D-Link®

- 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

- EEE compliance reduces energy consumption without sacrificing performance

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

5 and 8 Port Unmanaged Gigabit Desktop Switches

Product Highlights

- Five or 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

Features

- Built-in D-Link Green Technology
- Inexpensive Gigabit solution for Home/SOHO
- 5/8 Gigabit ports
- 10/16 Gbps switching fabric
- Auto MDI/MDIX crossover for all ports
- Store-and-forward switching scheme
- Full/half-duplex for Ethernet/Fast Ethernet speeds
- IEEE 802.3x Flow Control
- Supports 9,720 Byte Jumbo Frames
- RoHS compliant
- Plug-and-play installation

Think Green

The GO-SW-5G/GO-SW-8G 5-port and 8-port Unmanaged Gigabit Desktop Switches are 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 VI qualified), minimized use of harmful substances (RoHS compliant), and recyclable packaging make these switches truly environmentally friendly.

Conserves Energy

The GO-SW-5G/GO-SW-8G 5-port and 8-port Gigabit Desktop Switches help you conserve energy automatically. The switches save substantial amounts of power by cutting power usage for unused ports or ports connected to computers that have been shut down.

Environmentally Friendly

The GO-SW-5G/GO-SW-8G 5-port and 8-port Gigabit Desktop Switches are designed with the environment in mind, and are compliant with Energy Star Level VI, as well as with the stringent CEC and MEPS regulations that require the use of energy efficient power adapters. The switches are also built to follow RoHS standards to minimize use of hazardous materials and use recyclable packaging that helps reduce waste, complying with the WEEE directive.

Gigabit Connection for Home and SOHO

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

Package Contents

- 5 or 8 port Gigabit Desktop Switch (GO-SW-5G or 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	• 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)
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 5e (100 m max.) - EIA/TIA-568 100-ohm STP (100 m max.)
MDI/MDIX	• 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	• 4K	
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	• 9,720 Bytes	
General Specifications		
DC Input	• External 5 V/1 A Level "VI" Power Adapter	
Power Consumption	• Maximum: 3.9 watts	• Maximum: 4.8 watts
MTBF	• 1,061,267 hours	• 1,061,267 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	• 3.58 x 2.87 x 0.87 inches (91 x 73 x 22 mm)	• 5.12 x 3.11 x 0.87 inches (130 x 79 x 22 mm)
Weight	• 2.82 ounces (80 grams)	• 4.59 ounces (130 grams)
Certifications	• FCC Class B • ICES-003 Class B • CE Class B	• cUL • CB
Warranty		
Warranty	• 3-Year Limited[1]	
Order Information		
Part Number	*Description*	
GO-SW-5G	5-Port Unmanaged Gigabit Switch	
GO-SW-8G	8-Port Unmanaged Gigabit Switch	

[1] 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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All references to speed and range 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 12/16

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Building Networks for People