



Up to  
**80%**  
Power Savings<sup>1</sup>



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

**REDUCES ENERGY CONSUMPTION  
& ECO-FRIENDLY**

**ADD MORE COMPUTER 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 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>2</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.

### THINK GREEN

D-Link Green Ethernet 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 complies with California's stringent CEC regulation requiring the use of more energy efficient power adapters. 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 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>2</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. Plus, the included Cable Diagnostic LED helps Determine if there are faults with your Ethernet Cables, allowing you to quickly troubleshoot connection problems



### 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: 8k
- + Switch Fabric: 16Gbps
- + Packet Buffer Memory: 144KBytes per Device
- + Transmission Method: Store-and-forward
- + Jumbo Frames: Up to 9600 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

6 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>3</sup>

### THINK GREEN

D-Link Green™ devices are about providing 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

- Automatically powers down ports that have no link
- Budgets power output for different Ethernet cable lengths
- Complies with California's stringent CEC regulation requiring the use of more energy efficient power adapters

#### 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 80%**

Maximum savings over a 24-hour period\* **UP TO 40%**

\*Maximum power savings when compared to a D-Link conventional switch. Uses up to 80% less energy when connected devices are powered down and up to 40% 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.

## 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>4</sup> with Product Documentation

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