



NOW up to
84%
Power Savings*

*Maximum power savings when compared to a D-Link conventional switch. Uses up to 84% less energy when connected devices are powered down and up to 75% less energy when connected devices are used 10 hours and powered down 14 hours over a 24-hour period, when connected via 3 meter Ethernet cables.



8-PORT 10/100/1000 DESKTOP SWITCH

Reduces energy consumption
& eco-friendly



Add more computers and devices
to your wired network



Ideal for gigabit ethernet
storage and gaming



IDEAL FOR EXPANDING YOUR GIGABIT NETWORK

The D-Link® 8-port 10/100/1000 Desktop Switch (DGS-2208) provides an excellent solution for expanding your Gigabit network. Gigabit speed is 10 times faster than a 100Mbps Fast Ethernet connection, enabling you to save time transferring bandwidth-intensive music, video, photos, graphic, and data files. By sharing the Internet, your users can check e-mail, browse the web, chat with friends and family, and play online games using their own computer. To increase the functionality of your network, you can also add other Ethernet-enabled devices such as a print server, Network-Attached Storage (NAS), and network camera.

GREAT FOR VOIP, VIDEO & GAMING

This 8-port Gigabit Switch supports Quality of Service (QoS) that improves the delivery of time-sensitive applications such as voice, video, and gaming traffic. With this support, make and receive jitter-free Voice over IP (VoIP) calls and experience lag-free LAN gaming.²

HIGH-SPEED NETWORKING

This 8-port Gigabit Switch's non-blocking architecture, with a total of 16Gbps of switching capacity (2Gbps per port in full-duplex mode), sends and forwards data at full wire-speed for maximum throughput. Features like MAC address learning and aging, along with 802.3x flow control alleviate traffic congestion, ensuring reliable and efficient transmission of data. Supporting IEEE 802.3, 802.3u, 802.1p, and 802.3ab standards, this 8-port Gigabit Switch is compatible with 10BASE-T, 100BASE-TX, and 1000BASE-T networks and devices.

THINK GREEN

D-Link Green™ technology implements power-saving features to help make your network environmentally friendly without compromising performance. The DGS-2208 automatically powers down ports that have no link, budgets power output for different Ethernet cable lengths, and uses an Energy Star® Qualified power adapter. It also complies with the EU's RoHS directive restricting the use of certain hazardous materials.

Delivering exceptional performance, quality, and reliability, the D-Link 8-port 10/100/1000 Desktop Switch (DGS-2208) is the right choice for expanding your wired network or setting up an extreme LAN gaming environment.

WHAT THIS PRODUCT DOES

Expand your wired network with the D-Link 8-port 10/100/1000Mbps Desktop Switch. This 8-port Gigabit Switch lets you network up to eight Ethernet-enabled devices at speeds of up to 2000Mbps. Designed to support Gigabit devices, it is also compatible with Fast Ethernet devices. It is ideal for multimedia, graphics, and applications requiring large file transfers across your network. The QoS feature helps improve performance when using Voice over IP (VoIP) or when gaming.²

HASSLE-FREE EXPANSION

This 8-port Desktop Switch requires no configuration, which makes setup simple and hassle-free. Easily connect multiple computers and share files, music, and video across your network, or create a multiplayer gaming environment. Plus, the included Cable Diagnostic LED helps determine if there are faults with your Ethernet cables, allowing you to quickly troubleshoot connection problems.

THINK GREEN

D-Link Green™ devices provide eco-friendly alternatives without compromising performance. They are designed to help conserve energy, protect our environment from harmful substances, and reduce waste by using recyclable packaging.

CONSERVING ENERGY

- Ports that have no link are automatically powered down
- Power levels are automatically managed for connected cable lengths
- Energy Star® qualified power adapter reduces power consumption

PROTECTING THE ENVIRONMENT

- Complies with the European Union's RoHS directive that restricts the use of certain hazardous materials
- Uses recyclable packaging to help reduce waste that goes into the environment

POWER SAVINGS

Maximum savings when connected devices are powered down* **UP TO 84%**

Maximum savings over a 24-hour period* **UP TO 75%**

*Maximum power savings when compared to a D-Link conventional switch. Uses up to 84% less energy when connected devices are powered down and up to 75% less energy when connected devices are used 10 hours and powered down 14 hours over a 24-hour period, when connected via 3 meter Ethernet cables.



