



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

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

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1. Before You Start

Package Contents

- TE100-S16g / TE100-S24g
- Multi-Language Quick Installation Guide
- Power Cord
- Rack Mount Kit

If any of the above contents are missing, please contact your reseller.

System Requirements

- A computer with a network adapter installed
- Cat.5, Cat.5e or Cat.6 Network Cable
- The surface must support at least 1.86 Kg for the Switch
- The power outlet should be within 1.82 m (6 ft) 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

2. Hardware Installation

1. Connect the Power Cord to the TE100-S16g/TE100-S24g and then to a power outlet.



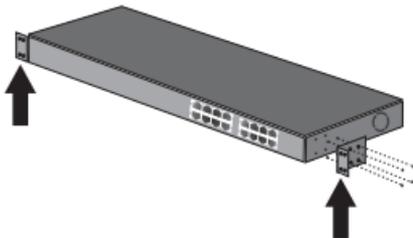
2. Connect a Cat.5, Cat.5e or Cat.6 RJ-45 network cable from the computer to an available Ethernet port on the TE100-S16g/TE100-S24g.



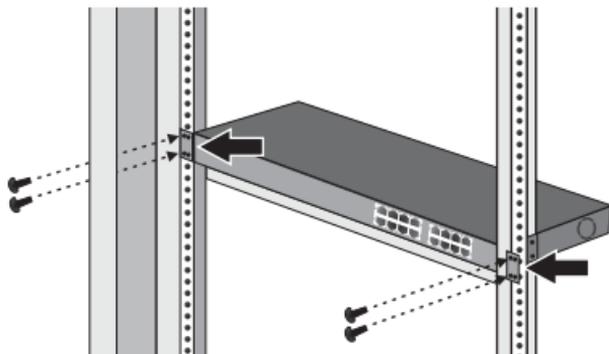
Rack Mount

The switch can be mounted in an EIA standard-size, 19-inch rack, which can be placed in a wiring closet with other equipment.

1. Attach the mounting brackets to both sides of the switch and secure them with the provided screws.



2. Carefully position the switch onto the rack. Align the bracket to the screw holes on the rack, then use the screws provided with the equipment rack to mount the switch.



3. LEDs



Power

- **Green:** Power is on
- **Not Illuminated:** Power is off

Link/ACT

- **Green (Solid):** Link to another device
- **Green (Blinking):** Activity is occurring from the link
- **Not Illuminated:** Nothing is detected on the port

100Mbps

- **Green:** Connection for the port is 100/200Mbps (Half/Full)
- **Not Illuminated:** Connection for the port is 10/20Mbps (Half/Full) or nothing is detected on the port.

Technical Specifications

Hardware	
Standards	<ul style="list-style-type: none"> • IEEE 802.3 10BASE-T • IEEE 802.3u 100BASE-TX • IEEE 802.3x Flow Control
Network Media	<ul style="list-style-type: none"> • Ethernet: 2-Pair UTP/STP Cat. 3, -4, -5 • Fast Ethernet: 2-Pair UTP/STP Cat. 5, -5e, -6
Data Transfer Rates	<ul style="list-style-type: none"> • Ethernet: 10Mbps (half-duplex), 20Mbps (full-duplex) • Fast Ethernet: 100Mbps (half-duplex), 200Mbps (full-duplex)
Protocol/Topology	CSMA/CD / Star
Interface	<ul style="list-style-type: none"> • TE100-S16g: 16 x 10/100/1000 Auto-MDIX RJ-45 ports • TE100-S24g: 24 x 10/100/1000 Auto-MDIX RJ-45 ports
Data RAM Buffer	<ul style="list-style-type: none"> • TE100-S16g: 1.25Mbits per device • TE100-S24g: 1.25Mbits per device
Packet Filtering/Forwarding Rate	<ul style="list-style-type: none"> • 10Mbps Ethernet: 14,880pps (packets per second) • 100Mbps Fast Ethernet: 148,800pps
MAC Address Learning	Automatic Update
Filtering Table	8K entries per device
Switch Fabric	<ul style="list-style-type: none"> • TE100-S16g: 3.2Gbps Forwarding Capacity • TE100-S24g: 4.8Gbps Forwarding Capacity
Power Consumption	<ul style="list-style-type: none"> • TE100-S16g: 6W (max) • TE100-S24g: 6.4W (max)
Diagnostic LEDs	Power, Link/ACT, 100Mbps
Power	100-240VAC, 50/60Hz, Internal Power Supply
Dimensions	440 x 140 x 40 mm (17.32 x 5.51 x 1.57 in.)
Weight	<ul style="list-style-type: none"> • TE100-S16g: 1.72kg (3.8 lb) • TE100-S24g: 1.86kg (4.1 lb)
Temperature	<ul style="list-style-type: none"> • Operating: 0° ~ 40° C (32° ~ 104° F) • Storage: -10° ~ 70° C (14° ~ 158° F)
Humidity	<ul style="list-style-type: none"> • Operating: 10% ~ 90% • Storage: 5% ~ 90%
Certifications	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.

Declaration of Conformity



Company Information:

Company Name:
TRENDnet, Inc.

Company Address:
20675 Manhattan Place
Torrance, CA 90501
USA

Product Information:

Product Description:
16-Port 10/100Mbps GREENnet Switch
24-Port 10/100Mbps GREENnet Switch



Model Number:
TE100-S16g
TE100-S24g

Brand name:
TRENDnet

Technical Standards:

EN 55022 : 2006 + A1 : 2007 Class A
EN 61000-3-2 : 2006 Class A
EN 61000-3-3 :1995 + A1 : 2001 + A2 : 2005
EN 55024 : 1998 + A1 : 2001 + A2 : 2003

Declaration:

The product is herewith confirmed to comply with the requirements of Directive 2004/108/EC of the Council (European Parliament) on the EMC directive.

I hereby declare that the products and devices mentioned above are consistent with the standards and provisions of the guidelines.

Sonny Su

Full Name

June 30, 2011

Date

Director of Technology

Position / Title

Signature

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

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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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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