



DGS-1005G



DGS-1008G

Gigabit ports allow you to connect all your devices for fast file transfers and smooth media streaming

Quality of Service support for traffic prioritization

EEE compliance reduces energy consumption without sacrificing performance



## DGS-1005G / DGS-1008G

# 5 and 8 Port Gigabit Desktop Switches

### Product Highlights

- DGS-1005G: Five (5) 10/100/1000Mbps ports
- DGS-1008G: Eight (8) 10/100/1000Mbps ports
- Up to 1 Gbps of dedicated bandwidth per port and up to 2 Gbps bandwidth in full-duplex mode<sup>1</sup>
- Supports IEEE 802.1p QoS Prioritization<sup>2</sup>
- Jumbo frame support up to 9720 Bytes<sup>3</sup>
- IEEE 802.3x Flow Control
- Conserves energy with D-Link Green Technology
- Supports MAC address learning
- Compatible with all popular operating systems
- Plug & Play installation
- Wall Mountable
- 24/7 Basic Installation support<sup>4</sup>

### Think Green

The DGS-1005G five port and DGS-1008G eight port Gigabit Desktop Switches are part of D-Link's comprehensive family of home 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. An energy-efficient power adapter (DoE Level VI qualified), minimized use of harmful substances (RoHS compliant), and recyclable packaging make these switches truly environmentally friendly.

### Conserves Energy

The DGS-1005G and the DGS-1008G help conserve energy automatically. Both switches save substantial amounts of power by cutting power usage for unused ports or ports connected to computers that are idle.

### Gigabit Connection for Home and Media Center

The Gigabit Desktop Switches offer an economical way for homes and media centers to benefit from the increased bandwidth of Gigabit Ethernet. Each provides five (DGS-1005G) or eight (DGS-1008G) Gigabit ports for easy expansion of your network and a quick way to upgrade your network to Gigabit connectivity.

### Limited Lifetime Warranty

To further its commitment to product quality, D-Link offers a Limited Lifetime Warranty on the DGS-1005G / DGS-1008G. If you have a warranty failure, D-Link will repair or replace the product for free.<sup>5</sup>

# DGS-1005G / DGS-1008G

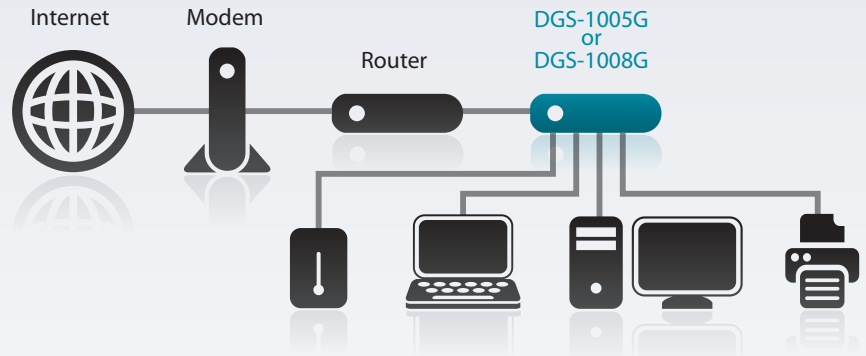
## 5 and 8 Port Gigabit Desktop Switches

### Package Contents

- DGS-1005G / DGS-1008G Switch
- Power Adapter
- Wall Mount Kit
- Quick Install Guide

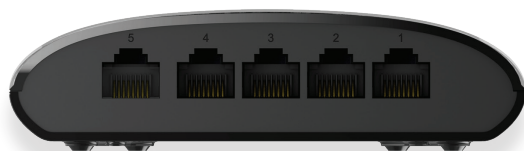
### Minimum System Requirements

- Devices Supporting 802.3 Ethernet, 802.3u Fast Ethernet, or 802.3ab Gigabit Ethernet
- CAT5e or better Ethernet Cable recommended
- RJ45 Port for Each Device
- Network Interface Card for each computer

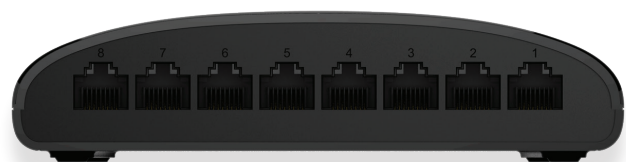


### Technical Specifications

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 802.1p QoS (4 Queues, Strict Mode) IEEE 802.3az Energy-Efficient Ethernet (EEE)
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)
Network Cables	10BASE-T: • UTP CAT 3, 4, 5/5e (100 m max.) • EIA/TIA-586 100-ohm STP (100 m max.)	100BASE-TX, 1000BASE-T: • UTP CAT 5/5e (100 m max.) • EIA/TIA-568 100-ohm STP (100 m max.)
Media Interface Exchange	Auto MDI/MDI-X adjustment for all ports	
Transmission Method	Store-and-forward	
Certifications	FCC Class B CE Class B VCCI Class B	cUL/UL CB



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## 5 and 8 Port Gigabit Desktop Switches

	DGS-1005G	DGS-1008G
		
Switching Fabric	10 Gbps	16 Gbps
Max. Packet Forwarding Rate	7.44 Mpps	11.9 Mpps
Packet Buffer Size	128 KBytes	192 KBytes
LED Indicators	Per port: Link/Activity/Speed Per device: Power	Per port: Link/Activity/Speed Per device: Power
MAC Address Table	4K	4K
Jumbo Frames	9,720 Bytes	9,720 Bytes
DC Input	External 5 VDC / 1 A Level "VI" Power Adapter	External 5 VDC / 1 A Level "VI" Power Adapter
Max. Power Consumption	3.9 watts	5.3 watts
Standby Power Consumption	0.6 watts	0.7 watts
MTBF	1,151,786 hours	1,060,912 hours
Operating Temperature	32 to 104 °F (0 to 40 °C)	32 to 104 °F (0 to 40 °C)
Storage Temperature	14 to 158 °F (-10 to 70 °C)	14 to 158 °F (-10 to 70 °C)
Operating Humidity	10% to 90% RH non-condensing	10% to 90% RH non-condensing
Storage Humidity	5% to 90% RH non-condensing	5% to 90% RH non-condensing
Dimensions	4.4 x 3.0 x 1.2 inches (111 x 75 x 30 mm)	5.4 x 3.3 x 1.3 inches (138 x 85 x 34 mm)
Weight	3.2 ounces (0.09 kg)	4.6 ounces (0.13 kg)
<b>Ordering Information</b>		
Part Number	DGS-1005G	DGS-1008G
Description	5-Port Gigabit Desktop Switch	8-Port Gigabit Desktop Switch
Warranty	Limited Lifetime <sup>5</sup>	Limited Lifetime <sup>5</sup>

<sup>1</sup> Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic and network overhead, lower actual data throughput rate.

<sup>2</sup> The attached devices must have a Gigabit NIC that supports 802.1p queuing to allow QoS functionality.

<sup>3</sup> Jumbo Frame support for 9720 Bytes is applicable in Gigabit mode only. Use of Jumbo Frame feature requires the PC to have a Gigabit NIC that supports Jumbo Frames. Jumbo Frame performance may be affected when used in 10/100 Fast Ethernet mode.

<sup>4</sup> 24/7 Basic Installation Support is available only in the USA for the first 30 days from date of original purchase.

<sup>5</sup> Limited Lifetime Warranty available only in the USA. For warranty and regulatory information, please visit: <http://support.dlink.com/warranty>.

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DGS-1005G-1008G\_REV\_D\_DATASHEET\_1.00\_EN\_US.PDF

### For more information

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