

## **Product Highlights**

#### **High-Speed Networking**

Gigabit ports allow you to connect up to eight devices for fast file transfers and smooth media streaming

## **Save Energy Automatically**

EEE compliance reduces energy consumption without sacrificing performance while cutting down on your power bill

## **Eco-Friendly and Economical**

Economical yet innovative design runs cool and quiet, making for an unobtrusive addition to the workplace



## **DGS-1008A**

# 8-Port Gigabit Switch

### **Features**

#### Connectivity

- Eight Gigabit Ethernet LAN ports for high-speed wired connections
- Cable Diagnostics Function notifies users of cable conditions through product LEDs

#### **Green Ethernet**

- Reduces power to a port when no link is detected
- Adjust power to a port by detecting the length of the connected Ethernet cable

The DGS-1008A 8-Port Gigabit Switch is part of D-Link's new series of SOHO devices that make use of D-Link's Green Technology, providing energy savings, reduced heat, and a longer product life without sacrificing performance or functionality. It provides eight Gigabit ports for easy expansion of your network and a quick way to upgrade your network to Gigabit connectivity. An energy-efficient power adapter (Energy Star Level V qualified), minimized use of harmful substances (RoHS compliant), and recyclable packaging make this switch truly environmentally friendly.

# Fast and Reliable Networking

The D-Link DGS-1008A 8-Port Gigabit Switch creates a blazing fast network for your office, as its Gigabit Ethernet ports provide high-speed wired connections for up to eight PCs or other devices. The DGS-1008A also features QoS, which prioritizes network traffic so that time-sensitive data is delivered efficiently, even during bursts of high data traffic. It's stylish, easy-to-use, and comes IPv6-ready for a reliable network today and tomorrow.

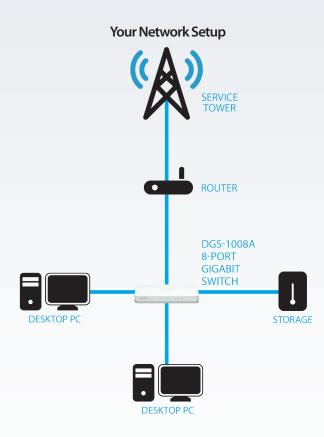
### **Conserve Energy**

The 8-Port Gigabit Switch helps you conserve energy automatically through several methods. It automatically powers down ports that have no link, allowing the switch to save a substantial amount of power by cutting power usage for unused ports. It also adjusts the amount of power supplied to a port according to the length of the connected Ethernet cable.

# **Environmentally-friendly**

The 8-Port Gigabit Switch was designed with the environment in mind, and is compliant with Energy Star Level V, as well as with the stringent CEC and MEPS regulations that require the use of energy efficient power adapters. The switch is also built to follow RoHS standards to minimize the use of hazardous materials, and uses recyclable packaging that helps reduce waste, complying with the WEEE directive.





Technical Specifications		
General		
Device Interfaces	• Eight 10/100/1000 Gigabit LAN ports	
Functionality		
Advanced Features	Green Ethernet  Glean Ethernet  Glean Ethernet  Auto MDI/MDIX crossover for all ports  Secure store-and-forward switching scheme	<ul> <li>Full/half-duplex for Ethernet/Fast Ethernet speeds</li> <li>IEEE 802.3x Flow Control</li> <li>Supports 9,216 Byte Jumbo Frames</li> <li>Supports IEEE 802.1p QoS (4 Queues, Strict Mode)</li> <li>Supports Cable Diagnostics Function</li> </ul>
Protocol	• CSMA/CD	
Data Transfer Rates	Ethernet:  10 Mbps (half duplex)  20 Mbps (full duplex)  Fast Ethernet:  100 Mbps (half duplex)  200 Mbps (full duplex)	Gigabit Ethernet:     2000 Mbps (full duplex)
Transmission Method	Store-and-forward	
MAC Address Table	• 8 K	
MAC Address Learning	Automatic Update	
Packet Filtering/Forwarding Rates	Ethernet: 14,880 pps per port     Fast Ethernet: 148,800 pps per port	Gigabit Ethernet: 1,488,000 pps per port
RAM Buffer	• 128 KB per device	

# **DGS-1008A** 8-Port Gigabit Switch

Physical		
LED Indicators	Per port: Link/Activity/Speed	Per device: Power
Media Interface Exchange	Auto MDI/MDIX adjustment for all ports	
Dimensions	• 131 x 82 x 22 mm (5.16 x 3.23 x 0.9 inches)	
Weight	• 330 grams (0.73 lbs)	
Power	• 5 V/1 A Power Adapter	
Power Consumption	Power On (Standby): DC input: 0.59 watts, AC input: 1.5 watts	Maximum: DC input: 3.48 watts, AC input: 5.4 watts
Temperature	• Operating: 0 to 40 °C (32 to 104 °F)	• Storage: -10 to 70 °C (14 to 158 °F)
Humidity	Operating: 10% to 90% non-condensing	Storage: 5% to 90% non-condensing
MTBF	• 522,270 hours	
Certifications	CE class B FCC class B ICES-003 Class B VCCI class B C-Tick	• Anatel • CCC • cUL • CB • LVD
Order Information		
Part Number	Description	
DGS-1008A	8-Port Gigabit Switch	

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