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D-Link DGS-1210-08P

D-Link DGS-1210-08P Smart Switch User Manual

Model: DGS-1210-08P

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, configuration, operation, and maintenance of your D-Link DGS-1210-08P Smart Switch. The DGS-1210 series represents the third generation of D-Link Web Smart Switches, designed to integrate advanced security and management functions for optimal application performance and modularity. Its innovative fanless design ensures silent operation and extended durability, making the DGS-1210 an efficient and cost-effective solution for small and medium-sized businesses (SMBs).

2. PRODUCT OVERVIEW

2.1 Key Features

- Features 8 Power over Ethernet (PoE) ports.
- These PoE ports provide up to 15.4 W per port.
- Offers the flexibility to connect 802.3af compatible devices, such as network cameras and IP phones.
- Includes 2 Gigabit SFP ports for fiber optic connections.
- Web-managed interface for advanced configuration.

2.2 Package Contents

- D-Link DGS-1210-08P Smart Switch Unit
- Power Adapter
- Rackmount Kit (if applicable)

2.3 Product Views



Figure 1: Angled view of the D-Link DGS-1210-08P Smart Switch, showcasing its compact design and port layout.



Figure 2: Front view of the D-Link DGS-1210-08P Smart Switch, highlighting the 8 Gigabit Ethernet ports and 2 SFP ports, along with LED indicators.



Figure 3: Rear view of the D-Link DGS-1210-08P Smart Switch, showing the power input and grounding screw.

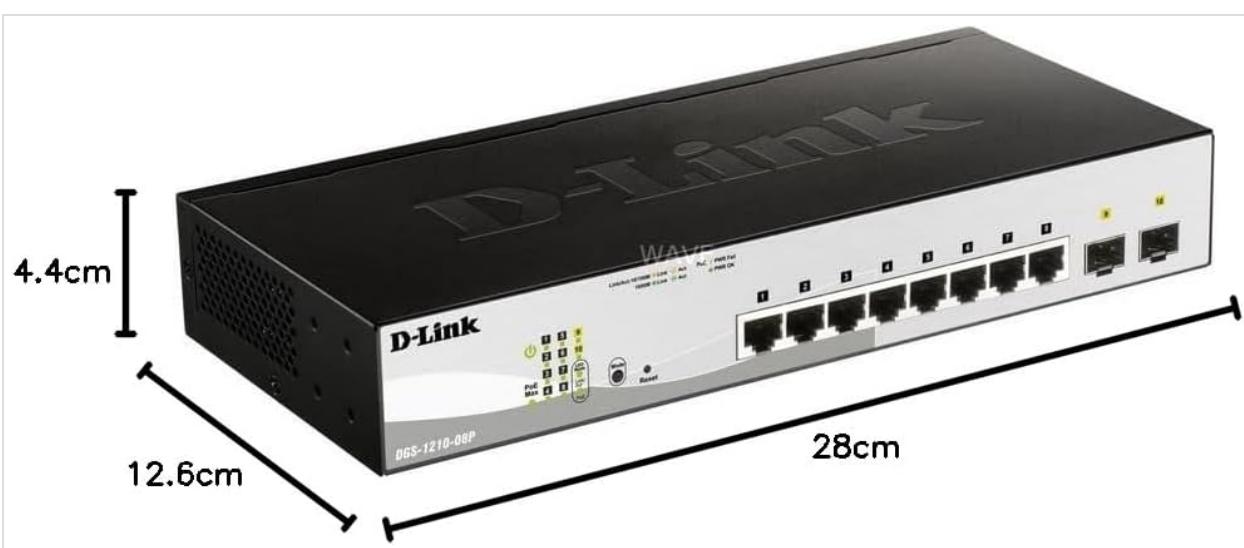


Figure 4: D-Link DGS-1210-08P Smart Switch with key dimensions indicated: 28 cm length, 12.6 cm width, and 4.4 cm height.

3. SETUP

3.1 Physical Installation

1. **Placement:** Position the switch on a flat, stable surface or mount it in a standard 19-inch equipment rack using the provided rackmount kit. Ensure adequate ventilation around the unit.
2. **Environment:** Avoid placing the switch in direct sunlight, near heat sources, or in areas with high humidity or dust.

3.2 Power Connection

1. Connect the power adapter to the power input port on the rear panel of the switch.
2. Plug the other end of the power adapter into a suitable power outlet.
3. Verify that the Power LED on the front panel illuminates, indicating the switch is receiving power.

3.3 Network Connection

1. Connect your network devices (computers, servers, network cameras, IP phones) to the RJ45 Ethernet ports (1-8) on the front panel using standard Ethernet cables.
2. For fiber optic connections, insert SFP transceivers into the SFP ports (9-10) and connect fiber optic cables.
3. For PoE-powered devices, connect them to any of the 8 PoE-enabled ports. The switch will automatically detect and provide power to compatible devices.

