



**16-Port 10/100Mbps GREENnet Switch (TE100-S16g)**  
**24-Port 10/100Mbps GREENnet Switch (TE100-S24g)**

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## 1. Bevor Sie anfangen

### Packungsinhalt

- TE100-S16g / TE100-S24g
- Mehrsprachige Installationsanleitung
- Stromkabel
- Gummifuesse
- Montagesatz für Gestell

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

### Mindestanforderungen

- Computer mit korrekt installiertem Netzwerkadapter
- KAT.5, KAT.5e oder KAT.6 Netzwerk Kabel
- Die Aufstellfläche des Umschalters muss eine Tragfähigkeit von mindestens 1.86kg haben
- Die Steckdose sollte nicht weiter als 1,82 Meter 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 **Stromkabel** mit dem TE100-S16g/TE100-S24g und stecken Sie es in eine Steckdose.



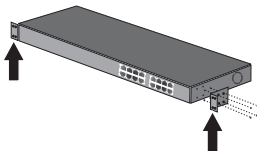
2. Verbinden Sie den Computer über ein KAT.5, KAT.5e oder KAT. 6 RJ-45-Netzkabel mit einem freien Ethernet-Port des TE100-S16g/TE100-S24g.



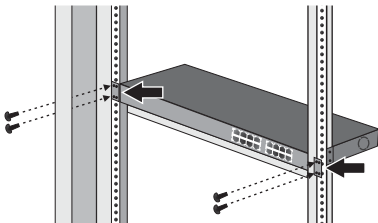
### Einbau in Gestell

Das Gehäuse lässt sich in ein standardmäßiges 19"-EIA-Gestell einbauen, das seinerseits gemeinsam mit anderen Geräten in einen Kabelschrank montiert werden kann.

1. Bringen Sie die Befestigungsbügel mit den mitgelieferten Schrauben an beiden Seiten des Umschalters an.



2. Setzen Sie den Umschalter sorgfältig in das Gestell ein. Richten Sie den Bügel an den Schraubenlöchern im Gestell aus und befestigen Sie den Umschalter mit den zum Gestell gehörenden Schrauben.



### 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

#### 100 MBit/s

- **Grün:** Port ist mit 100/200 MBit/s (Halb-/Voll duplex )
- **Verbunden Dunkel:** Verbindung mit 10/20 MBit/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 802.3x Flow Control</li> </ul>
<b>Network Media</b>	<ul style="list-style-type: none"> <li>• Ethernet: 2-Pair UTP/STP Cat. 3, -4, -5</li> <li>• Fast Ethernet: 2-Pair UTP/STP Cat. 5, -5e, -6</li> </ul>
<b>Data Transfer Rates</b>	<ul style="list-style-type: none"> <li>• Ethernet: 10Mbps (half-duplex), 20Mbps (full-duplex)</li> <li>• Fast Ethernet: 100Mbps (half-duplex), 200Mbps (full-duplex)</li> </ul>
<b>Protocol/Topology</b>	CSMA/CD / Star
<b>Interface</b>	<ul style="list-style-type: none"> <li>• TE100-S16g: 16 x 10/100/1000 Auto-MDIX RJ-45 ports</li> <li>• TE100-S24g: 24 x 10/100/1000 Auto-MDIX RJ-45 ports</li> </ul>
<b>Data RAM Buffer</b>	<ul style="list-style-type: none"> <li>• TE100-S16g: 1.25Mbits per device</li> <li>• TE100-S24g: 1.25Mbits per device</li> </ul>
<b>Packet Filtering/ Forwarding Rate</b>	<ul style="list-style-type: none"> <li>• 10Mbps Ethernet: 14,880pps (packets per second)</li> <li>• 100Mbps Fast Ethernet: 148,800pps</li> </ul>
<b>MAC Address Learning</b>	Automatic Update
<b>Filtering Table</b>	8K entries per device
<b>Switch Fabric</b>	<ul style="list-style-type: none"> <li>• TE100-S16g: 3.2Gbps Forwarding Capacity</li> <li>• TE100-S24g: 4.8Gbps Forwarding Capacity</li> </ul>
<b>Power Consumption</b>	<ul style="list-style-type: none"> <li>• TE100-S16g: 6W (max)</li> <li>• TE100-S24g: 6.4W (max)</li> </ul>
<b>Diagnostic LEDs</b>	Power, Link/ACT, 100Mbps
<b>Power</b>	100-240VAC, 50/60Hz, Internal Power Supply
<b>Dimensions</b>	440 x 140 x 40 mm (17.32 x 5.51 x 1.57 in.)
<b>Weight</b>	<ul style="list-style-type: none"> <li>• TE100-S16g: 1.72kg (3.8 lb)</li> <li>• TE100-S24g: 1.86kg (4.1 lb)</li> </ul>
<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>	<ul style="list-style-type: none"> <li>• Operating: 10% ~ 90%</li> <li>• Storage: 5% ~ 90%</li> </ul>
<b>Certifications</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 cord to the TE100-S16g/TE100-S24g and the power outlet.
2. Check that the power outlet is receiving power.

### **2. When I connect a computer to the Switch's port, the Link/ACT LED turns on, but the 100Mbps LED remains off.**

When the 100Mbps LED is off, the computer's connection speed is 10Mbps.

### **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 **TE100-S16g/ TE100-S24g** 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.

### **TE100-S16g/TE100-S24g - 3 Year Limited Warranty AC/DC Power Adapter, Cooling Fan and Power Supply carry 1 year 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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