



## 8-Port Gigabit GREENnet Switch TEG-S8g

- Anleitung zur Schnellinstallation (1)
- Technical Specifications (3)
- Troubleshooting (4)

## 1. Bevor Sie anfangen

### Packungsinhalt

- TEG-S8g
- Mehrsprachige Installationsanleitung
- Netzteil (5V DC, 1A)

Wenn keiner der oben genannten Inhalte fehlen, wenden Sie sich an Ihren Fachhändler.

### Mindestanforderungen

- Computer mit korrekt installiertem Netzwerkadapter
- KAT.5e oder KAT.6 Netzwerk Kabel
- Die Aufstellfläche des Umschalters muss eine Tragfähigkeit von mindestens 245g haben
- Die Steckdose sollte nicht weiter als 1,82 m vom Umschalter entfernt sein
- Achten Sie darauf, dass der Gleichstromstecker fest im Netzteil sitzt
- Gewährleisten Sie eine ausreichende Wärmeableitung und eine angemessene Belüftung um den Umschalter
- Legen Sie keine schweren Gegenstände auf das Gerät

## 2. Installation

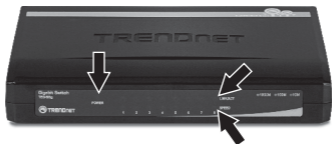
1. Verbinden Sie das Netzteil mit dem **TEG-S8g** und stecken Sie es in eine Steckdose.



2. Verbinden Sie den Computer über ein Kat.5e oder Kat.6 RJ-45-Netzwerkkabel mit einem freien Ethernet-Port des TEG-S8g.



### 3. LEDs



#### Stromversorgung

- **Grün:** Gerät wird mit Strom versorgt
- **Dunkel:** Gerät ist ausgeschaltet

#### Link/Aktivität

- **Grün (leuchtet):** Mit anderem Gerät verbunden
- **Grün (blinkt):** Über die Verbindung werden Daten ausgetauscht
- **Dunkel:** Am Port wurde kein Gerät erkannt

#### Geschwindigkeit

- **Grün (leuchtet):** Port ist mit 2000 MBit/s (Voll duplex) verbunden
- **Amber:** Port ist mit 100 / 200 MBit/s (Halb-/Voll duplex) verbunden
- **Dunkel:** Verbindung mit 10/20MBit/s (Halb-/Voll duplex), oder am Port wurde kein Gerät erkannt

## Technical Specifications

Hardware	
<b>Standards</b>	<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 Energy Efficient Ethernet</li></ul>
<b>Network Media</b>	<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>
<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</b>	3.5Watt (max)
<b>Switch Fabric</b>	16Gbps forwarding capacity
<b>Interface</b>	8 x 10/100/1000Mbps Auto-MDIX RJ-45 ports
<b>Data RAM Buffer</b>	1 Mbits
<b>Filtering Table</b>	8K entries
<b>Jumbo Frame Support</b>	9216Bytes
<b>Diagnostic LEDs</b>	Power, Link/ACT, Speed
<b>Power Adapter</b>	5V DC, 1A external power adapter
<b>Dimension</b>	165 x 102 x 28mm (6.5 x 4 x 1.1 in.)
<b>Weight</b>	245g (8.6 oz)
<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>	FCC, CE

## Troubleshooting

### **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.

There are no user serviceable parts inside the product. Do not remove or attempt to service the product by any unauthorized service center. This warranty is voided if (i) the product has been modified or repaired by any unauthorized service center, (ii) the product was subject to accident, abuse, or improper use (iii) the product was subject to conditions more severe than those specified in the manual.

Warranty service may be obtained by contacting TRENDnet within the applicable warranty period and providing a copy of the dated proof of the purchase. Upon proper submission of required documentation a Return Material Authorization (RMA) number will be issued. An RMA number is required in order to initiate warranty service support for all TRENDnet products. Products that are sent to TRENDnet for RMA service must have the RMA number marked on the outside of return packages and sent to TRENDnet prepaid, insured and packaged appropriately for safe shipment. Customers shipping from outside of the USA and Canada are responsible for return shipping fees. Customers shipping from outside of the USA are responsible for custom charges, including but not limited to, duty, tax, and other fees.

**WARRANTIES EXCLUSIVE:** IF THE TRENDNET PRODUCT DOES NOT OPERATE AS WARRANTED ABOVE, THE CUSTOMER'S SOLE REMEDY SHALL BE, AT TRENDNET'S OPTION, REPAIR OR REPLACE. THE FOREGOING WARRANTIES AND REMEDIES ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, EITHER IN FACT OR BY OPERATION OF LAW, STATUTORY OR OTHERWISE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. TRENDNET NEITHER ASSUMES NOR AUTHORIZES ANY OTHER PERSON TO ASSUME FOR IT ANY OTHER LIABILITY IN CONNECTION WITH THE SALE, INSTALLATION MAINTENANCE OR USE OF TRENDNET'S PRODUCTS.

TRENDNET SHALL NOT BE LIABLE UNDER THIS WARRANTY IF ITS TESTING AND EXAMINATION DISCLOSE THAT THE ALLEGED DEFECT IN THE PRODUCT DOES NOT EXIST OR WAS CAUSED BY CUSTOMER'S OR ANY THIRD PERSON'S MISUSE, NEGLIGENCE, IMPROPER INSTALLATION OR TESTING, UNAUTHORIZED ATTEMPTS TO REPAIR OR MODIFY, OR ANY OTHER CAUSE BEYOND THE RANGE OF THE INTENDED USE, OR BY ACCIDENT, FIRE, LIGHTNING, OR OTHER HAZARD.

LIMITATION OF LIABILITY: TO THE FULL EXTENT ALLOWED BY LAW TRENDNET ALSO EXCLUDES FOR ITSELF AND ITS SUPPLIERS ANY LIABILITY, WHETHER BASED IN CONTRACT OR TORT (INCLUDING NEGLIGENCE), FOR INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES OF ANY KIND, OR FOR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATE, OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE SALE, INSTALLATION, MAINTENANCE, USE, PERFORMANCE, FAILURE, OR INTERRUPTION OF THE POSSIBILITY OF SUCH DAMAGES, AND LIMITS ITS LIABILITY TO REPAIR, REPLACEMENT, OR REFUND OF THE PURCHASE PRICE PAID, AT TRENDNET'S OPTION. THIS DISCLAIMER OF LIABILITY FOR DAMAGES WILL NOT BE AFFECTED IF ANY REMEDY PROVIDED HEREIN SHALL FAIL OF ITS ESSENTIAL PURPOSE.

**Governing Law:** This Limited Warranty shall be governed by the laws of the state of California.

Some TRENDnet products include software code written by third party developers. These codes are subject to the GNU General Public License ("GPL") or GNU Lesser General Public License ("LGPL").

Go to <http://www.trendnet.com/gpl> or <http://www.trendnet.com> Download section and look for the desired TRENDnet product to access to the GPL Code or LGPL Code. These codes are distributed WITHOUT WARRANTY and are subject to the copyrights of the developers. TRENDnet does not provide technical support for these codes. Please go to <http://www.gnu.org/licenses/gpl.txt> or <http://www.gnu.org/licenses/lgpl.txt> for specific terms of each license.



## 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.



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.

### 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.

TRENDnet  
20675 Manhattan Place  
Torrance, CA 90501. USA