

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [D-Link](#) /

› [D-Link DGS-1005G 5-Port Gigabit Ethernet Switch User Manual](#)

D-Link DGS-1005G

D-Link DGS-1005G 5-Port Gigabit Ethernet Switch User Manual

Model: DGS-1005G | Brand: D-Link

1. INTRODUCTION

The D-Link DGS-1005G is a 5-Port Gigabit desktop switch designed to expand your network with high-speed connectivity. It offers a simple plug-and-play installation, making it ideal for home and small office environments. This unmanaged switch automatically detects network speeds and cable types, providing immediate network connectivity without complex configuration.

Key Features

- 5 Gigabit ports for high-speed wired connections.
- D-Link Green technology helps conserve energy when the device is not in use.
- Ideal for Gigabit Ethernet storage and gaming applications.
- Plug and play installation requires no software configuration.
- QoS (Quality of Service) support provides clear VoIP calls and smooth online gaming by prioritizing network traffic.

2. PACKAGE CONTENTS

Verify that your package contains the following items:

- D-Link DGS-1005G 5-Port Gigabit Ethernet Switch Device
- Power Adapter
- Mounting Screws (if applicable)
- Warranty Card
- Quick Installation Guide (QIG)

3. PRODUCT OVERVIEW



Figure 1: Front view of the D-Link DGS-1005G 5-Port Gigabit Ethernet Switch, showing its compact design.



Figure 2: Rear view of the D-Link DGS-1005G 5-Port Gigabit Ethernet Switch, highlighting the five RJ45 Gigabit Ethernet ports labeled 1 through 5.

5-Port Gigabit Desktop Switch

DGS-1005G

- ✓ 5 high-speed Gigabit ports
- ✓ QoS support provides clear VoIP calls and smooth online gaming
- ✓ Compact design for convenient placement
- ✓ Fanless design for silent operation
- ✓ Innovative D-Link Green energy saving features



D-Link[®]

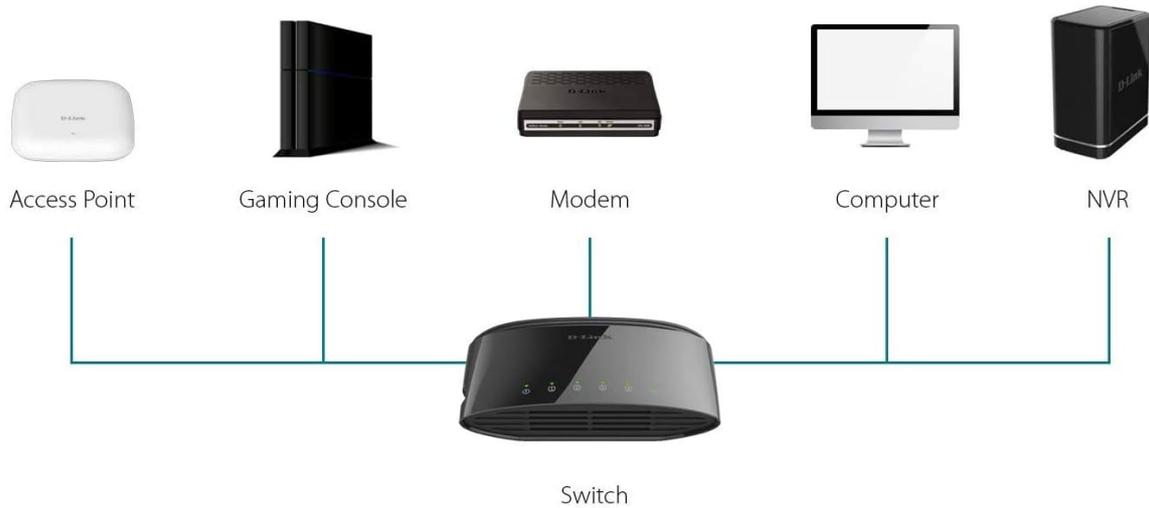
Figure 3: Top-down view of the D-Link DGS-1005G 5-Port Gigabit Ethernet Switch, showing the D-Link logo and LED indicators for power and port activity.

Unmanaged Switches

Hassle-free expansion

Plug-and-Play - Requires No configuration.

Simply connect multiple computers and share files, music, and video across your network, or create a multiplayer gaming environment.



D-Link[®]

Figure 4: Image illustrating the key features of the D-Link DGS-1005G, including 5 high-speed Gigabit ports, QoS support, compact design, fanless operation, and D-Link Green energy-saving features.

D-Link Switches

Need more ports? We've got you covered!



For Home & Business

Unmanaged and
1100 Series Smart Managed



For Small & Medium Business

1210 Series Smart Managed and
1510 Series Smart Managed



For Enterprise

Fully Managed L2, L3 and
10 GIG Series Switches

Figure 5: Diagram showing how the D-Link DGS-1005G unmanaged switch connects various devices like an Access Point, Gaming Console, Modem, Computer, and NVR for hassle-free network expansion.



Figure 6: Image of the D-Link DGS-1005G product packaging, emphasizing 5 Gigabit ports, Plug-and-Play, and D-Link Green technology.

