





Quick Installation Guide  

TEG-S8g  
1.01

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## Package Contents

- TEG-S8g
- Multi-Language Quick Installation Guide
- Power Adapter (5V DC, 1A)

## System Requirements

- Computer with network adapter installed
- Cat.5e or Cat.6 network cable
- The surface must support at least 245g for the Switch
- The power outlet should be within 1.82 meters (6 feet) of the switch
- Visually inspect the DC power jack to make sure that it is securely connected to the power adapter
- Make sure that there is proper heat dissipation from and adequate ventilation around the Switch
- Do not place heavy objects on the switch

1. Connect the Power Adapter to the TEG-S8g 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-S8g.



#### Power

Green: Power is on

Not Illuminated: Power is off



#### Link/ACT

Green (Solid): Link to another device

Green (Blinking): Activity is occurring from the link

Not Illuminated: Nothing is detected on the port



#### Speed

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

# Technical Specifications

| Hardware            |  |
|---------------------|--|
| Standards           | <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 802.3x Flow Control</li><li>• IEEE 802.3az (draft 2.0) Energy Efficient Ethernet</li></ul> |
| Network Media       | <ul style="list-style-type: none"><li>• Ethernet: Cat. 3, 4, 5, up to 100m</li><li>• Fast Ethernet: Cat. 5 up to 100m</li><li>• Gigabit Ethernet: Cat. 5, 5e, 6, up to 100m</li></ul>  |
| Data Rate           | <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>                              |
| Protocol / Topology | CSMA/CD, Star  |
| Power Consumption   | 3.5 Watts (max)  |
| Switch Fabric       | 16Gbps forwarding capacity   |
| Interface           | 8 x 10/100/1000Mbps Auto-MDIX RJ-45 ports  |
| Data RAM Buffer     | 128KBytes  |
| Filtering Table     | 8K entries   |
| Jumbo Frame Support | 9216Bytes  |
| Diagnostic LEDs     | Power, Link/ACT, Speed   |
| Power Adapter       | 5V DC, 1A external power adapter   |
| Dimension           | 165 x 102 x 28mm (6.5 x 4 x 1.1 in.)   |
| Weight              | 245g (8.6 oz)  |
| Temperature         | <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>  |
| Humidity            | Max. 90% (non-condensing)  |
| Certification       | FCC, CE  |

1. After connecting the Switch to a power outlet, the LEDs do not turn on.
  1. Check the connection of the power adapter to the TEG-S8g 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 Link/ACT LED turns on, but I am not getting Gigabit speeds.
  1. Check the LEDs. If the Speed LED is green, the computer's connection speed is 1000Mbps. If the Speed LED is amber, the computer's connection speed is 100Mbps. If the Speed 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 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 TW100-S4W1CA.
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-S8g please contact TRENDnet's Technical Support Department.

## Limited Warranty

TRENDnet warrants its products against defects in material and workmanship, under normal use and service, for the following lengths of time from the date of purchase.

### TEG-S8g - 3 Years Limited Warranty

AC/DC Power Adapter, Cooling Fan and Power Supply carry a 1 year limited warranty

If a product does not operate as warranted during the applicable warranty period, TRENDnet shall reserve the right, at its expense, to repair or replace the defective product or part and deliver an equivalent product or part to the customer. The repair/replacement unit's warranty continues from the original date of purchase. All products that are replaced become the property of TRENDnet. Replacement products may be new or reconditioned. TRENDnet does not issue refunds or credit. Please contact the point-of-purchase for their return policies.

TRENDnet shall not be responsible for any software, firmware, information, or memory data of customer contained in, stored on, or integrated with any products returned to TRENDnet pursuant to any warranty.

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# Declaration of Conformity



## Company Information:

Company Name:  
TRENDnet, Inc.

Company Address:  
20675 Manhattan Place  
Torrance, CA 90501  
USA

## Product Information:

Product Description:  
8-Port Gigabit GREENnet Switch



Model Number:  
TEG-S8g

Brand name:  
TRENDnet

## Technical Standards:

EN 55022 : 2006 + A1 : 2007 Class B  
EN 61000-3-2 : 2006 Class A  
EN 61000-3-3 :1995 + A1 : 2001 + A2 : 2005  
EN 55024 : 1998 + A1 : 2001 + A2 : 2003  
AS/NZS CISPR 22 : 2006 Class B

## 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 and Energy-related products Directive 2009/125/EC.*

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

Sonny Su

Full Name

October 22, 2010

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.



Waste electrical and electronic products must not be disposed of with household waste. Please recycle where facilities exist. Check with you Local Authority or Retailer for recycling advice.



**NOTE:** THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

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En todos nuestros equipos se mencionan claramente las características del adaptador de alimentación necesario para su funcionamiento. El uso de un adaptador distinto al mencionado puede producir daños físicos y/o daños al equipo conectado. El adaptador de alimentación debe operar con voltaje y frecuencia de la energía eléctrica domiciliar existente en el país o zona de instalación.



## Product Warranty Registration

Please take a moment to register your product online.  
Go to TRENDnet's website at <http://www.trendnet.com/register>