

Product Highlights

High-Speed Networking

Gigabit ports allows you to connect up to 16/24 devices for fast file transfer and smooth media streaming

Revolutionary Design

The industry's first lightweight plastic case for high-port count Gigabit switches and fanless design that provides silent operation at all times

Eco-Friendly

Innovative D-Link Green Ethernet features save power automatically so you can reduce operating cost without sacrificing performance



GO-SW-16G/24G

16/24-Port Gigabit Easy Desktop Switch

Features

Physical

- 16 or 24 Gigabit Ethernet ports for fast network speeds
- Industry-first plastic case for better heat dissipation and a compact size
- Fanless design for silent operation

Performance

- IEEE 802.3x Flow Control
- Auto MDI/MDI-X crossover for all ports
- Full/half-duplex for Ethernet/Fast Ethernet speeds
- Supports 9,216 Bytes Jumbo Frames

Energy Efficiency

- Innovative D-Link Green Ethernet Technology conserves energy
- Link status detection reduces power usage
- Cable length detection uses energy more efficiently
- 802.3az EEE hardware implementation reduces power consumption significantly
- RoHS compliant

Easy Installation

- Plug-and-play installation saves you time

The dlinkgo GO-SW-16G 16-Port Unmanaged Gigabit Switch and GO-SW-24G 24-Port Unmanaged Gigabit Switch each offer an economical way for SOHO and small to medium businesses (SMB) to deploy an energy-efficient switch that benefits from the increased bandwidth of Gigabit Ethernet.

Gigabit on Every Port

The 16/24-Port Gigabit Easy Desktop Switches bring the speed of Gigabit Ethernet to each and every port for a truly high-speed network. You can transfer files and backup data faster, and enjoy stutter-free VoIP calls and multimedia streaming. If your network has a mix of legacy and modern computing capabilities, each port allows for standard Ethernet, Fast Ethernet, or Gigabit Ethernet connections to provide full backward compatibility

Innovative Design

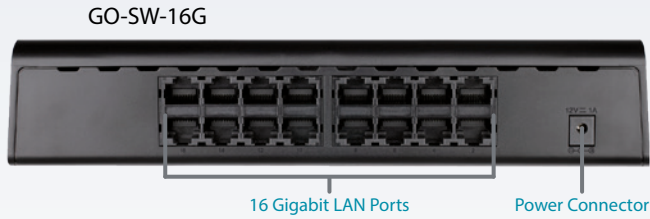
The sleek plastic case of the GO-SW-16G/24G is an industry first for a high-performance SOHO/SMB switch. Using a compact desktop style helps generate heat dissipation levels that allow for a fanless design, making the switches silent and allowing greater flexibility to place the switches anywhere. The 16/24-Port Gigabit Easy Desktop Switches are small, lightweight, wall-mountable, and ideal for any business with big needs and a small budget.

Conserves Energy

The 16/24-Port Gigabit Easy Desktop Switches help you conserve energy automatically through several methods. It automatically powers down ports that have no link, allowing the switch to save substantial amounts of power by cutting power usage for unused ports or any ports connected to computers that have been shut down. It can also detect connected cable lengths, and adjusts power usage accordingly, helping you save energy without affecting networking performance.

Think Green

The GO-SW-16G/24G 16/24-Port Gigabit Easy Desktop Switches make use of D-Link Green Ethernet technology, providing more energy savings and a longer product life, without sacrificing operational performance or functionality. These environmentally friendly switches are also RoHS compliant, use recyclable packaging, and minimise the use of harmful substances.



