

Tenda SG108

Tenda SG108 8-Port Gigabit Ethernet Switch Instruction Manual

Model: SG108 | Brand: Tenda

1. INTRODUCTION

The Tenda SG108 is an unmanaged 8-Port Gigabit Ethernet Switch designed to expand your network with high-speed wired connections. This device offers a simple plug-and-play solution, requiring no configuration or software installation. It is suitable for various environments, including home, surveillance systems, school dormitories, and small businesses, providing stable and lossless data transmission.

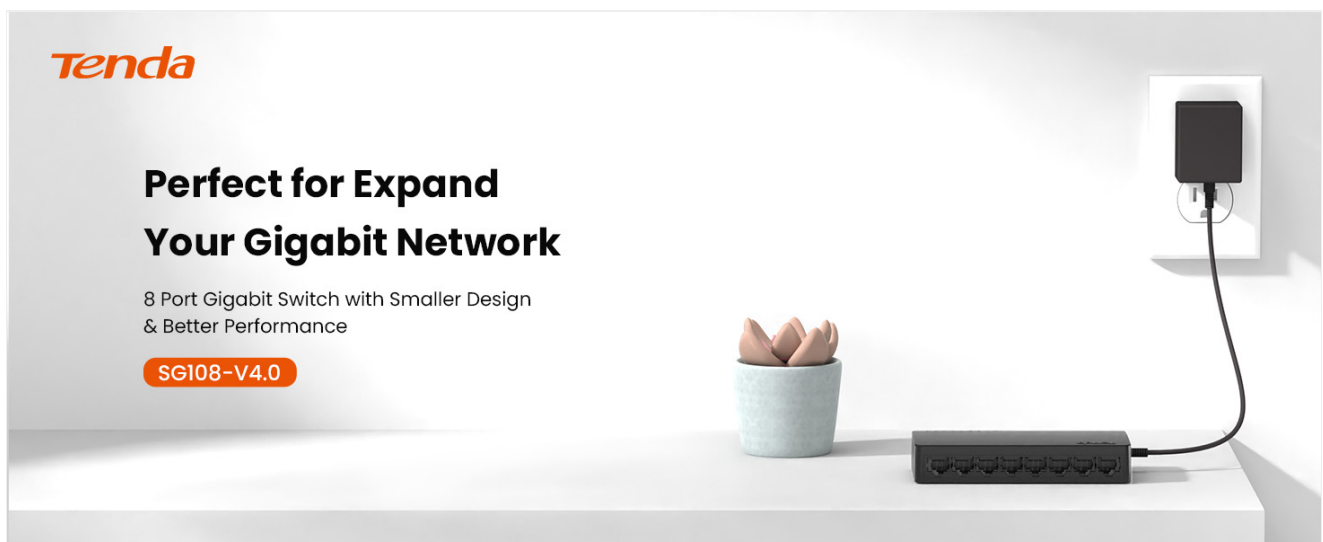


Image 1.1: Tenda SG108 8-Port Gigabit Ethernet Switch, highlighting its role in expanding a gigabit network.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Plug and Play:** Easy setup with no configuration or software required.

- **Gigabit Speed:** Provides 8 10/100/1000Mbps adaptive ports for wire-speed forwarding up to 1000 megabits per second.
- **Stable Lossless Transmission:** Adopts store-and-forward mode, automatically learns and updates MAC addresses, ensuring stable data transmission for 7x24 hours without dropping connections.
- **Network Expansion:** Offers additional wired connections for devices like laptops, gaming consoles, and printers.
- **Intelligent Recognition:** Ports automatically identify parallel and intersecting lines, simplifying network setup.
- **Compact Design:** Small form factor suitable for desktop or wall-mount installation.

8 Port Gigabit Ethernet Switch



Stable Connection
Enterprise quality



High speed
Gigabit rate



Stylish design
Save space



Power saving
Low calorific value

Image 2.1: The Tenda SG108 switch highlighting its stable connection, high speed, stylish design, and power-saving features.

2.2 Package Contents

Verify that your package contains the following items:

- 1 x Tenda SG108 8-Port Gigabit Ethernet Switch

3. SETUP INSTRUCTIONS

The Tenda SG108 switch is designed for easy installation. Follow these steps to set up your device:

3.1 Connecting the Power Adapter

1. Connect the provided power adapter to the power input port on the rear panel of the SG108 switch.
2. Plug the other end of the power adapter into a standard electrical outlet.
3. The power LED indicator on the switch will illuminate, indicating that the device is powered on.

