



8-Port Gigabit GREENnet Switch

TEG-S80g

- Quick Installation Guide (1)
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- Troubleshooting (4)

1. Before You Start

Package Contents

- TEG-S80g
- Multi-Language Quick Installation Guide
- Power Adapter (5V DC, 1A)

If any of the above contents are missing, please contact your reseller.

Minimum Requirements

- A computer with a network adapter installed
- Cat.5e or Cat.6 Network Cable
- The surface must support at least 450g for the Switch
- The power outlet should be within 1.82m (6 ft) 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

2. Hardware Installation

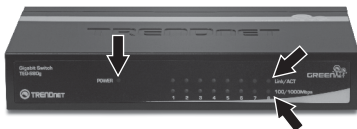
1. Connect the Power Adapter to the TEG-S80g and then to a power outlet.



2. Connect a Cat.5e or Cat.6 RJ-45 network cable from the computer to an available Ethernet port of the TEG-S80g.



3. LEDs



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

100Mbps/1000Mbps

- **Green:** Connection to the port is 2000Mbps (Full)
- **Amber:** Connection to the port is 100/200Mbps (Half/Full)
- **Non Illuminated:** Connection to the port is 10/20Mbps (Half/Full) or nothing is detected on the port.

Technical Specifications

Hardware	
Standards	<ul style="list-style-type: none"> • IEEE 802.3 10Base-T • IEEE 802.3u 100Base-TX • IEEE 802.3ab 1000Base-T • IEEE 802.3x Flow Control • IEEE 802.3 az (draft 2.0)
Network Media	<ul style="list-style-type: none"> • Ethernet: Cat. 3, 4, 5, up to 100m • Fast Ethernet: Cat. 5, up to 100m • Gigabit Ethernet: Cat. 5, 5e, 6, up to 100m
Data Rates	<ul style="list-style-type: none"> • Ethernet: 10Mbps/20Mbps (half/full-duplex) • Fast Ethernet: 100Mbps/200Mbps (half/full-duplex) • Gigabit Ethernet: 2000Mbps (full-duplex)
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, 100Mbps/1000Mbps
Power Adapter	5V DC, 1A external power adapter
Dimension	171 x 98 x 28mm (6.7 x 3.86 x 1.1 in.)
Weight	450 g (15.9 oz)
Temperature	<ul style="list-style-type: none"> • Operating: 0° ~ 40° C (32° ~ 104° F) • Storage: -10° ~ 70° C (14° ~ 158° F)
Humidity	Max. 90% (non-condensing)
Certifications	FCC, CE

Troubleshooting

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

Check the connection of the external power adapter to the TEG-S80g and the power outlet. Also check that the power outlet is receiving power.

2. When I connect a computer to one of the ports on the Switch, the Power and the Link/ACT LED is lit, but I am not getting Gigabit speeds.

1. Check the LEDs. If the 100/1000Mbps LED is amber, the computer's connection speed is 100. If the 100/1000Mbps 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-S80g** please contact Trendnet's Technical Support Department.

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-S80g



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

September 23, 2010

Date

Director of Technology

Position / Title

Signature

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TEG-S80g - 3 Years Limited Warranty

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

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Product Warranty Registration

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

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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