| Technical Specifications | | |
|--------------------------|---|---|
| General | GO-SW-16G | GO-SW-24G |
| Number of Ports | <ul style="list-style-type: none"> • Sixteen 10/100/1000 Gigabit ports | <ul style="list-style-type: none"> • Twenty-four 10/100/1000 Gigabit ports |
| Standards | <ul style="list-style-type: none"> • IEEE 802.3 10BASE-T Ethernet • IEEE 802.3u 100BASE-TX Fast Ethernet • IEEE 802.3ab 1000BASE-T Gigabit Ethernet • ANSI/IEEE 802.3 NWay auto-negotiation • IEEE 802.3x Flow Control | <ul style="list-style-type: none"> • IEEE 802.3 10BASE-T Ethernet • IEEE 802.3u 100BASE-TX Fast Ethernet • IEEE 802.3ab 1000BASE-T Gigabit Ethernet • ANSI/IEEE 802.3 NWay auto-negotiation • IEEE 802.3x Flow Control |
| 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) • Gigabit Ethernet: <ul style="list-style-type: none"> • 2000 Mbps (full duplex) | <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) • Gigabit Ethernet: <ul style="list-style-type: none"> • 2000 Mbps (full duplex) |
| 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) • 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) | <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) • 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) |
| Functionality | GO-SW-16G | GO-SW-24G |
| D-Link Green Features | <ul style="list-style-type: none"> • IEEE 802.3az Energy Efficient Ethernet (EEE) • Link status detection power saving • Cable length detection power saving • RoHS Compliance | <ul style="list-style-type: none"> • IEEE 802.3az Energy Efficient Ethernet (EEE) • Link status detection power saving • Cable length detection power saving • RoHS Compliance |
| LAN Features | <ul style="list-style-type: none"> • Back pressure at half-duplex operation • Auto MDI/MDIX • Wire speed reception and transmission • Store-and-Forward switching method • 8K MAC addresses • 2 Mbits RAM for data buffering • Jumbo Frames: 9216 Bytes • Switching Capacity 32 Gbps | <ul style="list-style-type: none"> • Back pressure at half-duplex operation • Auto MDI/MDIX • Wire speed reception and transmission • Store-and-Forward switching method • 16K MAC addresses • 3.5 Mbits RAM for data buffering • Jumbo Frames: 9216 Bytes • Switching Capacity 48 Gbps |
| Port Packet Filtering | <ul style="list-style-type: none"> • 10M: 14,880 pps • 100M: 148,800 pps • 1000M: 1,488,000 pps | <ul style="list-style-type: none"> • 10M: 14,880 pps • 100M: 148,800 pps • 1000M: 1,488,000 pps |

GO-SW-16G/24G 16/24-Port Gigabit Easy Desktop Switch

| Physical | GO-SW-16G | GO-SW-24G |
|-----------------------|--|--|
| LEDs | <ul style="list-style-type: none"> • Power LED • 16 Link/Activity/Speed LEDs (one per port) | <ul style="list-style-type: none"> • Power LED • 24 Link/Activity/Speed LEDs (one per port) |
| Power Inputs | <ul style="list-style-type: none"> • Switching 12V/1A level V power adapter | <ul style="list-style-type: none"> • Switching 12V/1.5A level V power adapter |
| Power Consumption | <ul style="list-style-type: none"> • Power on (standby): AC input: 2.64 Watts • Power max.: AC input: 9.00 Watts | <ul style="list-style-type: none"> • Power on (standby): AC input: 4.94 Watts • Power max.: AC input: 15.7 Watts |
| Heat Dissipation | <ul style="list-style-type: none"> • Power on (Standby): AC input: 9.01 BTU/h• • Power max.: AC input: 30.717 BTU/h | <ul style="list-style-type: none"> • Power on (Standby): AC input: 16.86 BTU/h • Power max.: AC input: 53.58 BTU/h |
| MTBF | <ul style="list-style-type: none"> • 319,267 hours | <ul style="list-style-type: none"> • 336,072 hours |
| Dimensions | <ul style="list-style-type: none"> • 231 x 158 x 46 mm (9.1 x 6.2 x 1.8 inches) | <ul style="list-style-type: none"> • 257 x 178 x 46 mm (10.1 x 7.0 x 1.8 inches) |
| Weight | <ul style="list-style-type: none"> • 0.58 kg (1.28 pounds) | <ul style="list-style-type: none"> • 0.76 kg (1.68 pounds) |
| Operating Temperature | <ul style="list-style-type: none"> • 0 to 40 °C (32 to 104 °F) | <ul style="list-style-type: none"> • 0 to 40 °C (32 to 104 °F) |
| Storage Temperature | <ul style="list-style-type: none"> • -10 to 70 °C (14 to 158 °F) | <ul style="list-style-type: none"> • -10 to 70 °C (14 to 158 °F) |
| Humidity | <ul style="list-style-type: none"> • 5% to 90% non-condensing | <ul style="list-style-type: none"> • 5% to 90% non-condensing |
| Certifications | <ul style="list-style-type: none"> • FCC Class A • ICES-003 Class A • CE Class A • C-Tick Class A • CB • cUL | <ul style="list-style-type: none"> • FCC Class A • ICES-003 Class A • CE Class A • C-Tick Class A • CB • cUL |



For more information: www.dlink.com

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