

TP-Link DS-1008X

TP-Link DS1008X Omada 8-Port 10G Multi-Gigabit Switch User Manual

Model: DS-1008X

1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of the TP-Link DS1008X Omada 8-Port 10G Multi-Gigabit Switch. This unmanaged switch is designed to provide high-speed network connectivity for small to medium-sized businesses or home offices, offering lightning-fast data transfer speeds for demanding applications.

Please read this manual thoroughly before using the device to ensure proper setup and safe operation.

2. SAFETY INFORMATION

- Ensure the power supply voltage is compatible with the device's requirements.
- Do not expose the device to water or excessive humidity.
- Avoid placing the device in direct sunlight or near heat sources.
- Ensure proper ventilation around the device to prevent overheating.
- Do not open the device casing. Refer all servicing to qualified personnel.
- Use only the power adapter provided with the device.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- TP-Link DS1008X Omada 8-Port 10G Multi-Gigabit Switch
- Power Cord
- User Manual (this document)
- Rackmount Kit (sold separately, if applicable)

4. PHYSICAL OVERVIEW

4.1 Front Panel



Figure 4.1: Front Panel of DS1008X Switch. Shows the power LED and eight 10G multi-gigabit RJ45 ports, each with corresponding link/activity LEDs.

- **Power LED:** Indicates the power status of the switch.
- **10G Multi-Gigabit Ports (1-8):** Eight RJ45 ports supporting 100Mbps, 1Gbps, 2.5Gbps, 5Gbps, and 10Gbps speeds.
- **Link/Act LEDs:** Each port has an LED indicating link status and data activity.

4.2 Rear Panel



Figure 4.2: Rear Panel of DS1008X Switch. Shows the Kensington security slot and the AC power inlet.

- **AC Power Inlet:** Connects to the provided power cord.
- **Kensington Security Slot:** For attaching a security cable to prevent theft.

4.3 Angled View



Figure 4.3: Angled View of DS1008X Switch. Provides a perspective of the overall compact design and ventilation on the side.

5. SETUP

5.1 Placement Considerations

- Place the switch on a stable, flat surface or mount it in a standard 19-inch rack (rackmount kit sold separately).

- Ensure adequate space around the switch for proper airflow and heat dissipation.
- Keep the switch away from strong electromagnetic interference sources.

5.2 Connecting the Power

1. Connect one end of the provided power cord to the AC power inlet on the rear panel of the switch.
2. Connect the other end of the power cord to a standard electrical outlet.
3. The Power LED on the front panel will illuminate, indicating the switch is receiving power.

5.3 Connecting Network Devices

1. Using standard Ethernet cables (Cat5e or higher for Gigabit, Cat6a or higher for 10G), connect your network devices (e.g., computers, servers, network-attached storage, routers) to any of the 10G Multi-Gigabit ports (1-8) on the front panel of the switch.
2. The corresponding Link/Act LED for the connected port will light up, indicating a successful connection. It will blink to show data activity.

6. OPERATING

The TP-Link DS1008X is an unmanaged switch, meaning it operates on a plug-and-play basis and requires no configuration. Once powered on and connected to network devices, it will automatically detect and negotiate the optimal speed for each connected device.

6.1 LED Indicators

- **Power LED:**
 - **On:** The switch is powered on.
 - **Off:** The switch is powered off.
- **Link/Act LEDs (per port):**
 - **On:** A device is connected to the port.
 - **Blinking:** Data is being transmitted or received through the port.
 - **Off:** No device is connected or the connected device is not powered on.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the switch. Do not use liquid or aerosol cleaners.
- **Ventilation:** Periodically check that the ventilation openings are not blocked by dust or debris.
- **Power Cycle:** If the switch experiences issues, try power cycling it by unplugging the power cord, waiting 10 seconds, and then plugging it back in.
- **Environmental Conditions:** Ensure the operating environment remains within the specified temperature and humidity ranges (refer to Specifications section).

8. TROUBLESHOOTING

8.1 No Power

- Ensure the power cord is securely connected to both the switch and the electrical outlet.
- Verify that the electrical outlet is functioning correctly by plugging in another device.

8.2 No Link Light on Port

- Check if the Ethernet cable is securely connected to both the switch port and the network device.
- Ensure the connected network device is powered on and functioning correctly.
- Try using a different Ethernet cable to rule out cable issues.
- Try connecting to a different port on the switch.

8.3 Slow Network Speed

- Ensure all connected devices and cables support the desired speed (e.g., 10G for 10 Gigabit performance). Using older cables (e.g., Cat5) or devices that only support lower speeds will limit the overall network performance.
- Check for network congestion or high traffic on connected devices.
- Verify that the switch is placed in a well-ventilated area to prevent performance degradation due to overheating.

9. SPECIFICATIONS

Feature	Description
Model	DS-1008X
Switch Type	Unmanaged
Number of Ports	8 x 10G Multi-Gigabit RJ45 Ports
Dimensions (L x W x H)	11.57" x 7.09" x 1.73" (29.39 cm x 18.01 cm x 4.39 cm)
Item Weight	7 Pounds (3.18 kg)
Case Material	Metal
Maximum Power Consumption	31.2 Watts
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Operating Humidity	10% to 90% non-condensing
Storage Humidity	5% to 90% non-condensing
UPC	840030712463

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official TP-Link website or contact TP-Link customer service directly. Keep your purchase receipt for warranty claims.

TP-Link Official Website: www.tp-link.com

Support Contact: Refer to the support section on the TP-Link website for regional contact information and support resources.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question