



- Economical yet innovative fanless design runs cool and quiet
- Gigabit ports allow you to connect all your devices for fast file transfers and smooth media streaming
- Reduced energy consumption without sacrificing performance EEE compliance

## 5/8 Port Unmanaged Gigabit Switch

### Product Highlights

- Five/Eight 10/100/1000Mbps Ports
- Up to 1 Gbps of Dedicated Bandwidth per Port and up to 2Gbps Bandwidth in Full-Duplex mode
- Compatible with All Popular Operating Systems
- Plug & Play Installation
- Conserves energy with D-Link Green Technology
- Supports MAC address learning

### Think Green

The GO-SW-5G/8G 5-Port and 8-Port Unmanaged 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. An energy-efficient power adapter (EnergyStar Level V qualified), minimized use of harmful substances (RoHS compliant), and recyclable packaging make this switch truly environmentally friendly.

### Conserves Energy

The GO-SW-5G/GO-SW-8G 5/8-Port Unmanaged Gigabit Switch helps you conserve energy automatically. The switch saves substantial amounts of power by cutting power usage for unused ports or ports connected to computers that have been shut down.

GO-SW-5G & GO-SW-8G

### Features

- Built-in D-Link Green Technology
- Inexpensive Gigabit solution for Home/SOHO
- Five/Eight 10/100/1000 Mbps Gigabit ports
- 10/16 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 Byte Jumbo Frames
- RoHS compliant
- Plug-and-play installation

### Environmentally Friendly

The GO-SW-5G/GO-SW-8G 5/8-port Gigabit Unmanaged 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 use of hazardous materials, and uses recyclable packaging that helps reduce waste, complying with the WEEE directive.

### Gigabit Connection for Home and SOHO

The GO-SW-5G/GO-SW-8G offers an economical way for SOHO and small to medium businesses (SMB) to benefit from the increased bandwidth of Gigabit Ethernet. It provides five/eight Gigabit ports for easy expansion of your network and a quick way to upgrade your network to Gigabit connectivity.

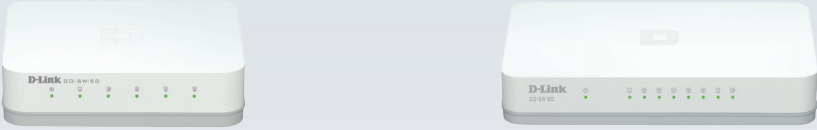
### Package Contents

- 5/8 port Gigabit Desktop Switch (GO-SW-5G/GO-SW-8G)
- Power Adapter
- Quick Install Guide

### Minimum System Requirements

- Devices Supporting 802.3 Ethernet, 802.u Faster Ethernet, or 802.3ab Gigabit Ethernet
- Cat5 or better Ethernet Cable
- Network Interface Card for each computer



Technical Specifications		
	GO-SW-5G	GO-SW-8G
		
Switching Fabric	• 10Gbps	• 16Gbps
Standards	<ul style="list-style-type: none"> <li>• IEEE 802.3 10BASE-T Ethernet (twisted-pair copper)</li> <li>• IEEE 802.3u 100BASE-TX Fast Ethernet (twisted-pair copper)</li> <li>• IEEE 802.3ab 1000BASE-T Gigabit Ethernet (twisted-pair copper)</li> </ul>	<ul style="list-style-type: none"> <li>• ANSI/IEEE 802.3 NWay auto-negotiation</li> <li>• IEEE 802.3x Flow Control</li> <li>• IEEE 802.3az Energy-Efficient Ethernet (EEE)</li> </ul>
Protocol	• CSMA/CD	
Data Transfer Rates	<ul style="list-style-type: none"> <li>• Ethernet:               <ul style="list-style-type: none"> <li>- 10 Mbps (half duplex), 20 Mbps (full duplex)</li> </ul> </li> <li>• Fast Ethernet:               <ul style="list-style-type: none"> <li>- 100 Mbps (half duplex), 200 Mbps (full duplex)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Gigabit Ethernet:               <ul style="list-style-type: none"> <li>- 2000 Mbps (full duplex)</li> </ul> </li> </ul>
Topology	• Star	
Network Cables	<ul style="list-style-type: none"> <li>• 10BASE-T:               <ul style="list-style-type: none"> <li>- UTP CAT 3, 4, 5/5e (100 m max.)</li> <li>- EIA/TIA-586 100-ohm STP (100 m max.)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• 100BASE-TX, 1000BASE-T:               <ul style="list-style-type: none"> <li>- UTP CAT 5/5e (100 m max.)</li> <li>- EIA/TIA-568 100-ohm STP (100 m max.)</li> </ul> </li> </ul>
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	<ul style="list-style-type: none"> <li>• Ethernet: 14,880 pps per port</li> <li>• Fast Ethernet: 148,800 pps per port</li> </ul>	• Gigabit Ethernet: 1,488,000 pps per port
RAM Buffer	• 128KB per device	
Jumbo Frames	• 9,216 Bytes	
General Specifications		
DC Input	• External 5 V/1 A Level "V" Power Adapter	
Power Consumption	<ul style="list-style-type: none"> <li>• DC input: 1.67 watts</li> <li>• AC input: 2.7 watts</li> </ul>	<ul style="list-style-type: none"> <li>• DC input: 3.06 watts</li> <li>• AC input: 3.9 watts</li> </ul>
MTBF	• 815,700 hours	• 412,433 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	

# GO-SW-5G/GO-SW-8G 5/8-Port Gigabit Switch

Storage Humidity	• 5% to 90% RH non-condensing	
Dimensions	• 3.8 x 3.1 x 1.1 inches (97 x 79 x 28 mm)	• 5.16 x 3.23 x .9 inches (128 x 68.5 x 25.4 mm)
Weight	• 3.688 ounces (105 grams)	• 4.88 ounces (138.3 grams)
Certifications	<ul style="list-style-type: none"><li>• FCC Class B</li><li>• ICES-003 Class B</li><li>• CE Class B</li><li>• C-Tick Class B</li><li>• VCCI Class B</li></ul>	<ul style="list-style-type: none"><li>• cUL/UL</li><li>• CCC</li><li>• Anatel</li><li>• LVD</li></ul>
<b>Warranty</b>		
Warranty	• 3-Year Limited <sup>1</sup>	
<b>Order Information</b>		
<i>Part Number</i>	<i>Description</i>	
GO-SW-5G	5-Port Unmanaged Gigabit Switch	
GO-SW-8G	8-Port Unmanaged Gigabit Switch	

<sup>1</sup>3 Year Limited Warranty available only in the USA and Canada. 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.

## For more information

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Updated 05/13