

## Product Highlights

### High-speed Wired Connection

Connect up to eight Ethernet devices to enjoy a high-speed network connection

### Plug and Play

Auto MDI/MDIX simplifies cable connections, allowing for immediate usage and operation

### Compact Design

Stylish, compact design can be placed anywhere



## GO-SW-8E

# 8-Port Fast Ethernet Easy Desktop Switch

## Features

### High-Speed Networking

- Eight 10/100 Mbps Fast Ethernet ports
- Full/half-duplex for Ethernet/Fast Ethernet speeds

### Reliability

- IEEE 802.3x flow control
- Store-and-forward switching scheme
- RoHS compliant

### Easy Setup

- Plug-and-play installation
- Auto MDI/MDIX crossover for all ports

### D-Link Green Technology

- IEEE 802.3az Energy Efficient Ethernet
- Port standby
- Cable length detection
- Link status detection

### Stylish Design

- Compact lightweight chassis
- Ports located conveniently at the rear
- Noise-free operation

The dlinkgo GO-SW-8E 8-Port Fast Ethernet Easy Desktop Switch allows you to quickly set up a fast, reliable, and efficient wired network in your home or office. The GO-SW-8E is an unmanaged 10/100Mbps switch designed to enhance small workgroup performance while providing a high level of flexibility. Powerful yet easy to use, this device allows users to simply plug any port to either a 10Mbps or 100Mbps network to multiply bandwidths, boost response time and satisfy heavy load demands. Connect the GO-SW-8E to multiple computers to share files and folders, or connect it to a router to share an Internet connection.

## Effortless High Speed Networking

The GO-SW-8E features easy access auto sensing 10/100 Mbps Ethernet ports with a LED indicator for each port to quickly distinguish link status and activity. These ports detect the network speed and auto-negotiate between 10BASE-T and 100BASE-TX, as well as between full and half-duplex, to get you the maximum speed possible for each device connected to your network, for faster browsing, video streaming, and online gaming. The GO-SW-8E also supports Auto MDI/MDIX Crossover, allowing you to connect each port directly to a server, hub, router, or switch using regular straight-through twisted-pair Ethernet cables.

## Reliable Plug and Play Installation

The GO-SW-8E is a Plug-and-Play device that requires no configuration, so setup is simple and hassle-free, so right away you're easily able to connect multiple computers, share files, music, and video across your home or small office network, or even create a multi-player gaming environment. 802.3x flow control on each port minimizes dropped packets when the port's receiving buffer is full. This gives you a more reliable connection for all of your connected devices.

