



# TRENDNET®



## Quick Installation Guide



**TEG-S16R**  
**TEG-S24R**  
H/W: v1.0R

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## Contenidos del paquete

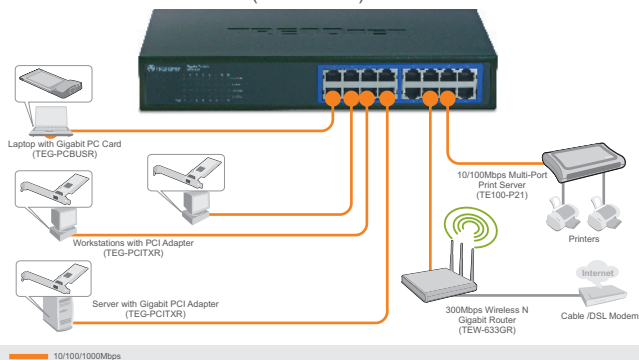
- TEG-S16R/TEG-S24R
- Guía de instalación rápida
- Cable de alimentación
- Kit para montaje en estante

## Requisitos del sistema

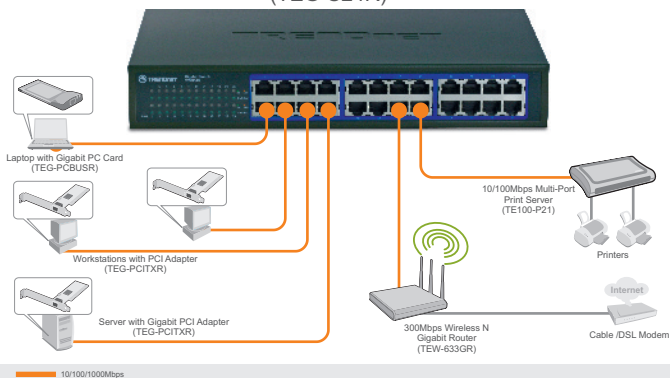
- Un PC con adaptador de red instalado correctamente.
- Un cable de red RJ-45
- La toma de corriente debe estar a 1.82 metros (6 pies) del conmutador
- Compruebe que existe una correcta regulación de la temperatura y una ventilación adecuada alrededor del conmutador
- No coloque objetos pesados encima del conmutador
- Estructura de nivel y bastidor de 19 pulgadas estándar EIA o robusto que pueda soportar el peso del chasis

## Application

### 16-Port Compact Gigabit Switch (TEG-S16R)



### 24-Port Compact Gigabit Switch (TEG-S24R)



## 2. Instalación del Hardware

1. Conecte el **Power Cord** (Cable de alimentación) en la parte trasera del TEG-S16R/TEG-S24R y después a la toma corriente.



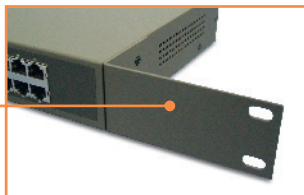
2. Conecte un cable de red RJ-45 CAT-5e del PC a un puerto Ethernet disponible en el TEG-S16R/TEG-S24R.



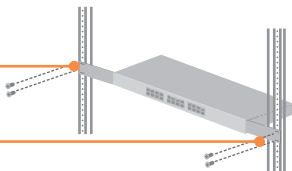
### Para montaje en bastidor

El TEG-S16R/TEG-S24R puede montarse sobre un bastidor de 19 pulgadas tamaño estándar EIA, que puede colocarse en un armario de empalmes junto con otros equipos.

1. Fije las abrazaderas de sujeción a ambos lados del TEG-S16R/TEG-S24R y asegúrelas con los tornillos suministrados.



2. Coloque el TEG-S16R/TEG-S24R con cuidado encima del bastidor. Procure que la abrazadera coincida con los orificios de los tornillos del bastidor, luego use los tornillos suministrados junto con el bastidor del equipo para montar el chasis.



