D-Link®
Building Networks for People

DGS-1008A

8-Port Gigabit Easy Desktop Switch

Features

Connectivity

- 8 x Gigabit Ethernet LAN ports for high-speed wired connections

Green Ethernet

- 802.3 Energy-Efficient Ethernet (EEE) allows for less power consumption during periods of low data activity
- 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 Easy Desktop Switch is a cost-effective solution that features D-Link's Green Technology-providing energy savings, reduced heat, and a longer product life without sacrifieightcing performance or functionality. Along with 8 provided Gigabit ports, simple setup helps quickly expand your network and upgrade to Gigabit connectivity. Its compact size and simple design give you the freedom to place it in any environment.

Compact and Easy to Set Up

Featuring a clean, understated design, the DGS-1008A 8-Port Gigabit Easy Desktop Switch is light, compact, and fits into any decor. Simply plug in the power adapter and it's ready to accept Ethernet connections from any device, upgrading them to Gigabit speeds. Setup is so simple, no complex configurations are required.
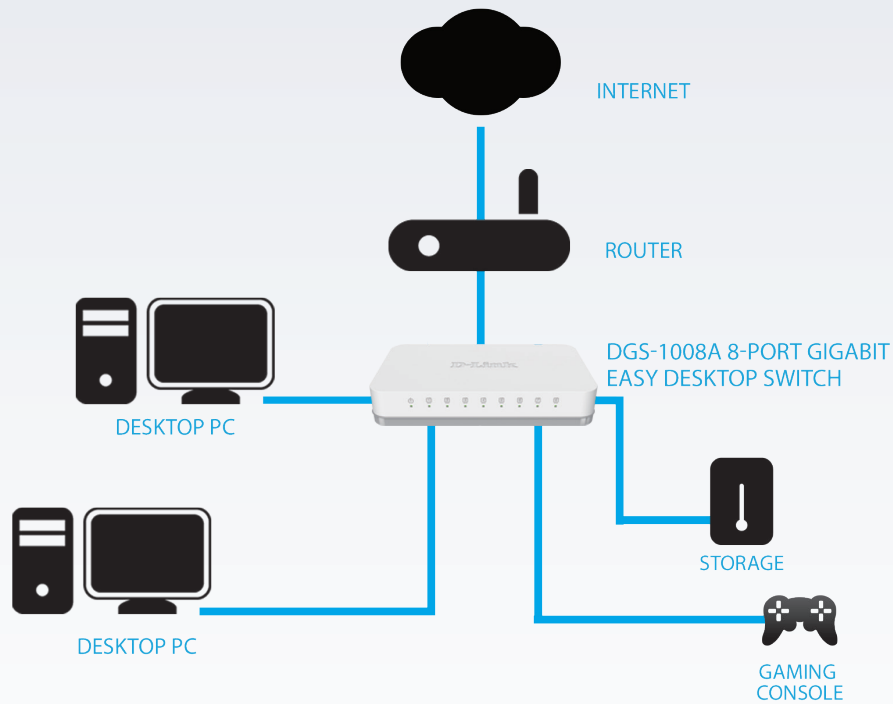
Cost-effective Solution

The D-Link DGS-1008A 8-Port Gigabit Easy Desktop Switch is a cost-effective solution that provides network connectivity to users via 8 Ethernet ports. Not only does it offer advanced features that improve performance, it also cuts costs by lowering power usage while simultaneously upgrading your network bandwidth to Gigabit speeds. 8 ports enables you to add more devices to your network without ever having to worry about availability. This switch simply offers the best performance and value at its price point.

Advanced Features

The DGS-1008A 8-Port Gigabit Easy Desktop Switch supports 802.3 Energy-Efficient Ethernet to help you cut power usage by automatically powering down ports that have no data activity, adding up to more savings on your electricity bill. Also featuring 802.1p Quality of Service (QoS), the DGS-1008A lets you prioritize traffic by type so that streaming media such as network telephony (VoIP) stays smooth when you need it. Other scenarios such as online gaming or digital video streaming can also be prioritized in order of importance for the best possible performance.

Your Network Setup

INTERNET

ROUTER

DGS-1008A 8-PORT GIGABIT
EASY DESKTOP SWITCH

DESKTOP PC

STORAGE

DESKTOP PC

GAMING
CONSOLE

Technical Specifications

General

Device Interfaces	• 8 x 10/100/1000 Gigabit LAN ports
Standards	• IEEE 802.3 10BASE-T Ethernet (twisted-pair copper) • IEEE 802.3u 100BASE-TX Fast Ethernet (twisted-pair copper) • IEEE 802.3ab 1000BASE-T Gigabit Ethernet (twisted-pair copper) • ANSI/IEEE 802.3 NWay auto-negotiation • IEEE 802.3x Flow Control • IEEE 802.3az Energy-Efficient Ethernet (EEE)

Functionality

Advanced Features	• Green Ethernet • 16 Gbps switching fabric • Auto MDI/MDIX crossover for all ports • Secure store-and-forward switching scheme • Full/half-duplex for Ethernet/Fast Ethernet speeds • IEEE 802.3x Flow Control • Supports 9,216 bytes Jumbo Frames • Supports IEEE 802.1p QoS (4 Queues, Strict Mode)

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	• 4 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	• 192 KB per device

Physical		
LED Indicators	• Per port: Link/Activity/Speed	• Per device: Power
Media Interface Exchange	• Auto MDI/MDIX adjustment for all ports	
Dimensions	• 130 x 79 x 22 mm (5.12 x 3.11 x 0.87 inches)	
Weight	• 130 grams (4.59 ounces)	
Power	• 5 V/1 A Power Adapter	
Power Consumption	• Power On (Standby): AC input: 0.4 watts	• Maximum: AC input: 2.55 watts
Temperature	• Operating: 0 to 40 ℃ (32 to 104 °F)	• Storage: -10 to 70 ℃ (14 to 158 °F)
Humidity	• Operating: 10% to 90% non-condensing	• Storage: 5% to 90% non-condensing
MTBF	• 1,046,811 hours	
Certifications	• CE class B • FCC class B • ICES-003 Class B • Anatel	• VCCI class B • RCM • CB/LVD

Order Information	
Part Number	*Description*
DGS-1008A	8-Port Gigabit Easy Desktop Switch

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