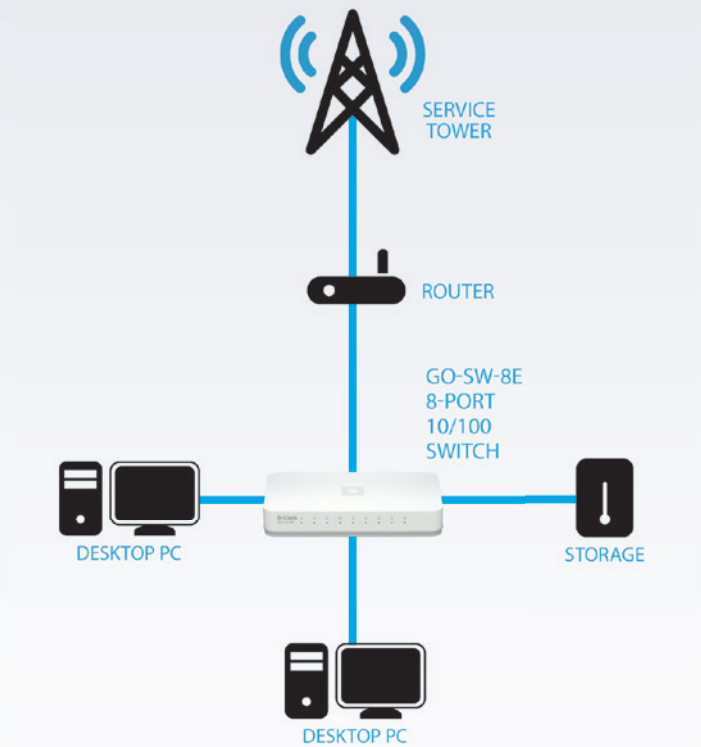
## Environmentally Friendly

The GO-SW-8E features D-Link Green technology, which drastically reduces energy consumption. If there is no computer connected to a port or a connected computer is powered off, the port will automatically enter 'sleep mode', greatly reducing the power used for that port without interrupting the network connection. In addition, the switch automatically detects the length of connected Ethernet cables and adjusts their power usage accordingly without affecting performance. This considerably lowers overall energy usage, which both saves you money and helps the environment, without the need for micro-management.

## Compact and Silent

The GO-SW-8E has a sleek and compact design, so that you can place it in any easily accessible location and have it stay out of your way. The power connector and ports are all located at the rear of the switch allowing you to tuck the cables away conveniently. The GO-SW-8E does not use a fan, so the switch operates silently but effectively, letting you watch movies streamed off the Internet without distraction, or browse the web in peace.

## Your Network Setup



# GO-SW-8E 8-Port Fast Ethernet Easy Desktop Switch

Technical Specifications		
General		
Device Interfaces	• Eight 10/100 Fast Ethernet LAN ports	
Functionality		
Advanced Features	<ul style="list-style-type: none"> <li>• Green Ethernet</li> <li>• 1.6 Gbps switching fabric</li> <li>• Auto MDI/MDIX crossover for all ports</li> <li>• Secure store-and-forward switching scheme</li> <li>• Compliance with IEEE802.3az EEE power saving</li> </ul>	<ul style="list-style-type: none"> <li>• Full/half-duplex for Ethernet/Fast Ethernet speeds</li> <li>• IEEE 802.3x Flow Control</li> <li>• Plug-and-play installation</li> <li>• RoHS compliant</li> <li>• Supports 2048-byte Jumbo Frames</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)</li> <li>• 20 Mbps (full duplex)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Fast Ethernet:                             <ul style="list-style-type: none"> <li>• 100 Mbps (half duplex)</li> <li>• 200 Mbps (full duplex)</li> </ul> </li> </ul>
Transmission Method	• Store-and-forward	
MAC Address Table	• 2K	
MAC Address Learning	• Automatic Update	
Packet Filtering/Forwarding Rates	• Ethernet: 14,880 pps per port	• Fast Ethernet: 148,800 pps per port
RAM Buffer	• 96 KB per device	
Physical		
LED Indicators	• Per port: Link/Activity	• Per device: Power
Media Interface Exchange	• Auto MDI/MDIX adjustment for all ports	
Dimensions	• 141.5 x 78.5 x 23.8 mm (5.57 x 3.09 x 0.94 inches)	
Power	• 5 V/1 A Power Adapter	
Heat Dissipation	• Power On (Standby): AC input:2.0472 Btu/h	• Maximum: AC input:7.47228 Btu/h
Power Consumption	• Power On (Standby): DC input: 0.36 watts, AC input: 0.6 watts	• Maximum: DC input: 1.78 watts, AC input: 2.19 watts • Link Up: EEE mode: DC input: 0.75 watts AC input: 1.1 watts
Temperature	• Operating: 0 to 40 °C (32 to 104 °F)	• Storage: -10 to 70 °C (14 to 158 °F)
Humidity	• Operating: 10% to 90% non-condensing	• Storage: 5% to 90% non-condensing
MTBF	• 2,137,319 hours	
Certifications	<ul style="list-style-type: none"> <li>• CE class B</li> <li>• FCC class B</li> <li>• cUL</li> </ul>	<ul style="list-style-type: none"> <li>• CB</li> <li>• VCCI Class B</li> </ul>



For more information: [www.dlink.com](http://www.dlink.com)

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