



Quick Installation Guide

5/8/16-Port Gigabit Ethernet Switch
• TEG1005D/TEG1008M/TEG1016M

9-Port 10/100M Ethernet Desktop Switch
• TEF1109D

5-Port Fast Ethernet Switch
• TEF1005D

Package contents

TEG1005D/TEF1005D/TEG1008M/TEF1109D

- Switch * 1
- Power adapter * 1
- Quick installation guide

TEG1016M

- Switch * 1
- Power adapter * 1
- Screw (Thread diameter: 3 mm, length: 14 mm) * 2
- Expansion bolt (height: 6.6 mm, inner diameter: 2.4 mm, length: 26.4 mm) * 2
- Quick installation guide

TEF1109D is used for illustrations here unless otherwise specified.
The actual product prevails.

LED indicators

LED indicator	Status	Description
Power/⊙	Solid on	Powered on
TEG1016M on the rear panel	Off	Powered off
	Solid on	Connected but not active
1-5/8/9/16	Blinking	Data transmitting
	Off	Not connected

Working mode toggle

(TEF1109D/TEG1016M)

Working mode	Description
VLAN off	Default mode. In this mode, all ports can communicate with each other. In this mode, the downlink ports on a switch are isolated from each other, but can communicate with the uplink port. This mode helps isolate DHCP broadcast and reduce broadcast storm.
VLAN on	Uplink ports: – TEG1016M: Port 15, 16 – TEF1109D: Port 9 Downlink ports: – TEG1016M: Ports 1-14 – TEF1109D: Ports 1-8

Install the device

• Preparations

- Desktop mounting: ESD bracelet or gloves
- Wall mounting: ESD bracelet or gloves, screwdriver, spirit level, marker, hammer drill, rubber hammer, ladder, 2 expansion bolts (self-prepared except TEG1016M, height: 6.6 mm, inner diameter: 2.4 mm, length: 26.4 mm) and 2 screws (self-prepared except TEG1016M, thread diameter: 3 mm, length: 14 mm, head diameter: 5.2 mm)

• Desktop mounting

TEG1005D/TEF1005D/TEG1008M/TEF1109D

Horizontally place the switch right-side up on a big enough, clean, stable and flat desktop.

TEG1016M

Paste the four footpads to the four recesses on the bottom of the switch.

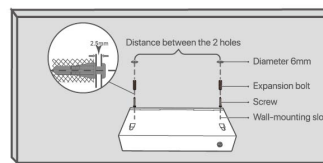
Then turn the switch upside down, and place it horizontally on a big enough, clean, stable and flat desktop.

• Wall mounting

☑ Note

- This switch can only be installed on non-flammable walls, such as a concrete wall.
- Do NOT install the switch with its air vents facing downward. Otherwise, there will be potential safety hazards.

1. Use a hammer drill to drill 2 holes (diameter: 6 mm) on the wall and the distance between the 2 holes is (TEG1008M/TEF1109D: 116mm, TEG1005D/TEF1005D: 80 mm, TEG1016M: 110mm). Keep the two holes on a horizontal line.
2. Knock the expansion bolts into the holes using a rubber hammer. Use a screwdriver to fix the screws into the expansion bolts. The distance between the inside surface of the screw header and the edge of the expansion bolt should not be less than 2.5 mm, to make sure that the switch can be hung on the screws firmly.
3. Align the two wall-mounting slots on the bottom of the switch with the two screws on the wall, and then slide the switch to fit in the screws until it is firmly hung on the screws.

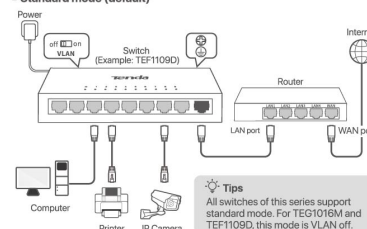


Typical network topologies

• Tips

The switch supports auto MDI/MDIX. You can use either a straight through cable or a crossover cable to connect the switch to Ethernet devices.

• Standard mode (default)

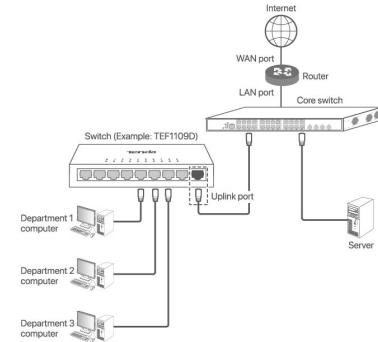


• Tips
All switches of this series support standard mode. For TEG1016M and TEF1109D, this mode is VLAN off.

