

D-Link DES-1008E

D-Link 8-Port Fast Ethernet Desktop Switch (DES-1008E) User Manual

1. INTRODUCTION

The D-Link DES-1008E is an 8-Port Fast Ethernet Desktop Switch designed to expand your network connectivity. This unmanaged switch provides eight 10/100 Mbps Ethernet ports, allowing you to connect multiple devices such as computers, printers, and network-attached storage (NAS) to your network. It supports full-duplex mode, delivering up to 200 Mbps throughput per port for efficient data transfer. The plug-and-play design ensures easy installation without the need for software configuration.

2. PACKAGE CONTENTS

Please verify that your package contains the following items:

- D-Link DES-1008E 8-Port Fast Ethernet Desktop Switch
- Power Adapter
- Quick Installation Guide

If any items are missing or damaged, please contact your local D-Link reseller for assistance.

3. SETUP

Follow these steps to set up your D-Link DES-1008E switch:

1. **Position the Switch:** Place the switch on a flat, stable surface or mount it to a wall using appropriate hardware (not included). Ensure adequate ventilation around the device.
2. **Connect the Power Adapter:** Plug the provided power adapter into the power port on the back of the DES-1008E switch. Connect the other end of the power adapter to a standard electrical outlet. The power LED on the front of the switch should illuminate.
3. **Connect Network Devices:** Connect your network devices (e.g., computers, routers, game consoles) to any of the eight Ethernet ports on the switch using standard Ethernet cables. The

corresponding port LED on the front of the switch will illuminate when a connection is established.



Figure 1: Front view of the D-Link DES-1008E switch, showing the power indicator and eight port status LEDs.



Figure 2: Rear view of the D-Link DES-1008E switch, illustrating the eight Ethernet ports for device connections.

The D-Link DES-1008E is a plug-and-play device, requiring no software installation or configuration. Once connected, your devices should automatically detect the network connection.

4. OPERATING THE SWITCH

The DES-1008E operates automatically once powered on and connected. It functions as an unmanaged switch, meaning it requires no user intervention for basic network traffic management.

LED Indicators:

- **Power LED:** Illuminates green when the switch is receiving power.
- **Port LEDs (1-8):** Each port has an associated LED. This LED illuminates green when a device is connected to the port and flashes to indicate network activity (data transmission).

5. MAINTENANCE

To ensure optimal performance and longevity of your D-Link DES-1008E switch, consider the following maintenance guidelines:

- **Cleaning:** Gently wipe the exterior of the switch with a soft, dry cloth. Avoid using liquid or aerosol cleaners directly on the device.

- **Ventilation:** Ensure that the ventilation slots on the switch are not blocked. Proper airflow prevents overheating.
- **Environment:** Operate the switch within its specified temperature and humidity ranges. Avoid exposing it to direct sunlight, excessive heat, or moisture.
- **Power Cycle:** If the switch experiences issues, a simple power cycle (unplugging and replugging the power adapter) can often resolve minor problems.

6. TROUBLESHOOTING

If you encounter issues with your D-Link DES-1008E switch, refer to the following troubleshooting tips:

- **No Power:**
 - Ensure the power adapter is securely connected to both the switch and a working electrical outlet.
 - Verify that the electrical outlet is functional by plugging in another device.
 - Check the power adapter for any visible damage.
- **No Link/Activity on a Port:**
 - Confirm that the Ethernet cable is securely plugged into both the switch port and the connected device.
 - Try a different Ethernet cable to rule out a faulty cable.
 - Connect a different device to the same port to check if the port is functional.
 - Ensure the connected device is powered on and its network adapter is enabled.
- **Slow Network Performance:**
 - Verify that all connected devices are operating at their expected speeds.
 - Check for excessive network traffic or bandwidth-intensive applications running on connected devices.
 - Ensure your internet service provider (ISP) is delivering the expected speeds to your router.
- **High-Pitched Sound from Power Adapter:**
 - Some users have reported a high-pitched sound from the included power adapter. If this occurs, consider using an alternative 5V power supply with compatible specifications. Ensure the replacement power supply meets the voltage and current requirements of the switch to avoid damage.

7. SPECIFICATIONS

Model Number	DES-1008E
Number of Ports	8
Ethernet Standard	10/100 Mbps Fast Ethernet
Data Transfer Rate	Up to 200 Mbps (full-duplex)
Switching Capacity	1.6 Gbps
MAC Address Table Size	1K entries

Power Input	5V DC
Item Weight	9.44 ounces
Color	Black

8. WARRANTY AND SUPPORT

The D-Link DES-1008E 8-Port Fast Ethernet Desktop Switch comes with a **Limited Lifetime Warranty**. For detailed warranty terms and conditions, please refer to the warranty information provided with your product or visit the official D-Link website.

For technical support, product registration, or to download the latest firmware and documentation, please visit the D-Link support website or contact D-Link customer service in your region. Support contact information can typically be found on the D-Link official website.