



## Quick Installation Guide



TEG-S80g  
1.02

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# 1. Antes de iniciar



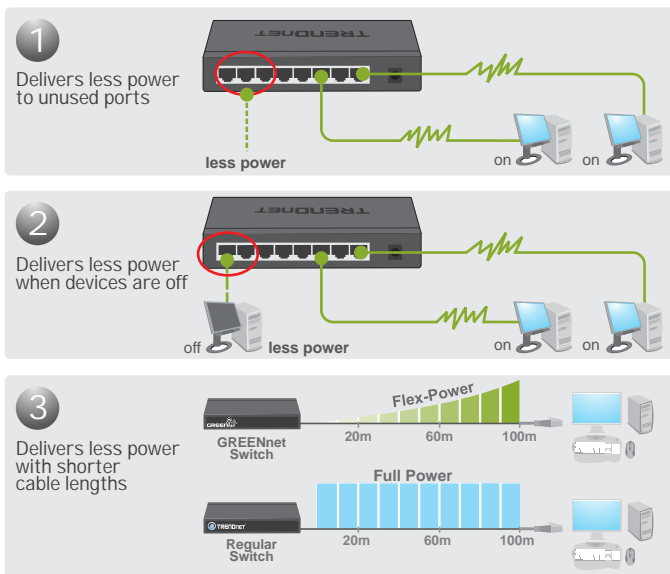
## Contenidos del paquete

- TEG-S80g
- Guía de instalación rápida multilingüe
- Adaptador de alimentación AC (7.5V DC, 1A)

## Requisitos del sistema

- Un PC con adaptador de red instalado correctamente
- Cable de Red CAT 5e o CAT6
- La superficie debe soportar al menos 1,5 Kg para el conmutador
- La toma de corriente debe estar a 1,82 metros (6 pies) del conmutador
- Inspeccione visualmente el jack de corriente DC para comprobar que está conectado al adaptador de corriente
- Compruebe que existe una correcta regulación de la temperatura y una ventilación adecuada alrededor del conmutador
- No coloque objetos pesados encima del conmutador

## Aplicación



\*Max power savings compared with standard TRENDnet switches.

## 2. Instalación del Hardware

1. Conecte el adaptador de alimentación AC al TEG-S80g y luego a una toma de corriente.



2. Conecte un cable de red RJ-45 CAT 5e o CAT 6 del PC a un puerto Ethernet disponible en el TEG-S80g.



### 3. LEDs

Alimentación eléctrica  
Verde: Está encendido.  
Si no está iluminado: No está encendido.

Enlace/ACT  
Verde (Sólido): Enlace a otro dispositivo.  
Verde (parpadeo): La actividad ocurre desde el enlace  
Si no está iluminado: No se detecta nada en el puerto.



100/1000Mbps  
Verde: Conexión para los puertos 1000 (Full/Half)  
Ámbar: Conexión para los puertos 100 (Full/Half)  
Si no está iluminado: La conexión para el puerto es de 10(Full/Half) o no se detecta nada en el puerto.

# Technical Specifications

Hardware	
Standards	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX IEEE 802.3ab 1000Base-T IEEE 802.3x Flow Control
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 per device
Jumbo Frame Support	TEG-S80g: Up to 9612Bytes
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	5W (max)
Diagnostic LEDs	Power, Link/ACT, 100/1000Mbps
Power Adapter	7.5V DC, 1A External Power Adapter
Dimensions	171 x 98 x 28 mm (6.7 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

\* Max power savings compared with standard TRENDnet switches.

- Q1:** After connecting the Switch to a power outlet, the LEDs do not turn on.  
**A1:** 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.
- Q2:** 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.  
**A2:** First, 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. . Second, 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. Third, make sure that you have a Gigabit Ethernet adapter installed on your computer.
- Q3:** After I connect my PCs to the Switch, I am unable to share files.  
**A3:** First, check the LEDs on the Switch. Make sure the Link/ACT LED is on. Second, check the network cable. The minimum length of the cable is 1.5 meters and the maximum length of the cable is 100 meters. Third, disable any software firewall program. Fourth, verify that you have file sharing enabled. Please contact your Operating System support for more information.
- Q4:** After I connect my PCs to the Switch, I can only get onto the Internet from one computer.  
**A4:** The Switch was not designed to share Internet between multiple computers. You need to get an Internet router such as the TW100-S4W1CA.
- Q5:** Where is the uplink port located on the Switch?  
**A5:** 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.



## 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-S80g - 5 Year Limited Warranty  
AC/DC Power Adapter, Cooling Fan and Power Supply carry 1 year 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.

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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.



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.



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### ADVERTENCIA

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.



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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>

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