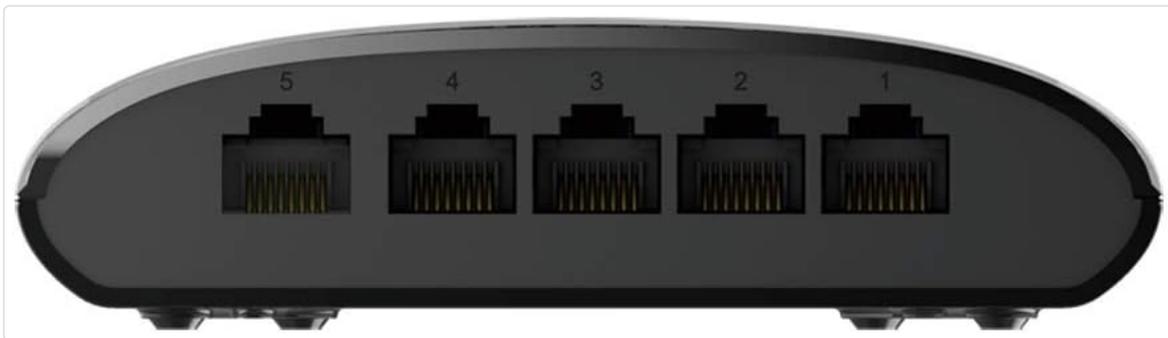


Figure 7: Angled view of the D-Link DGS-1005G 5-Port Gigabit Ethernet Switch, showing the power input and the five RJ45 ports.



Figure 8: Side view of the D-Link DGS-1005G 5-Port Gigabit Ethernet Switch, showing the ventilation slots and LED indicators.

4. SETUP INSTRUCTIONS

Step 1: Unpack the Switch

Carefully remove the DGS-1005G switch and its accessories from the packaging. Ensure all components listed in the "What's in the Box" section are present.

Step 2: Connect the Power Adapter

Plug the power adapter into the power port on the back of the DGS-1005G switch. Connect the other end of the power adapter to a standard electrical outlet. The Power LED on the switch will illuminate, indicating it is receiving power.

Step 3: Connect Network Devices

Use standard Ethernet cables (Cat5e or higher recommended for Gigabit speeds) to connect your network devices (e.g., computers, printers, gaming consoles, routers) to any of the five available Gigabit Ethernet ports on the switch.

The LED indicator for each connected port will light up, indicating an active connection. A green light typically signifies a Gigabit connection, while an amber light might indicate a 10/100 Mbps connection.

5. OPERATING INSTRUCTIONS

The DGS-1005G is an unmanaged switch, meaning it requires no configuration. Once powered on and connected, it automatically detects network speeds and cable types, providing immediate network connectivity to all connected devices.

LED Indicators

- **Power LED:** Solid green when the switch is powered on.
- **Link/Act LEDs (per port):**
 - Solid green: A device is connected at Gigabit speed.

- Flashing green: Data is being transmitted or received at Gigabit speed.
- Solid amber: A device is connected at 10/100 Mbps speed.
- Flashing amber: Data is being transmitted or received at 10/100 Mbps speed.
- Off: No device is connected or the connected device is powered off.

Your browser does not support the video tag.

Video 1: An overview of the D-Link 5-Port Unmanaged Switch, demonstrating its features and ease of use. This video is provided by Geekazine.

6. MAINTENANCE

The DGS-1005G is designed for reliable, fanless operation and typically requires minimal maintenance. Follow these guidelines to ensure optimal performance and longevity:

- **Placement:** Place the switch in a cool, dry location away from direct sunlight, heat sources, and excessive moisture. Ensure adequate ventilation around the device to prevent overheating.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the switch. Do not use liquid or aerosol cleaners, as they may damage the device.
- **Firmware:** As an unmanaged switch, firmware updates are generally not required. The device operates without user-configurable software.

7. TROUBLESHOOTING

If you encounter issues with your DGS-1005G switch, refer to the following troubleshooting tips:

No Power LED

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

No Link/Act LED for a Connected Device

- Check that the Ethernet cable is securely plugged into both the switch port and the network device.
- Try a different Ethernet cable. Ensure it is a Cat5e or Cat6 cable for Gigabit speeds.
- Ensure the connected network device is powered on and functioning correctly.
- Try connecting the device to a different port on the switch.

Slow Network Speed

- Ensure all connected devices and cables support Gigabit Ethernet for optimal performance.
- Check for network congestion by disconnecting non-essential devices.
- Restart the switch and all connected devices.

8. SPECIFICATIONS

Feature	Specification
Product Dimensions	11.02"L x 0.98"H
Item Weight	3.2 ounces
Voltage	5 Volts
Case Material	Metal
Interface Type	RJ45
Data Transfer Rate	2000 Megabits Per Second (Full Duplex)
Number of Ports	5
Brand	D-Link
Model Number	DGS-1005G

9. WARRANTY AND SUPPORT

For detailed warranty information, technical support, and additional resources, please refer to the documentation included with your D-Link DGS-1005G 5-Port Gigabit Ethernet Switch. You can also visit the official D-Link website for the latest support information, FAQs, and contact options.