• VLAN mode

• Tips

Only TEG1016M and TEF1109D support VLAN mode, this mode is VLAN on.



Get support and services

For technical specifications, user guides and more information, please visit the product page or service page on www.tendacn.com. Multiple languages are available.

You can see the product name and model on the product label.



<https://www.tendacn.com/service/default.html>

FAQ

Q1: The Power or ⊙ LED indicator does not light up. What should I do?

- Ensure that the power adapter is connected to the switch and the power jack properly.
- Ensure that the power jack is powered on.
- Ensure that the input voltage matches the value required by the switch.

Q2: When the Link/Act LED indicator (1-5/8/9/16) of the switch is off. What should I do?

- Ensure that the Ethernet cable between the switch and the attached device is connected properly, and the length of the Ethernet cable is within standard length 100m.
- Ensure that the switch is powered on.
- Ensure the connected device is powered on and working properly.

Safety Precautions

Before performing an operation, read the operation instructions and precautions to be taken, and follow them to prevent accidents. The warning and danger items in other documents do not cover all the safety precautions that must be followed. They are only supplementary information, and the installation and maintenance personnel need to understand the basic safety precautions to be taken.

- For desktop mounting, the device must be horizontally mounted for safe use.
- For wall mounting, the device is only suitable for mounting at heights ≤ 2 m.
- Operating environment: Temperature: 0 C - 40 C; Humidity: (10% - 90%) RH, non-condensing; Storage environment: Temperature: -40 C - 70 C; Humidity: (5% - 90%) RH, non-condensing.
- Clean only with dry cloth.
- Do not block any ventilation openings using things such as newspapers, table-cloth, curtains.
- Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus that produce heat.

- If the device has a grounding terminal, connect the grounding terminal of the switch to a grounding table to protect your switch from lightning damage.
- Do not damage the ground conductor or operate the device in the absence of well-installed ground conductor. Conduct the appropriate electrical inspection. Refer to the **Lightning Protection Guide** at the official website for instructions.
- Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles and at the point where they exit from the device.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this device during lightning storms or when unused for long periods of time.
- The mains plug is used as the disconnect device and shall remain readily operable.
- Refer all servicing to qualified service personnel. Servicing is required when the device has been damaged in any way, for example, power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the device, the device has been exposed to rain or moisture, does not work normally, or has been dropped.
- Warning: To reduce the risk of fire or electric shock, do not expose this device to rain or moisture. The device shall not be exposed to dripping or splashing.
- Warning: To reduce the risk of electric shock, do not remove the cover as there are no user-serviceable parts inside. Refer servicing to qualified personnel.

For latest safety precautions, see **Safety and Regulatory Information** on www.tendacn.com.



CE Mark Warning

(TEG1016M/TEG1008M/TEF1109D) This is a Class A product.

(TEG1005D/TEF1005D) This is a Class B product.

In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

NOTE: (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. (2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.

Declaration of Conformity

Hereby, SHENZHEN TENDA TECHNOLOGY CO., LTD declares that the device is in compliance with directives 2014/35/EU and 2014/30/EU.

The full text of the EU declaration of conformity is available at the following internet address:
<https://www.tendacn.com/download/list-9.html>

LA OPERACIÓN DE ESTE DISPOSITIVO ESTÁ SUJETA A LAS SIGUIENTES CONDICIONES:

- a) Es posible que este equipo o dispositivo no cause interferencia perjudicial.
 - b) Este equipo o dispositivo debe aceptar cualquier tipo de interferencia, incluyendo la que pueda causar su operación no deseada.
- Estimado usuario: Antes de utilizar este producto lo invitamos a leer el siguiente manual para que conozca todas sus funciones y características.

Producto	NOMBRE DEL PRODUCTO: Switch de Gigabit Ethernet de 5/16 puertos MODELO: TEG1005D, TEG1016M
Alimentador de Energía: Alimentación: 100-240V ca 50/60 Hz, 0.3 A (TEG1005D) 100-240 V ca 50/60 Hz, 0.4 A (TEG1016M)	NOM
Salida: 5 V cc 0.6 A (TEG1005D) 12 V cc 1.0 A (TEG1016M)	
PAIS DE ORIGEN: CHINA	



FCC Statement

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution!

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. (2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.

(TEG1016M/TEG1008M/TEF1109D)

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

(TEG1005D/TEF1005D)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



RECYCLING

This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.



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V11.Keep for future reference