

Product Highlights

Compact Design

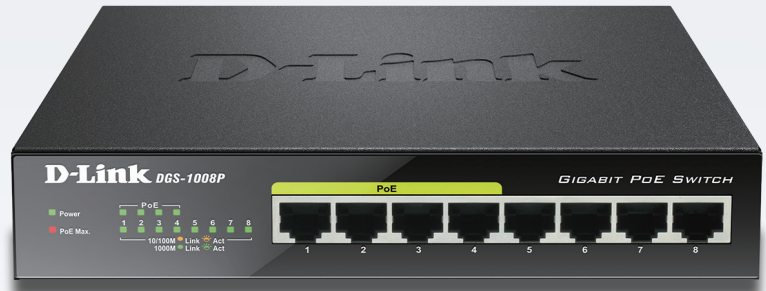
A compact design allows you to place the switch in any convenient location, with the power connector and ports neatly tucked away at the rear.

Auto MDI/MDI-X Crossover

All ports support automatic MDI/MDI-X crossover, eliminating the need for crossover cables or uplink ports.

Flow Control for Secure Transmission

802.3x flow control on each port minimizes dropped packets when the port's receiving buffer is full. This gives you a reliable connection for all your devices.



DGS-1008P

8-Port Desktop Switch with 4 PoE Ports

Features

High-Speed Networking

- Eight 10/100/1000 Mbps Gigabit Ethernet ports
- Full/Half-duplex for Ethernet/Fast Ethernet/Gigabit Ethernet speeds

Reliability

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

Easy Setup

- Plug-and-Play installation
- Auto MDI/MDI-X crossover for all ports

Stylish Design

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

The D-Link[®] DGS-1008P 8-Port Desktop Switch with 4 PoE Ports enables both home and office users to easily connect and supply power to Power over Ethernet (PoE) devices such as wireless Access Points (APs), IP cameras, and IP phones while adding more Ethernet devices like computers, printers, and Network Attached Storage (NAS) onto a network. Built with home and small business users in mind, this compact PoE switch operates quietly, making it ideal for use in virtually any room or office.

Power over Ethernet

The DGS-1008P features 4 10/100/1000BASE-T ports that support the IEEE 802.3at PoE protocol. Each of the 4 PoE ports can supply up to 30 Watts, for a total PoE budget of 68 Watts, allowing users to attach an IEEE 802.3at-compliant device to the DGS-1008P without requiring additional power. PoE is especially suitable for devices that are far from power outlets or when you want to minimize the clutter of extra cables. When a device is not PoE-compatible, the D-Link DWL-P50 PoE Adapter can turn any regular Ethernet port into a PoE Ethernet port.

Superior Performance

No configuration is required and installation is quick and easy. Support for Auto MDI/MDI-X on all ports eliminates the need for crossover cables when connecting to another switch or hub. Auto-Negotiation on each port senses the link speed of a network device (either 10, 100 or 1000) and intelligently adjusts for compatibility and optimal performance. The switch has been designed without fans so you can be sure of quiet operation wherever it is installed. The DGS-1008P also features diagnostic LEDs, which display status and activity, allowing you to quickly detect and correct problems on the network. With wire-speed filtering and store-and-forward switching, the DGS-1008P also maximizes network performance while minimizing the transmission of bad network packets. Combining the convenience of PoE, superior performance, and ease of use, the 8-Port Desktop Switch with 4 PoE Ports is the ideal choice for adding PoE devices to both a home or small business network.

