



- 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, 802.3u 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">• 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) | <ul style="list-style-type: none">• ANSI/IEEE 802.3 NWay auto-negotiation• IEEE 802.3x Flow Control• IEEE 802.3az Energy-Efficient Ethernet (EEE) |
| Protocol | • CSMA/CD | |
| Data Transfer Rates | <ul style="list-style-type: none">• Ethernet:<ul style="list-style-type: none">- 10 Mbps (half duplex), 20 Mbps (full duplex)• Fast Ethernet:<ul style="list-style-type: none">- 100 Mbps (half duplex), 200 Mbps (full duplex) | <ul style="list-style-type: none">• Gigabit Ethernet:<ul style="list-style-type: none">-2000 Mbps (full duplex) |
| Topology | • Star | |
| Network Cables | <ul style="list-style-type: none">• 10BASE-T:<ul style="list-style-type: none">- UTP CAT 3, 4, 5/5e (100 m max.)- EIA/TIA-586 100-ohm STP (100 m max.) | <ul style="list-style-type: none">• 100BASE-TX, 1000BASE-T:<ul style="list-style-type: none">- 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 | <ul style="list-style-type: none">• 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 | |
| General Specifications | | |
| DC Input | • External 5 V/1 A Level “V” Power Adapter | |
| Power Consumption | <ul style="list-style-type: none">• DC input: 1.67 watts• AC input: 2.7 watts | <ul style="list-style-type: none">• DC input: 3.06 watts• AC input: 3.9 watts |
| 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 | |

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.

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