Tenda

Quick Installation Guide

5/8GE Cloud Managed Switch
TEG2205D/TEG2208D/TEG205E/TEG208E

Package contents

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

TEG2208D is used for illustration here unless otherwise specified. The actual product prevails.
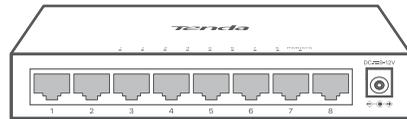
Install the device

■ Preparations

- Desktop mounting: ESD bracelet or gloves.
- Wall mounting: ESD bracelet or gloves, ladder, screwdriver, marker, hammer drill, rubber hammer, spirit level, 2 screws (thread diameter: 3 mm, length: 14 mm, head diameter: 5.2 mm), 2 plastic anchors (height: 6.6 mm, inner diameter:2.4 mm, length: 26.4 mm).

■ Installation

Desktop mounting

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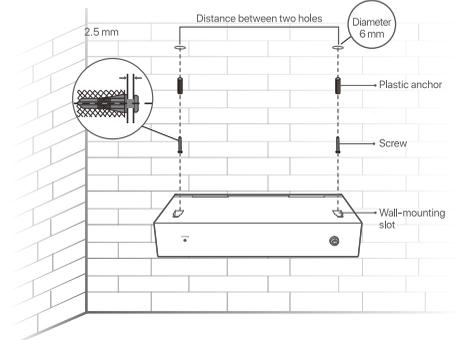

Example: TEG2208D

Wall mounting

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

1. Mark your wall for the wall-mounting slots on the bottom of the switch (TEG2205D/TEG205E: 80 mm, TEG2208D/TEG208E: 116 mm) and drill two holes (diameter: 6 mm) horizontally.
2. Hammer plastic anchors into the holes.
3. Insert screws into the plastic anchors, leaving a gap (at least 2.5 mm) between the screw heads and plastic anchors.
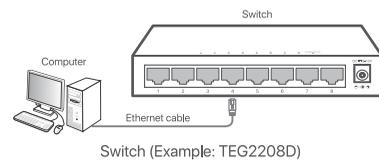4. Place the switch on the screws and slide it down until it locks into place.

Example: TEG2208D
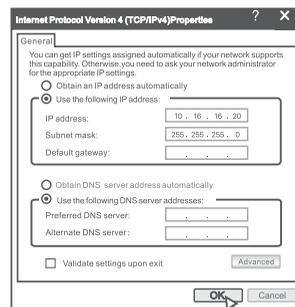
Log in to the web UI

■ Use local web UI

1. Connect the computer to any RJ45 Ethernet port of the switch using an Ethernet cable.

Switch (Example: TEG2208D)

2. Set a unique IP address for the computer that belongs to the same subnet as the switch (default IP address: **10.16.16.168**). For example, you can set the computer's IP address to **10.16.16.X** (X ranges from 2 to 254, excluding 168) and the subnet mask to **255.255.255.0**.

3. Start a web browser (such as Chrome) on the computer, enter the management IP address of the switch (default: **10.16.16.168**) in the address bar, and press Enter on the keyboard.

http://10.16.16.168

4. Follow the onscreen instructions and finish logging in.

🔅 **Tips:**
- If the login fails, see **Q1** in **FAQ**.
- After successfully logging in to the web UI of the switch, you can configure the switch.

■ Use Tenda CloudFi App or Tenda CloudFi Cloud web UI

To manage the switch using Tenda CloudFi App or Tenda CloudFi Cloud web UI, add the device to your Tenda CloudFi App first. You can choose between the following methods.

🔅 **Tips:**
- Before managing the switch, ensure that it is connected to the internet.
- Tenda CloudFi App is interoperable with Tenda CloudFi Cloud, so a project created on the Tenda CloudFi App can also be found and managed on Tenda CloudFi Cloud web UI.
- For more details, see help document in **Help Center** of Tenda CloudFi App or Tenda CloudFi Cloud.

Method 1: Add the switch in LAN

1. Download the Tenda CloudFi App to your mobile device by scanning the QR code or searching for **Tenda CloudFi** in **Google Play** or **App Store**.

GET IT ON Google Play **Or** Download on the App Store

2. Connect your mobile device to the switch's LAN network.
3. Open your Tenda CloudFi App, and tap the project (or create one if no projects exist) to which you want to add the switch.
4. Tap the pop-up window that shows the switch is detected, and add the switch to the project.

🔅 **Tips:**
If the pop-up window does not appear, tap ⊕ and follow the instructions on your screen.

