512K bytes RAM data buffer and 8K entries MAC address table
- Extensive diagnostic LED's on the front panel
- IEEE 802.3x flow control for full-duplex mode; Back Pressure flow control for half-duplex mode
- Proprietary Windows Based Management/Monitoring Utility (similar to SNMP Trap)
- Port-Based VLAN and Port-Based IEEE 802.1p QoS (High/Normal)
- Supports Trunking and Port Mirroring
- Port Setting function, users can set each port's availability, speed, duplex mode, and flow control
- Easy configuration via Web browser
- Standard 19" Rack-mount design
- 5-Year Warranty

### BENEFITS

- **Easy Installation:**  
Each RJ-45 port auto-senses connection speed, duplex type and MDI-X media type. Connect to 10 or 100 or 1000Mbps network devices with straight through or crossover cable.
- **Flexibility:**  
Easy configuration and management through Web Browser.
- **Performance:**  
Non-blocking high performance with internal Switch Controller.
- **Cost-Effectiveness:**  
Provides Fast Ethernet Switch with management functions at an affordable price.



# TEG-160WS

## 16-Port Gigabit Web-Based Smart Switch

### SPECIFICATIONS

#### Standards:

- IEEE 802.3 10Base-T ; IEEE 802.3 $\mu$  100Base-TX IEEE 802.3ab 1000Base-T ; IEEE 802.3x Full Duplex Flow Control

#### Protocol:

- CSMA/CD

#### Topology:

- Star

#### Connectors

- 16 10/100/1000Mbps Auto-MDIX RJ45 Ports

#### Cabling

- Cat. 3,4,5 UTP/STP for 10Base-T
- Cat. 5 UTP/STP for 100Base-TX
- Cat. 5, 5E, 6 UTP/STP for 1000Base-T

#### Data Transfer Rate:

- 10Mbps: 10/20Mbps (Half/Full Duplex)
- 100Mbps: 100/200Mbps (Half/Full Duplex)
- 1000Mbps: 2000Mbps (Full Duplex)

#### Data RAM Buffer:

- 512KBytes per device

#### Filtering Address Table:

- 8K Entries Per Device

#### Diagnostic LEDs:

- Per Unit: Power, System
- Per Port (RJ-45): Link/Activity, 100Mbps.

#### Power Consumption:

- 110 ~ 240V AC, 50/60Hz, internal universal power supply, 40 Watts. Max.

#### Dimensions (WxHxD):

- 440 x 210 x 44 mm (17.32 x 8.3 x 1.73 inches)

#### Weight:

- 2.0 Kg (4.48 lb)

#### Temperature:

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

#### Humidity:

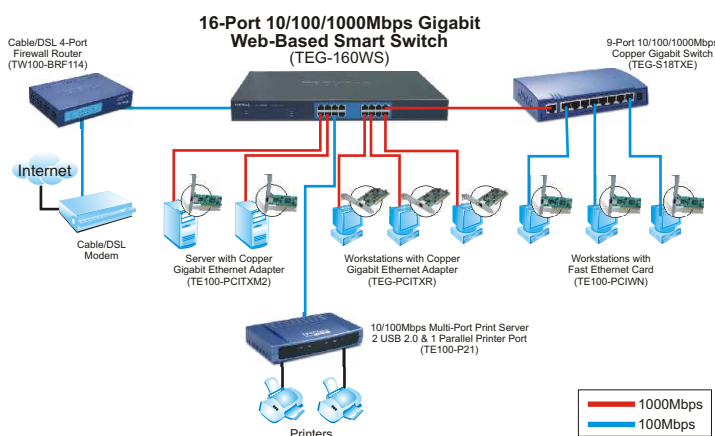
- 10% ~ 90% (no-condensing)

#### Certifications:

- FCC, CE, VCCI



### NETWORKING SOLUTIONS



### RELATED PRODUCT

- ➔ **TEG-160WS:**  
16-Port 10/100/1000Mbps Gigabit Web-based Smart Switch
- ➔ **TEG-240WS:**  
24-Port 10/100/1000Mbps Gigabit Web-based Smart Switch
- ➔ **TEG-2224WS:**  
28-Port 10/100/1000Mbps Web-based Smart Switch
- ➔ **TE100-2248WS:**  
52-Port Gigabit Web-Based Smart Switch

### ORDERING INFORMATION

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