TECHNICAL SPECIFICATIONS

STANDARDS

- + IEEE 802.3 10Base-T Ethernet
- + IEEE 802.3u 100Base-TX Fast Ethernet
- + IEEE 802.3ab 1000Base-T Gigabit Ethernet
- + IEEE 802.3 Nway Auto-negotiation
- + IEEE 802.3x Flow Control
- + IEEE 802.1p QoS Prioritization

FEATURES

- + Number of Ports: Eight 10/100/1000BASE-T
- + MAC Address Table: 4k
- + Switch Fabric: 16Gbps
- + Packet Buffer Memory: 192KBytes per Device
- + Transmission Method: Store-and-forward
- + Jumbo Frames: Up to 9720 Bytes
- + Cable Diagnostic LEDs

NETWORK DATA TRANSFER RATE

- + Ethernet: 10Mbps (Half-duplex)
- + Ethernet: 20Mbps (Full-duplex)
- + Fast Ethernet: 100Mbps (Half-duplex)
- + Fast Ethernet: 200Mbps (Full-duplex)
- + Gigabit Ethernet: 1000Mbps (Half-duplex)
- + Gigabit Ethernet: 2000Mbps (Full-duplex)

INTERFACE OPTIONS

RJ-45: 10BASE-T, 100BASE-TX Universal, 1000BASE-T UTP
Cable Recognition for Straight-through or Crossover Cables

CERTIFICATIONS

FCC Class B, CE, VCCI, cUL

LEDs

- + Per Unit: Power
- + Per Port: Link/Activity, 100/1000Mbps

POWER CONSUMPTION

5.2 Watts Maximum

POWER SUPPLY

- + Switching 5V/2A
- + Linear AC-DC 7.5V/1A

OPERATING TEMPERATURE

32°F to 104°F (0°C to 40°C)

OPERATING HUMIDITY

5% ~ 90% (Non-condensing)

DIMENSIONS

- + Item (WxDxH): 7.5" x 4.6" x 1.4"
(191mm x 117mm x 35mm)
- + Packaging (WxDxH): 11.8" x 8.2" x 4.8"
(300mm x 208mm x 122mm)

WEIGHT

- + Item: 1.2 lbs (0.5 kg)
- + Packaging: 2.5 lbs (1.1 kg)

WARRANTY

Limited Lifetime³

¹ Maximum power savings when compared to a D-Link conventional switch. Uses up to 84% less energy when connected devices are powered down and up to 75% less energy when connected devices are used 10 hours and powered down 14 hours over a 24-hour period, when connected via 20 meter Ethernet cables.

² All attached devices must support 802.p queuing to allow QoS functionality.

³ Limited Lifetime Warranty available only in the USA and Canada if purchased on or after June 1, 2010. Visit www.dlink.com for warranty details.

⁴ Latest software and documentation are available at <http://support.dlink.com>.

D-Link Green features available on hardware version C1 or later. Specifications contained herein are based on hardware version D1. All references to speed are for comparison purposes only. Product specifications, size, and shape are subject to change without notice and actual product appearance may differ from that depicted herein.

Hardware v. D1

MINIMUM SYSTEM REQUIREMENTS

- + Devices Supporting 802.3 Ethernet, 802.3u Fast Ethernet, or 802.3ab Gigabit Ethernet
- + CAT5 Ethernet Cable
- + Network Interface Card for Each Computer
- + CD-ROM Drive to View Product Documentation

PACKAGE CONTENTS

- + 8-Port 10/100/1000 Desktop Switch
- + Power Adapter
- + Wall Mount Kit
- + Rubber Feet
- + CD-ROM⁴ with Product Documentation

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