



**Quick Installation Guide** 



**TEG-S80Dg** 1.01

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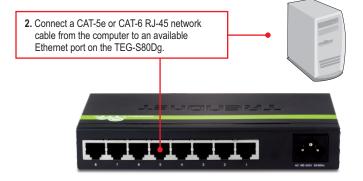
## **Package Contents**

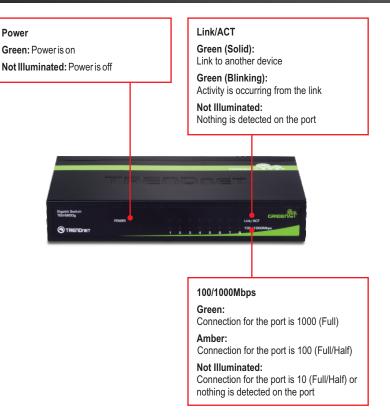
- TEG-S80Dg
- Multi-Language Quick Installation Guide
- Power Cord
- Rubber Feet

## **System Requirements**

- · Computer with Network adapter installed
- CAT-5e or CAT-6 Network Cable
- The surface must support at least 1.5 Kg 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







## **Technical Specifications**

Hardware		
Standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T	
Network Media	Ethernet: 2-Pair UTP/STP CAT-3, -4, -5 Fast Ethernet: 2-Pair UTP/STP CAT-5, -5e , -6 Gigabit : 4-Pair UTP/STP CAT-5e, CAT-6 (Recommended)	
Data Transfer Rate	Ethernet: 10Mbps (half-duplex), 20Mbps (full-duplex) Fast Ethernet: 100Mbps (half-duplex), 200Mbps (full-duplex) Gigabit Ethernet: 2000Mbps (full-duplex)	
Protocol/Topology	CSMA/CD / Star	
Interface	8 x 10/100/1000 Auto-MDIX RJ-45 ports	
Data RAM Buffer	128Kbytes	
Jumbo Frame Support	9216Kbytes	
Packet Filtering/Forwarding Rate	10Mbps Ethernet: 14,880pps (packet per second) 100Mbps Fast Ethernet: 148,800pps 1000Mbps Gigabit Ethernet: 1,488,000pps	
MAC Address Learning	Automatic Update	
Filtering Table	4K entries per device	
Switch Fabric	16Gbps Forwarding Capacity	
Power Consumption	3.96W (max)	
Diagnostic LEDs	Per Port: Link/ACT;100mbps/1000mbps Per Unit: Power	
Power	100-240VAC, 50/60Hz, Internal Power Supply	
Dimensions	171 x 98 x 28 mm (6.73 x 3.86 x 1.1 in.)	
Weight	450g	
Temperature	Operating: 0° ~ 40° C (32° ~ 104° F) Storage: -10° ~ 70° C (14° ~ 158° F)	
Humidity	Operating: 10% ~ 90% Storage: 5% ~ 90%	
Certifications	CE, FCC	

## **Troubleshooting**

#### 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-S80Dg and the power outlet. Also check that the power outlet is receiving power.

# 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.

- Check the LEDs. If the 100/1000Mbps LED is green, the computer's connection speed is 1000Mbps. If the 100/1000Mbps LED is amber, the computer's connection speed is 100Mbps. If the 100/1000Mbps LED is off, the computer's connection speed is 10Mbps.
- 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 Gioabit.
- 3. Make sure that you have a Gigabit Ethernet Adapter installed on your computer.

#### 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.
- 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.
- Verify that you have file sharing enabled. Please contact your Operating System support for more information.

## 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.

## 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-S80Dg** please contact TRENDnet's Technical Support Department.

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#### 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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