




Quick Installation Guide  

**TEG-S16g**  
**TEG-S24g**  
1.01

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## Package Contents

- TEG-S16g/TEG-S24g
- Multi-Language Quick Installation Guide
- Power Cord (1.8m / 6ft.)
- Rack Mount Kit

## System Requirements

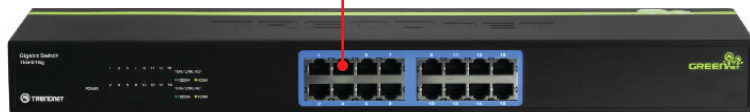
- Computer with Network adapter installed
- CAT-5e or CAT-6 Network Cable
- The surface must support at least 2.3Kg (5 lbs.) for the Switch
- The power outlet should be within 1.8 meters (6 feet) of the switch
- Make sure that there is proper heat dissipation and adequate ventilation around the Switch
- Do not place heavy objects on the Switch

## 2. Hardware Installation

1. Connect the **Power Cord** to the TEG-S16g/TEG-S24g and then to a power outlet.



2. Connect a CAT-5e or CAT-6 RJ-45 network cable from the computer to an available Ethernet port on the TEG-S16g/TEG-S24g.



3. Move the power switch to the on position.



ENGLISH

FRANÇAIS

DEUTSCH

ESPAÑOL

РУССКИЙ

### 3. LEDs

ENGLISH

#### Power

**Green:** Power is on

**Not Illuminated:** Power is off



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#### 10M/LINK/ACT

**Green (Solid):** Link to another device

**Green (Blinking):** Activity is occurring from the link

**Not Illuminated:** Nothing is detected on the port



#### 100M/1000M

**Green:** Connection for the port is 2000Mbps (Full)

**Amber:** Connection for the port is 100/200Mbps (Half/Full)

**Not Illuminated:** Connection for the port is 10/20Mbps (Half/Full) or nothing is detected on the port

Hardware		
	TEG-S16g	TEG-S24g
<b>Standards</b>	IEEE 802.3 10Base-T; IEEE 802.3u 100Base-TX IEEE 802.3ab 1000Base-T; IEEE 802.3x Flow Control	
<b>Network Media</b>	<ul style="list-style-type: none"> <li>Ethernet: Cat. 5 up to 100m</li> <li>Fast Ethernet: Cat. 5 and 5e up to 100m</li> <li>Gigabit Ethernet: Cat. 5, 5e, 6, up to 100m</li> </ul>	
<b>Data Rates</b>	<ul style="list-style-type: none"> <li>Ethernet: 10Mbps/20Mbps (half/full-duplex)</li> <li>Fast Ethernet: 100Mbps/200Mbps (half/full-duplex)</li> <li>Gigabit Ethernet: 2000Mbps (full-duplex)</li> </ul>	
<b>Protocol / Topology</b>	CSMA/CD, Star	
<b>Power Consumption (max)</b>	7.2 watts	13 watts
<b>Switch Fabric</b>	32Gbps	48Gbps
<b>Interface</b>	16 x 10/100/1000Mbps Auto-MDIX RJ-45 ports	24 x 10/100/1000Mbps Auto-MDIX RJ-45 ports
<b>Data RAM Buffer</b>	2Mbits	3.5Mbits
<b>Filtering Table</b>	8K entries	8K entries
<b>Diagnostic LED</b>	Power, 10M/LINK/ACT, 100M/1000M	
<b>Jumbo Frame Support</b>	Up to 9216Bytes	
<b>Power</b>	100~240VAC, 50/60Hz Internal universal switching power	
<b>Dimension</b>	440x140x45 mm (17x5.5x1.8 in.)	440x210x45 mm (17x8.3x1.8 in.)
<b>Weight</b>	1.6 kg (3.5 lbs.)	2.3 kg (5 lbs.)
<b>Temperature</b>	<ul style="list-style-type: none"> <li>Operating: 0° ~ 40° C (32° ~ 104° F)</li> <li>Storage: -10° ~ 70° C (14° ~ 158° F)</li> </ul>	
<b>Humidity</b>	Max. 90% (non-condensing)	
<b>Certification</b>	CE, FCC	

## **1. After connecting the Switch to a power outlet, the LEDs do not turn on.**

1. Check the connection of the power cord to the TEG-S16g/TEG-S24g and the power outlet.
2. Check that the power outlet is receiving power.

## **2. When I connect a computer to one of the ports on the Switch, the 10M/LINK/ACT LED turns on, but I am not getting Gigabit speeds.**

1. Check the LEDs. If the 100M/1000M LED is green, the computer's connection speed is 1000Mbps. If the 100M/1000M LED is amber, the computer's connection speed is 100Mbps. If the 100M/1000M LED is off, the computer's connection speed is 10Mbps.
2. Check the Ethernet Cable. Make sure you are using CAT-5e or CAT-6 Ethernet Cables. Some CAT-5 cables are not rated to run in Gigabit.
3. Make sure that you have a Gigabit Ethernet Adapter installed on your computer.

## **3. After I connect my PCs to the Switch, I am unable to share files.**

1. Check the LEDs on the Switch. Make sure the 10M/LINK/ACT LED is on.
2. Check the network cable. The minimum length of the cable is 1.5 meters and the maximum length of the cable is 100 meters.
3. Disable any software firewall program.
4. Verify that you have file sharing enabled. Please contact your Operating System support for more information.

## **4. After I connect my PCs to the Switch, I can only get onto the Internet from one computer.**

The Switch was not designed to share Internet between multiple computers. You need to get an Internet router such as the TEW-652BRP.

## **5. Where is the uplink port located on the Switch?**

Since all the ports on the Switch are Auto-MDIX, any of the ports can be used as an uplink port.

If you still encounter problems or have any questions regarding the

**TEG-S16g/TEG-S24g** please contact TRENDnet's Technical Support Department.

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### **TEG-S16g/TEG-S24g - 3 Years Limited Warranty**

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PWP05202009v2

# Declaration of Conformity



## Company Information:

Company Name:  
TRENDnet, Inc.

Company Address:  
20675 Manhattan Place  
Torrance, CA 90501  
USA

## Product Information:

Product Description:  
16-Port Gigabit GREENnet Switch  
24-Port Gigabit GREENnet Switch



Model Number:  
TEG-S16g  
TEG-S24g

Brand name:  
TRENDnet

## Technical Standards:


EN 55022 : 2006 + A1 : 2007 Class A  
EN 61000-3-2 : 2006  
EN 61000-3-3 : 2008  
EN 55024 : 1998 + A1 : 2001 + A2 : 2003

## Declaration:

*The product is herewith confirmed to comply with the requirements of Directive 2004/108/EC of the Council (European Parliament) on the EMC directive.*

*I hereby declare that the products and devices mentioned above are consistent with the standards and provisions of the guidelines.*

Sonny Su  
\_\_\_\_\_  
Full Name  
  
January 12, 2011  
\_\_\_\_\_  
Date

Director of Technology  
\_\_\_\_\_  
Position / Title  
  
  
\_\_\_\_\_  
Signature

## Certifications

This equipment has been tested and found to comply with FCC and CE Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received. Including interference that may cause undesired operation.



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