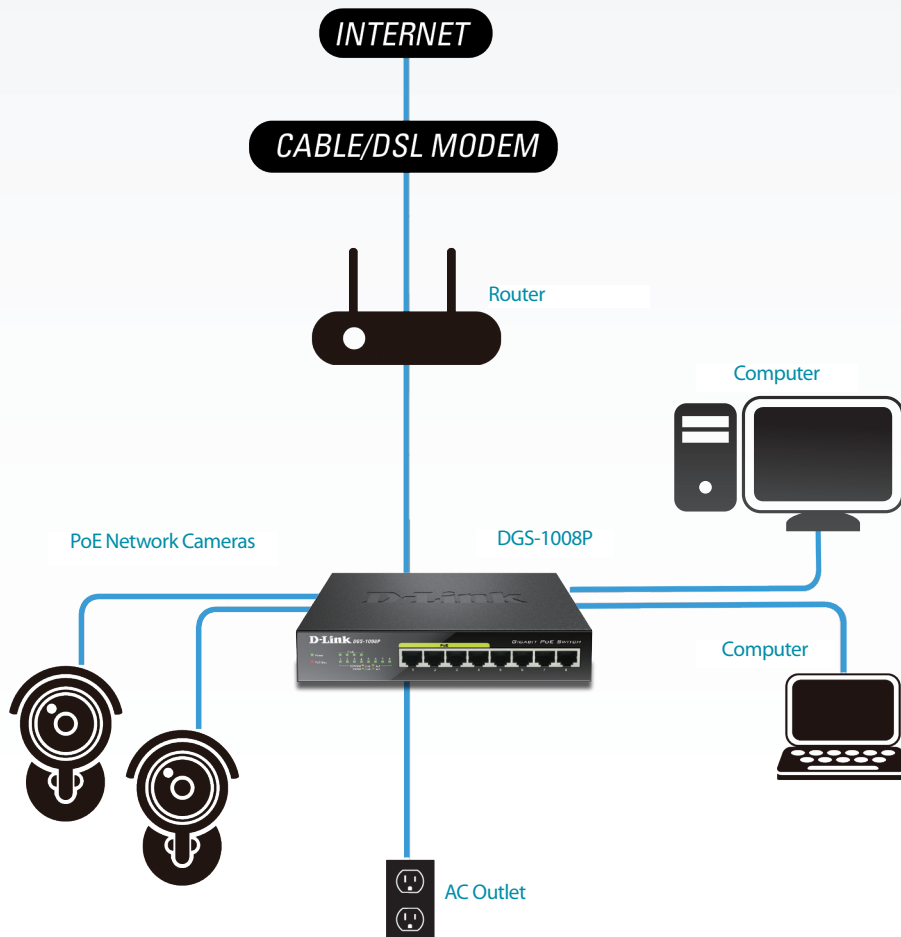
Hassle-free Setup

The 8-Port Desktop Switch with 4 PoE Ports is a Plug-and-Play device that requires no configuration, so setup is simple and hassle-free. But we know that setting up your switch is only the beginning; you may want to connect multiple computers, share files, music, and video across your home or small office network, or even create a multi-player gaming environment. That's why D-Link provides a support website to answer all of your questions and help you get the most out of your network. Find answers to frequently asked questions, download product updates, and easily access the friendly D-Link Customer Support Team.

Compact and Silent

The DGS-1008P 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 DGS-1008P 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.

Example Configuration



DGS-1008P 8-Port Desktop Switch with 4 PoE Ports

Technical Specifications

General

Standards	<ul style="list-style-type: none"> • IEEE 802.3 10BASE-T Ethernet (twisted-pair copper) • ANSI/IEEE 802.3 NWay auto-negotiation • IEEE 802.3x flow control 	<ul style="list-style-type: none"> • IEEE 802.3u 100BASE-TX Fast Ethernet (twisted-pair copper)
Switching Fabric	<ul style="list-style-type: none"> • 16G Gbps switching fabric 	
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)
Media Interface Exchange	<ul style="list-style-type: none"> • Auto MDI/MDI-X adjustment for all ports 	
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 <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"> • 1000BASE-T <ul style="list-style-type: none"> • UTP CAT 5/5e(100 m max.) • EIA/TIA-568 100-ohm STP(100 m max.)
LED Indicators	<ul style="list-style-type: none"> • Per unit: Power / PoE Max • Per port: Activity / Link and Speed 	<ul style="list-style-type: none"> • Per port: Power / Status
Transmission Method	<ul style="list-style-type: none"> • Store-and-forward 	
MAC Address Table	<ul style="list-style-type: none"> • 8K entries per device 	
Packet Filtering / Forwarding Rates	<ul style="list-style-type: none"> • Ethernet: 14,880 pps per port • Fast Ethernet: 148,800 pps per port 	<ul style="list-style-type: none"> • Gigabit Ethernet: 1,488,000 pps per port
RAM Buffer	<ul style="list-style-type: none"> • 256 KB per device 	

Physical

Dimensions	<ul style="list-style-type: none"> • 5.5" x 3.0" x 1.06" (190 mm x 120 mm x 38 mm) 	
DC Input	<ul style="list-style-type: none"> • External 53.5 V / 1.5 A power adapter 	
Power Consumption	<ul style="list-style-type: none"> • 60.44 Watts maximum 	<ul style="list-style-type: none"> • PoE up to 30 Watts per port (ports 1-4 only)
Temperature	<ul style="list-style-type: none"> • Operating: 0 to 40 °C (32 to 104 °F) 	<ul style="list-style-type: none"> • Storage: -40 to 70 °C (-40 to 158 °F)
Humidity	<ul style="list-style-type: none"> • Operating: 0% to 95% RH non-condensing 	
Certifications	<ul style="list-style-type: none"> • CE 	<ul style="list-style-type: none"> • RoHS

Order Information

Part Number	Description
DGS-1008P	8-Port Desktop Switch with 4 PoE Ports

Updated 2015/04/14