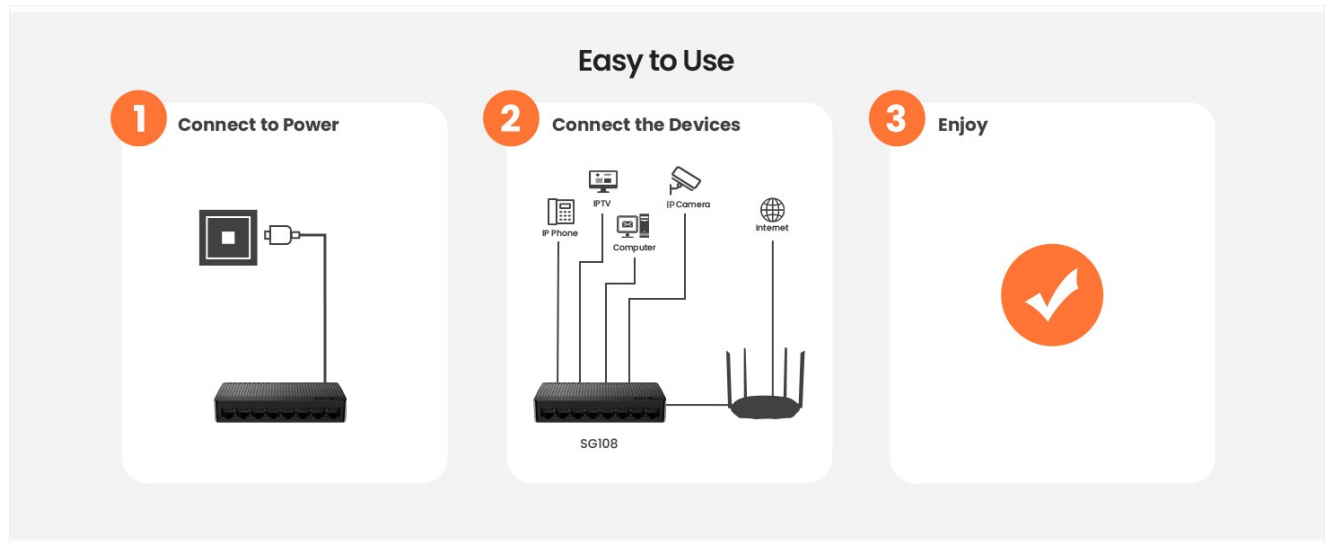


Image 3.1: Easy setup guide for the Tenda SG108, illustrating power and device connections.

3.2 Connecting Network Devices

1. Connect an Ethernet cable from your router or modem to any of the 8 RJ45 ports on the SG108 switch. This port will automatically function as the uplink.
2. Connect your network devices (e.g., computers, gaming consoles, IP cameras, printers) to the remaining RJ45 ports using Ethernet cables.
3. The corresponding LED indicators for each connected port will light up, indicating an active connection.

