



16-Port 10/100Mbps Switch (TE100-S16D)

24-Port 10/100Mbps Switch (TE100-S24D)

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1. Before You Start

Package Contents

- TE100-S16D/TE100-S24D
- Multi-Language Quick Installation Guide
- Power Adapter (5V DC, 2A)

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

System Requirements

- Computer with network adapter installed
- Cat. 5, Cat. 5e or Cat. 6 Network Cable
- The surface must support at least 1.72 kg (3.8 lbs.) for the Switch
- The power outlet should be within 1.8 m (6 ft) of the switch
- Make sure that there is proper heat dissipation and adequate ventilation around the Switch
- Do not place heavy objects on the switch

2. Hardware Installation

1. Connect the Power Adapter to the TE100-S16D/TE100-S24D 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-S16D/TE100-S24D.



3. Move the power switch to the on position.



3. LEDs



POWER

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

LINK/ACT

- **Green (Solid):** Connection to the port is 100/200Mbps (Half/Full Duplex) or 10/20Mbps (Half/Full Duplex)
- **Green (Blinking):** Data transmitting/receiving at 10/20Mbps (Half/Full Duplex) or 100/200Mbps (Half/Full Duplex)
- **Not Illuminated:** Nothing is detected on the port

Technical Specifications

Hardware		
	TE100-S16D	TE100-S24D
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: UTP/STP Cat. 5 up to 100 m • Fast Ethernet: UTP/STP Cat. 5, 5e, 6, up to 100 m 	
Data Rates	<ul style="list-style-type: none"> • Ethernet: 10Mbps/20Mbps (half/full-duplex) • Fast Ethernet: 100Mbps/200Mbps (half/full-duplex) 	
Protocol / Topology	CSMA/CD, Star	
Power Consumption	4.8 watts (max.)	4.65 watts (max.)
Switch Fabric	3.2Gbps forwarding capacity	4.8Gbps forwarding capacity
Interface	16 x 10/100Mbps Auto-MDIX RJ-45 ports	24 x 10/100Mbps Auto-MDIX RJ-45 ports
Data RAM Buffer	1.25Mbits	1.75Mbits
Filtering Table	4K entries	8K entries
Diagnostic LED	Power, Link/ACT	
Power	5V DC, 2A external power adapter	
Dimension	265 x 122.7 x 41 mm (10.4 x 4.8 x 1.6 in.)	
Weight	1.72 kg (3.8 lbs.)	
Temperature	<ul style="list-style-type: none"> • Operating: 0° ~ 40° C (32° ~ 104° F) • Storage: -10° ~ 70° C (14° ~ 158° F) 	
Humidity	Max. 90% (non-condensing)	
Certification	CE, FCC	

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 TE100-S16D/TE100-S24D and the power outlet.
2. Check that the power outlet is receiving power.

2. 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 m and the maximum length of the cable is 100 m.
3. Disable any software firewall program.
4. Verify that you have file sharing enabled. Please contact your Operating System support for more information.

3. 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 TEW-652BRP.

4. 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-S16D/TE100-S24D** 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 Switch

24-Port 10/100Mbps Switch



Model Number:

TE100-S16D

TE100-S24D

Brand name:

TRENDnet

Technical Standards:

EN 55022 : 2006 + A1 : 2007

EN 61000-3-2 : 2009

EN 61000-3-3 : 2008

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 and Energy-related products Directive 2009/125/EC.

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

Sonny Su

Full Name

July 19, 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-S16D/TE100-S24D - 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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