3.4 Initial Configuration

The DGS-1210-08P is a managed switch, allowing for advanced configuration via a web-based graphical user interface (GUI). Refer to the detailed D-Link documentation for specific instructions on accessing and configuring the web interface, including default IP addresses and login credentials.

4. OPERATING INSTRUCTIONS

4.1 Power over Ethernet (PoE) Functionality

The switch's 8 PoE ports automatically detect and supply power to IEEE 802.3af compliant devices. This eliminates the need for separate power cables for devices like IP cameras or VoIP phones, simplifying deployment and reducing cable clutter.

4.2 Data Transfer

The Gigabit Ethernet ports support high-speed data transfer up to 1000 Mbps, while the SFP ports provide flexible uplink options. The switch operates automatically to forward data packets between connected devices.

5. MAINTENANCE

5.1 Cleaning

Regularly clean the exterior of the switch with a soft, dry cloth. Do not use liquid or aerosol cleaners. Ensure ventilation openings are free from dust and obstructions.

5.2 Firmware Updates

Periodically check the D-Link support website for firmware updates. Keeping the switch's firmware up-to-date ensures optimal performance, security, and access to new features.

6. TROUBLESHOOTING

6.1 Power Issues

- If the Power LED is off, ensure the power adapter is securely connected to both the switch and a working power outlet.
- Test the power outlet with another device to confirm it is functional.

6.2 Connectivity Issues

- Check that Ethernet cables are securely connected to both the switch and the network device.
- Verify that the Link/Act LED for the connected port is illuminated or blinking, indicating a valid connection and activity.
- Ensure the connected device is powered on and configured correctly.

6.3 PoE Issues

- Confirm that the connected device is IEEE 802.3af compliant.
- Check the PoE status LEDs on the switch for any error indications.
- Ensure the total power budget (65W) is not exceeded by all connected PoE devices.

7. SPECIFICATIONS

Product Dimensions	28L x 12.6W x 4.4H cm
Item Weight	1.23 Kilograms
Voltage	240 Volt
Housing Material Type	Plastic
Maximum Power (PoE Budget)	65 Watt
Interface Type	SFP, RJ45
Data Transfer Rate	2000 Megabits per second
Rated Current	2 Ampere
Manufacturer	D-Link Mediterraneo S.r.l.
Brand	D-Link
Series	DGS-1210-08P
Color	Black
Item Model Number	DGS-1210-08P
Number of Ethernet Ports	8

Total Wattage	97 watt
Power Supply Type	Type F Connector (EU)
Included Components	Switch Unit

8. WARRANTY AND SUPPORT

8.1 Warranty Information

This product originates from and is shipped within the European Economic Area (EEA). It is an original product from manufacturer-authorized distributors. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official D-Link website.

8.2 Technical Support

For further assistance, technical support, or to download the latest drivers and firmware, please visit the official D-Link support website: www.dlink.com/support.

Related Documents - DGS-1210-08P

	<p>D-Link DGS-1210-ME B1 Series Firmware Release Notes</p> <p>This document provides release notes for D-Link DGS-1210-ME B1 Series network switches, detailing firmware versions, upgrade instructions, new features, changes in command line interface, problems fixed, and known issues.</p>
	<p>D-Link DGS-1210-16 Managed L2 Gigabit Ethernet Switch Technische Daten</p> <p>Umfassende technische Spezifikationen für den D-Link DGS-1210-16 Managed L2 Gigabit Ethernet Switch, einschließlich Port-Konfiguration, Leistung, Sicherheit und Betriebsbedingungen.</p>
	<p>D-Link DGS-1100 Series Gigabit Smart Managed Switches Datasheet</p> <p>Comprehensive datasheet for the D-Link DGS-1100 Series Gigabit Smart Managed Switches, detailing features, technical specifications, and software capabilities for SOHO and SMB environments. Includes information on PoE, VLAN, QoS, and surveillance optimization.</p>

 <p>Quick Installation Guide Краткое руководство по установке</p>	<p>D-Link DGS-1210-08P L2 Managed PoE Switch Quick Installation Guide</p> <p>Quick installation guide for the D-Link DGS-1210-08P L2 Managed Switch, covering package contents, device interfaces, installation, grounding, power, management options, and technical specifications.</p>
	<p>D-Link PoE Guide: Power over Ethernet Technology Explained</p> <p>Learn about Power over Ethernet (PoE) with D-Link's comprehensive guide. Understand PoE standards (802.3af, 802.3at, 802.3bt), their benefits, compatible devices, and explore D-Link's range of PoE switches and injectors for efficient network power solutions.</p>
	<p>D-Link DGS-1210-52X/ME Managed L2 Switch: Features, Specifications, and Ordering Information</p> <p>Comprehensive datasheet for the D-Link DGS-1210-52X/ME, a 48-port 10/100/1000Base-T and 4-port 10GBase-X SFP+ managed Layer 2 switch. Details features, performance, security, management, and technical specifications.</p>