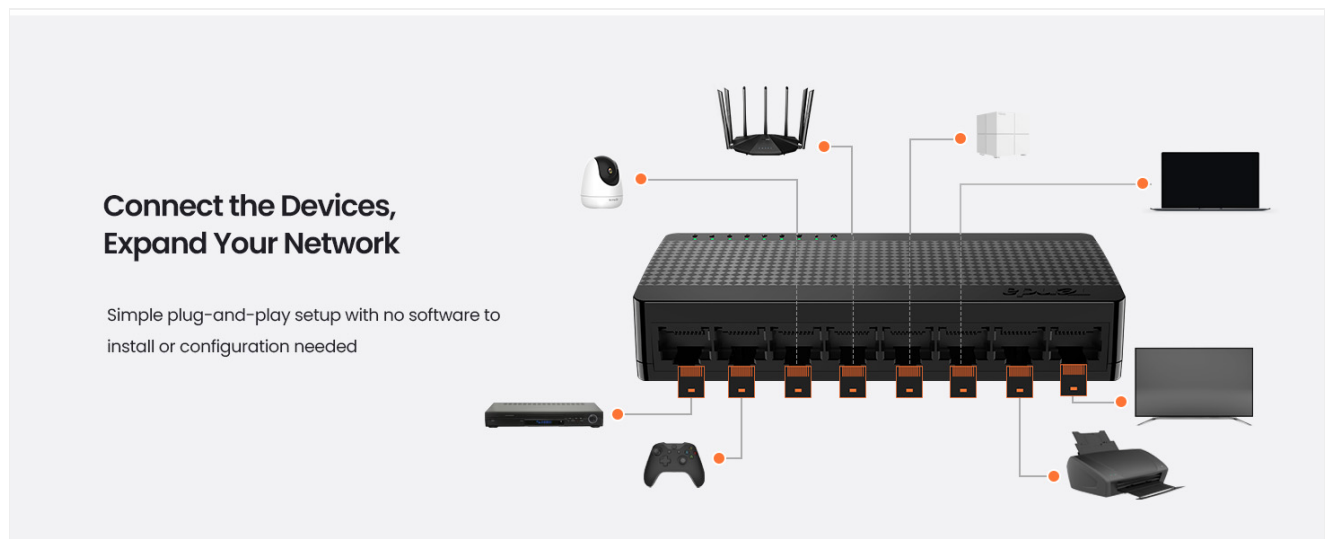


Image 3.2: Illustrates how to connect various devices to the Tenda SG108 switch to expand your network.

3.3 Mounting Options

The SG108 supports both desktop placement and wall-mounting.

- **Desktop Placement:** Simply place the switch on a flat, stable surface. Ensure adequate ventilation around the device.
- **Wall-Mounting:** The switch features mounting slots on its underside. Use appropriate screws (not included) to secure the switch to a wall.

Support Desktop & Wall-mounted



Image 3.3: The Tenda SG108 switch demonstrating both desktop and wall-mounted installation options.

4. OPERATING INSTRUCTIONS

The Tenda SG108 is an unmanaged switch, meaning it operates automatically without requiring user configuration. Once powered on and connected to your network devices, it will begin functioning immediately.

4.1 LED Indicators

The front panel of the SG108 features LED indicators for each port, providing visual feedback on network activity:

- **Solid Green:** Indicates a stable link connection at Gigabit speed.
- **Flashing Green:** Indicates data activity on the port.
- **Off:** No device is connected, or the connected device is powered off.

Stay Connected for 7x24 Hours

8 * 10/100/1000Mbps auto-negotiation RJ45 ports ensure smooth surveillance video playback and stable data transmission for 7x24 hours.



Image 4.1: The Tenda SG108 is designed for continuous, stable operation, ensuring connectivity for 7x24 hours.

4.2 Automatic Features

- **Auto MDI/MDIX:** Eliminates the need for crossover cables. The switch automatically detects the cable type.
- **Auto-Negotiation:** Each port automatically detects the link speed of a connected network device (10, 100, or 1000 Mbps) and intelligently adjusts for compatibility and optimal performance.
- **Full-Duplex/Half-Duplex:** Supports full-duplex mode for 2000Mbps data transfer per port.

5. MAINTENANCE

To ensure optimal performance and longevity of your Tenda SG108 switch, follow these maintenance guidelines:

- **Placement:** Place the switch in a cool, dry, and well-ventilated area. Avoid direct sunlight, heat sources, and areas with high humidity.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the switch. Do not use liquid or aerosol cleaners.
- **Ventilation:** Ensure that the ventilation holes on the device are not blocked to prevent overheating.
- **Power Supply:** Use only the power adapter provided with the device.

- **Cable Management:** Organize network cables to prevent strain on the ports and ensure proper airflow.

6. TROUBLESHOOTING

If you encounter issues with your Tenda SG108 switch, refer to the following common troubleshooting steps:

6.1 No Power

- Ensure the power adapter is securely connected to the switch and a working electrical outlet.
- Verify that the power outlet is functional by plugging in another device.

6.2 No Link/Activity LED

- Check that the Ethernet cable is securely plugged into both the switch port and the connected device.
- Ensure the connected device is powered on and functioning correctly.
- Try using a different Ethernet cable to rule out cable defects.
- Test with a different port on the switch.

6.3 Slow Network Speed

- Ensure all connected devices and cables support Gigabit Ethernet (Cat5e or higher cables are recommended for Gigabit speeds).
- Check for excessive network traffic or bandwidth-intensive applications running on your network.
- Restart the switch and connected devices.

7. SPECIFICATIONS

Feature	Specification
Brand	Tenda
Model Number	SG108
Number of Ports	8
Switch Type	Unmanaged
Interface	RJ45
Data Transfer Rate	2000 Megabits Per Second (Full-Duplex)
Voltage	9 Volts
Current Rating	5 Amps
Upper Temperature Rating	40 Degrees Celsius
Case Material Type	Plastic
Item Weight	159 Grams
Compatible Devices	Router, Mesh, IP devices, Laptop, gaming console, printer, etc.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The Tenda SG108 8-Port Gigabit Ethernet Switch comes with a **3-year manufacturer's warranty**.

8.2 Technical Support

Tenda provides **FREE lifetime 24/7 dedicated technical support**. For assistance, please contact Tenda's support team via phone or email.