



## 8-PORT 10/100/1000 DESKTOP SWITCH

### HIGH PERFORMANCE EXPANSION

Add more devices and computers to your wired network

### ZERO CONFIGURATION

No software or configuration required - just connect it to your network and you are up and running

### IDEAL FOR VOIP AND GAMING

QoS feature helps reduce jitter and lag



### 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 quicker than 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 Internet 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.<sup>1</sup>

### 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.

### EASY TO INSTALL AND USE

The DGS-2208 requires no configuration. It is compact in size, making it ideal for desktops with limited space. It also includes a wall mount kit, giving you the option of installing it on a wall or underneath a desk. Supporting Auto-MDI/MDI-X, this 8-port Gigabit Switch eliminates the need for crossover cables and uplink ports. Easy-to-read LEDs display status and activity, and the cable diagnostics feature checks the condition of your Ethernet cables to see if any of them require replacement.

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

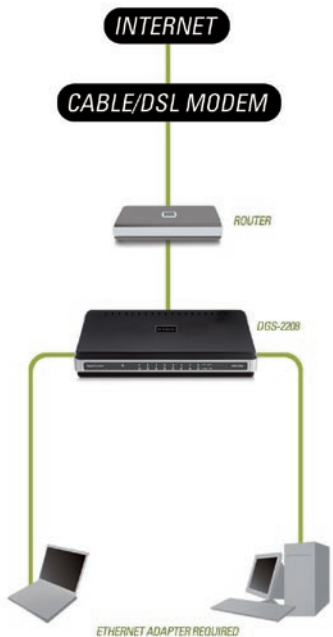
Expand your wired network with the D-Link 8-port 10/100/1000Mbps Desktop Switch. This 8-port Gigabit Switch lets you network up to 8 Ethernet-enabled devices at speeds of up to 2000Mbps. Designed to support Gigabit devices, it is also compatible with Fast Ethernet devices. It is ideal for multimedia, 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.<sup>1</sup>

### HASSLE-FREE EXPANSION

This 8-port Desktop Switch requires no configuration, which makes set up simple and hassle-free. Easily connect multiple computers and share files, music, and video across your network, or create a multiplayer gaming environment. If you need help setting up your device, visit D-Link's award-winning Customer Support Web Site for answers to frequently asked questions, product downloads, and easy access to D-Link's friendly customer support team.



### YOUR NETWORK SETUP



### 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: 128KBytes per Device
- + Transmission Method: Store-and-forward
- + Jumbo Frames: Up to 9726 Bytes

#### 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

<sup>1</sup> All attached devices must support 802.p queuing to allow QoS functionality.  
<sup>2</sup> 3-Year Limited Warranty available only in the USA and Canada.  
<sup>3</sup> Latest software and documentation are available at <http://support.dlink.com>.

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.

#### LED

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

#### POWER CONSUMPTION

7 Watts Maximum

#### POWER SUPPLY

- + Switching 5V/2A
- + Linear AC-DC 7.5V/1A/1.5A

#### OPERATING TEMPERATURE

32°F to 104°F (0°C to 40°C)

#### OPERATING HUMIDITY

5% ~ 90% (Non-condensing)

#### DIMENSIONS

- + Item (WxDxH): 7.8" x 4.7" x 1.24"
- + Packaging (WxDxH): 11.8" x 4.8" x 8.2"

#### WEIGHT

- + Item: 1.2 lbs
- + Packaging: 2.5 lbs

#### WARRANTY

3-Year Limited<sup>2</sup>

# WIRED

#### 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-ROM<sup>3</sup> with Product Documentation

D-Link Systems, Inc. 17595 Mt. Herrmann Street Fountain Valley CA 92708 [www.dlink.com](http://www.dlink.com)  
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