Product Highlights

Eco-Friendly
Innovative design runs quiet, cool, and clean, saving power automatically

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

Intelligent Data Streaming
QoS support enables clear VoIP calls

DGS-105 & DGS-108

5/8 Port Gigabit Unmanaged Metal Desktop Switch

Overview
The DGS-105/DGS-108 5/8 Port Gigabit Unmanaged Metal Desktop Switch provides a quick, easy and economical way to add high speed networking to home offices and small/medium businesses. With data transfer speeds of up to 2000 Mbps the DGS-105/DGS-108 is ideal for fast file transfers, and smooth media streaming. It provides five or eight Gigabit ports for easy expansion of your network and a quick way to upgrade your network to Gigabit connectivity.

Effortless Gigabit Networking
With data transfer speeds of up to 2000 Mbps on Gigabit Ethernet, the D-Link DGS-105/DGS-108 Switch is ideal for transferring files quickly. Easy access front Ethernet ports with two color LED indicators per port allows you to quickly distinguish link status and speed. The switch supports IEEE 802.1p QoS, which organizes and prioritizes time-sensitive and important data for efficient delivery, allowing for smooth media streaming and VoIP calling. Additionally the switch incorporates a Kensington Security Slot on the rear panel allowing users to securely fasten the unit to a table or desk.

Gigabit connection for home and SOHO
The DGS-105/DGS-108 Switch offers an economical way for SOHO and small/medium businesses to benefit from the increased bandwidth of Gigabit Ethernet. It provides five or eight Gigabit ports for easy expansion of your network and a quick way to upgrade your network to Gigabit connectivity.
Think Green

The DGS-105/DGS-108 is a plug-and-play networking switch that offers D-Link's Green Technology to save energy and reduce heat, which in turn extends product life without sacrificing performance or functionality. The switch supports IEEE 802.3az Energy-Efficient Ethernet (EEE) which detects when a connected computer is shut down or when there is no Ethernet traffic, at which time the switch will automatically power down the idle port, saving a substantial amount of power. In addition, the switch can also save energy by detecting the cable length and using only as much power as necessary. Working together these features drastically reduce power consumption and heat dissipation, resulting in extended life and substantial cost savings.

Environmentally Friendly

The DGS-105/DGS-108 Switch was designed with the environment in mind. It is compliant with Energy Star Level V, CEC, and MEPS regulations which require the use of energy efficient power adapters. Built to comply with RoHS standards to minimize use of hazardous materials and is packaged with an EnergyStar Level V qualified power adapter all in a recyclable packaging making this product truly environmental friendly.

IEEE 802.1p QoS

QoS prioritizes network traffic so that time-sensitive data is delivered efficiently, even during bursts of high data traffic. This helps ensure an optimal experience for streaming media and VoIP calls.

Table: Technical Specifications

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<thead>
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<th>Feature</th>
<th>DGS-105</th>
<th>DGS-108</th>
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<tbody>
<tr>
<td>Switching Capacity</td>
<td>• 10Gbps</td>
<td>• 16Gbps</td>
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</tbody>
</table>
| 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)  |
| 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)  |
## 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/MDIX adjustment for all ports

## LED Indicators
- Per port: Link/Activity/Speed
- Per device: Power

## Transmission Method
- Store-and-forward

## MAC Address Table
- 2K
- 8K

## 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
- 128KB per device

## Jumbo Frames
- 9,216 Bytes

## QoS
- 4 Queues, strict mode

## General Specifications

### DC Input
- External 5 V/1 A Level "V" Power Adapter

### Power Consumption
- Power On (Standby):
  - DC input: 0.2 watts
  - AC input: 0.74 watts
- Maximum:
  - DC input: 1.55 watts
  - AC input: 2.75 watts

### Heat Dissipation
- Power On (Standby) AC input: 2.5234 BTU/h
- Maximum DC input: 5.2855 BTU/h

### MTBF
- 593,755 hours
- 858,090 hours

### Operating Temperature
- 32 to 104 °F (0 to 40 °C)

### Storage Temperature
- 14 to 158 °F (-10 to 70 °C)

### Operating Humidity
- 10% to 90% RH non-condensing

### Storage Humidity
- 5% to 90% RH non-condensing

### Dimensions
- 3.9 x 3.8 x 1.1 inches (100 x 98 x 28 mm)
- 6.3 x 4 x 1.1 inches (162 x 102 x 28 mm)

### Weight
- 0.57 lbs (256 grams)
- 0.90 lbs (412 grams)

### Certifications
- FCC Class B
- ICES-003 Class B
- CE Class B
- C-Tick Class B
- VCCI Class B
- cUL
- CB
**Warranty**

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<th>Warranty</th>
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<td>Limited Lifetime¹</td>
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**Ordering Information**

<table>
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<tr>
<th>Part Number</th>
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<tr>
<td>DGS-105</td>
<td>5 Port Gigabit Unmanaged Metal Desktop Switch</td>
</tr>
<tr>
<td>DGS-108</td>
<td>8 Port Gigabit Unmanaged Metal Desktop Switch</td>
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¹Limited Lifetime Warranty available only in the USA. 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.

Updated 03/19/2014

REV. C2