



## TEG-448WS

### 48-Port Gigabit Web-Based Smart Switch

TRENDnet's TEG-448WS 48-Port 10/100/1000Mbps and 4-Slot Mini-GBIC Web-Based Smart Switch delivers high performance and scalability for large enterprises. Its Mini-GBIC slots can use either single or multimode fiber for constructing a high-speed network backbone. The 48-port Copper Gigabit ports support Auto-MDIX and Auto-Sensing for troublefree network integration. The TEG-448WS supports advanced network protocols such as VLAN, QoS, Trunking, and Mirroring.

#### FEATURES

- 48 x 10/100/1000Mbps Auto-Negotiation and Auto-MDIX Gigabit Ethernet UTP Ports
- 4 x 1000Mbps Auto-Sense mini-GBIC slots, Share with 4 1000Base-T Ports (Port 45-48)
- Full/Half-Duplex Transfer Mode for each Port
- Store and Forward Switching Architecture
- Integrated address Look-Up Engine with 8K absolute MAC address table
- Supports 1632K bytes RAM Data Buffering
- IEEE 802.3x Flow Control for Full/Half Duplex Mode
- Back Pressure Flow Control for Half Duplex Mode
- Supports Tag VLAN, Qos , Trunking and Port Mirroring through Web-Based.
- Port Settings function, users can set each Port's Availability, Speed, Duplex mode and Flow Control
- Easy Window Based Management Utility and Web-Based Configuration
- Extensive Diagnostic LED's on the front panel
- Standard 19" (1U) Rack-Mount Size (Kit included)
- 5-Year Warranty



# TEG-448WS

## 48-Port Gigabit Web-Based Smart Switch

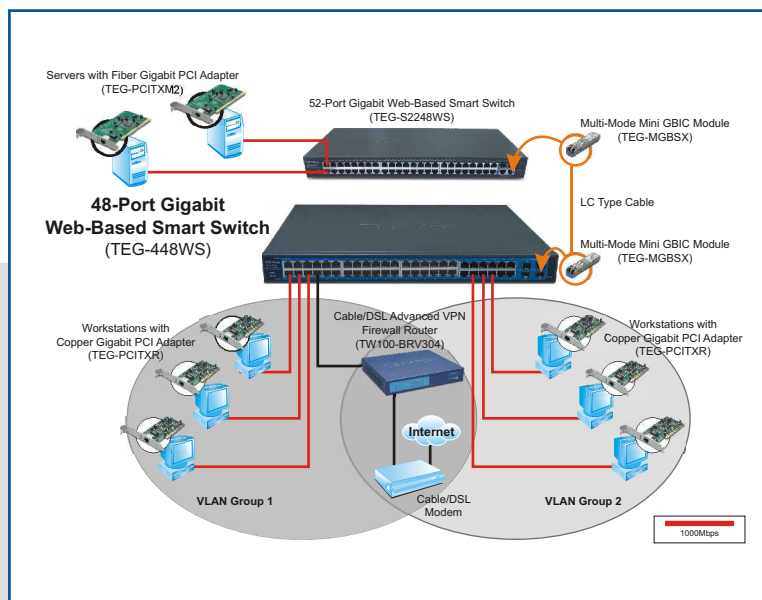
### SPECIFICATIONS

#### Hardware

<b>Standards</b>	<ul style="list-style-type: none"> <li>• IEEE 802.3 10Base-T</li> <li>• IEEE 802.3u 100Base-TX</li> <li>• IEEE 802.3ab 1000Base-T</li> <li>• IEEE 802.3z 1000Base-SX/LX (GBIC)</li> <li>• IEEE 802.3x Full Duplex Flow Control</li> </ul>
<b>Network Media</b>	<ul style="list-style-type: none"> <li>• Ethernet: UTP/STP Cat. 3, 4, 5</li> <li>• Fast Ethernet: UTP/STP Cat. 5</li> <li>• Gigabit: UTP/STP Cat. 5, 5E, 6</li> </ul>
<b>Protocol /Topology</b>	<ul style="list-style-type: none"> <li>• CSMA/CD, Star</li> </ul>
<b>LAN Ports</b>	<ul style="list-style-type: none"> <li>• 48 x 10/100/1000Mbps Auto Negotiation Gigabit Ethernet ports</li> <li>• 4 x Mini-GBIC slots, Share with 4 1000BASE-T Slots (Share with 4 1000Base-T Ports)</li> </ul>
<b>Data Transfer Rate</b>	<ul style="list-style-type: none"> <li>• Ethernet: 10Mbps/20Mbps (Half-Duplex/Full-Duplex)</li> <li>• Fast Ethernet: 100Mbps/200Mbps (Half-Duplex/Full-Duplex)</li> <li>• Gigabit Ethernet: 2000Mbps (Full-Duplex)</li> </ul>
<b>Address Table</b>	<ul style="list-style-type: none"> <li>• 8K Entries</li> </ul>
<b>Data RAM Buffer</b>	<ul style="list-style-type: none"> <li>• 1632KBytes</li> </ul>
<b>Diagnostic LEDs</b>	<ul style="list-style-type: none"> <li>• Per Unit: Power, System</li> <li>• Per Gigabit Ethernet: Link/ACT</li> <li>• Per Cooper Gigabit Port: Link/ACT, Speed (1000M-Green, 100M-Amber)</li> <li>• Per Mini-GBIC Gigabit Port: Link/ACT</li> </ul>
<b>Power/Consumption</b>	<ul style="list-style-type: none"> <li>• 100-240V AC, 50/60Hz Internal Power Supply / 70 Watts (Max)</li> </ul>
<b>Dimensions (W x D x H)</b>	<ul style="list-style-type: none"> <li>• 440 x 310 x 44 mm (17.32" x 7.9" x 1.73")</li> </ul>
<b>Weight</b>	<ul style="list-style-type: none"> <li>• 4.43kg (9.75 lbs)</li> </ul>
<b>Temperature</b>	<ul style="list-style-type: none"> <li>• Operation: 0°C~ 40°C (32°F~104°F), Storage: -10°C~ 70°C (14°F~158°F)</li> </ul>
<b>Humidity</b>	<ul style="list-style-type: none"> <li>• Operating: 10% ~ 90% RH, Storage: 5% ~ 90% RH</li> </ul>
<b>Certification</b>	<ul style="list-style-type: none"> <li>• FCC Class A, CE Class A</li> </ul>



### NETWORKING SOLUTIONS



### PACKAGE CONTENTS

- TEG-448WS
- Quick Installation Guide
- Power Cord
- Utility CD-ROM
- Rack-Mount Kit

### RELATED PRODUCTS

- TEG-2224WS** • 28-port 10/100/1000Mbps Web-Based Gigabit Smart Switch
- TEG-2248WS** • 52-Port Gigabit Web-Based Smart Switch
- TEG-160WS** • 16-Port Gigabit Web-Based Smart Switch

### ORDERING INFORMATION

**TRENDware International, Inc.**  
 3135 Kashiwa Street, Torrance, CA. 90505. USA  
 Tel: 310-891-1100  
 Fax: 310-891-1111  
 Web: [www.TRENDNET.com](http://www.TRENDNET.com)  
 Email: [sales@trendware.com](mailto:sales@trendware.com)

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