### Registre su producto

Para asegurar los más altos niveles de servicio y apoyo al cliente, registre su producto en línea en: [www.trendnet.com/register](http://www.trendnet.com/register)

Gracias por elegir TRENDnet

General	
<b>Standards</b>	IEEE 802.3 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3ab 1000BASE-T Gigabit Ethernet
<b>Protocol</b>	CSMA/CD
<b>Data Transfer Rates</b>	Ethernet: 10Mbps/20Mbps (Half / Full-Duplex) Fast Ethernet: 100Mbps /200Mbps (Half / Full-Duplex) Gigabit Ethernet: 2000Mbps (Full-Duplex)
<b>Topology</b>	Star
<b>Network Cables</b>	Ethernet: UTP/STP CAT-3, 4, 5 Fast Ethernet: UTP/STP CAT- 3, 4, 5, 5e, 6 Gigabit Ethernet : UTP/STP CAT-5e, 6
<b>Number of Ports</b>	TEG-S16R: 16 x 10/100/1000Mbps Auto-negotiation, Auto-MDIX ports TEG-S24R: 24 x 10/100/1000Mbps Auto-negotiation, Auto-MDIX ports
<b>LEDs</b>	Power, Link/ACT, 10/100Mbps, 1000Mbps

## Physical and Environmental

<b>Power</b>	100-240VAC. 50/60Hz. Internal Power Supply
<b>Power Consumption</b>	TEG-S16R: 14 Watts (Max) TEG-S24R: 20 Watts (Max)
<b>Temperature</b>	Operating: 0° ~ 40° C, Storage: -20° ~ 70° C
<b>Humidity</b>	Operating: 10% ~ 90%, Storage: 5% ~ 90%
<b>Dimensions (L x W x H)</b>	280 x 180 x 45 mm (W x H x D)
<b>Weight</b>	TEG-S16R: 1.7kg TEG-S24R: 1.8kg
<b>Certification</b>	CE, FCC

## Performance

<b>Transmission Method</b>	Store-and-forward
<b>MAC Address Learning</b>	Automatic update
<b>MAC Address Table</b>	8Kbytes Entries Per Device
<b>RAM Buffer</b>	500KB
<b>Switching Fabric</b>	TEG-S16R: 32Gbps TEG-S24R: 48Gbps

**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-S16R/TEG-S24R and the power outlet. Also check that the power outlet is receiving power.

**Q2: When I connect a computer to the Switch's port, I am not getting Gigabit speeds. What should I do?**

**A2:** Check the LED on the Switch. When the LED is off, the computer's connection speed is 10Mbps. When the LED is green the computer's connection speed is 100Mbps. The computer's connection speed will be Gigabit when the LED is amber. Make sure that you have a Gigabit Ethernet adapter installed. Also make sure to use a Cat-5e or Cat 6 Ethernet cable. Some CAT-5 cables are not rated to run in Gigabit.

**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 TEW-633GR.

If you still encounter problems or have any questions regarding the TEG-S16R/TEG-S24R 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-S16R/TEG-S24R - 5-Year Warranty**

If a product does not operate as warranted above during the applicable warranty period, TRENDnet shall, at its option and expense, repair the defective product or deliver to customer an equivalent product to replace the defective item. All products that are replaced will become the property of TRENDnet. Replacement products may be new or reconditioned.

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 through 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 office within the applicable warranty period for a Return Material Authorization (RMA) number, accompanied by a copy of the dated proof of the purchase. Products returned to TRENDnet must be pre-authorized by TRENDnet with RMA number marked on the outside of the package, and

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 REPLACEMENT. 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 DATA, 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.

Note: AC/DC Power Adapter, Cooling Fan, Cables and Power Supply carry a 1-Year Warranty

## 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<sup>®</sup>

## TRENDnet Technical Support

### US • Canada

**Toll Free Telephone:** 1(866) 845-3673

24/7 Tech Support



### Europe (Germany • France • Italy • Spain • Switzerland • UK)

**Toll Free Telephone:** +00800 60 76 76 67

English/Espanol - 24/7

### Worldwide

**Telephone:** +(31) (0) 20 504 05 35

English/Espanol - 24/7

## Product Warranty Registration

Please take a moment to register your product online.

Go to TRENDnet's website at <http://www.trendnet.com>

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