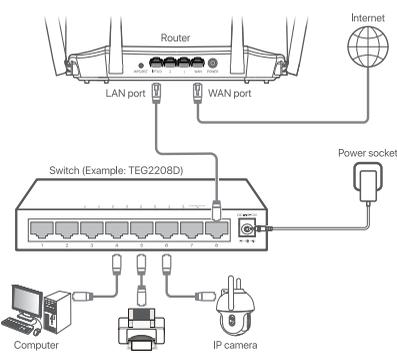### Method 2: Add the switch with a QR code

1. Repeat the step 1 and step 3 in **Method 1**.
2. Scan the QR code on the switch and remotely add the switch to the project.
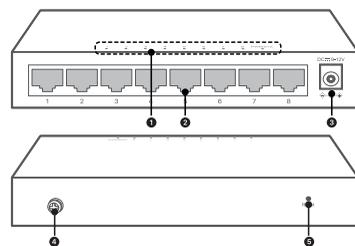
Typical network topology

🔅 **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.

Indicators, buttons and ports

❶ Indicator
❷ RJ45 10/100/1000 Mbps Ethernet port
❸ Power jack
❹ Ground terminal
❺ Reset button

Indicator/Button	Description
PWR/SYS	**Blinking:** The switch works properly. **Off:** The switch is powered off.
1–5/8 (Link/Act)	**Solid on:** The port is connected. **Blinking fast:** Data transmitted over the port is too large and loops can occur. **Blinking slowly:** Data is being transmitted over the port. **Off:** The port is disconnected.
Reset	Used to restore the switch to factory settings. To learn how to reset the switch, see **Q3** in **FAQ**.

FAQ

Q1. I cannot log in to the web UI of the switch. What should I do?

A1. Try the following solutions:
- Ensure that the switch is powered on.
- Ensure that the computer is connected to the switch and the Ethernet cable meets the specification requirements.
- Ensure that the computer and the switch are in the same subnet. For example, if the switch's IP address is 10.16.16.168, the computer's IP address can be set to 10.16.16.X (X ranges from 2–254 excluding 168, and is unused).
- Ensure that the switch's IP address is unique in the local network.
- Clear the cache of the web browser or try another web browser.
If the problem persists, refer to **Q3** to reset the switch and try again.

Q2. I forgot the login password of the switch. What should I do?

A2. Refer to **Q3** to reset the switch, and set a new password on the web UI of the switch.

Q3. How to restore the switch to factory settings?

A3. When the **PWR/SYS** indicator is blinking, press and hold the **Reset** button with a needle-like object for about 10 seconds, and then release when all indicators are solid on. When the **PWR/SYS** indicator blinks again, the switch is restored to factory settings.

Q4. The Link/Act indicator of the switch is off. What should I do?

A4. Try the following solutions.
- Ensure that the switch is powered on.
- Ensure the connected device is powered on and working properly.
- Ensure that the Ethernet cable between the switch and the attached device is connected properly.
- Ensure that the Ethernet cable is not damaged, and the Ethernet cable meets the specification requirements.

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

Safety precautions

Before operating, 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 wall mounting, the device is only suitable for mounting at heights ≤ 2m.
- Operating environment: Temperature: 0°C ~ 40°C (32°F ~ 104°F); Humidity: (10% ~ 90%) RH, non-condensing; Storage environment: Temperature: -20°C ~ 70°C (-4°F ~ 158°F); Humidity: (5% ~ 90%) RH, non-condensing.
- The mains plug is used as the disconnect device and shall remain readily operable.
- The power socket shall be installed near the device and easily accessible.
- Only use attachments/accessories specified by the manufacturer.
- Do not block any ventilation openings.
- Keep the device away from water, heat sources, high electric field, high magnetic field, and inflammable and explosive items.
- Keep the operating environment clean. Remove dust from the device regularly. Cut power before cleaning.
- Ensure proper grounding before device operation. Refer to the **Lightning Protection Guide** on the official website for guidance.
- Disassembling or modifying the device or its accessories without authorization voids the warranty, and might cause safety hazards.
- If such phenomena as smoke, abnormal sound or smell appear when you use the device, immediately stop using it and disconnect its power supply, unplug all connected cables, and contact the after-sales service personnel.
- Disconnect the power source during servicing.
- Refer all servicing to qualified service personnel.
- The device's marking information can be found on its surface.
For the latest safety precautions, see **Safety and Regulatory Information** on www.tendacn.com.

CE mark warning

This is a Class A product.
Warning: Operation of this equipment in a residential environment could 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 (Switch) 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

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.

FCC statement

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.
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.

Technical support

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