

Product Highlights

Connect More PoE Devices

8 Power-over-Ethernet (PoE) ports allow you to power more PoE-capable cameras, access points, and VoIP phones using just Ethernet cabling

PoE+ Support with High Power Budget

802.3at PoE (up to 30 watts per port) with a high PoE power budget (up to 140 watts total), ideal for 802.11ac wireless access points and multi-featured network cameras

Gigabit Ethernet Speed

High-speed ports with Gigabit connectivity with full backwards compatibility for connections to older computers and equipment



DGS-1008MP

8-Port Desktop Gigabit Max PoE Switch

Features

High-Speed Networking

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

Versatile Connectivity

- 8 x PoE+ ports with up to 30 watts per port
- 140 watts PoE power budget

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
- Rack mountable

Green Features

- IEEE 802.3az Energy Efficient Ethernet
- D-Link Green 3.0 Technology
- Fanless

The DGS-1008MP 8-Port Desktop Gigabit Max PoE Switch is an ideal solution for small to medium businesses looking to easily connect and supply power to Power over Ethernet (PoE) devices such as wireless access points, network cameras, and IP phones while adding more Ethernet devices like computers, printers as well as network attached storage onto a network. Built with small business and enterprise users in mind, this rack mountable PoE switch operates quietly, making it ideal for use in virtually any room or office.

Power over Ethernet

The DGS-1008MP features 8 x 10/100/1000BASE-T ports that support the IEEE 802.3at PoE+ protocol. Each of the 8 PoE+ ports can supply up to 30 watts with a total PoE power budget of 140 watts, allowing users to attach an IEEE 802.3at-compliant device to the DGS-1008MP without requiring additional power. PoE is especially suitable for devices that are far from power outlets or when you want to minimise the clutter of extra cables.

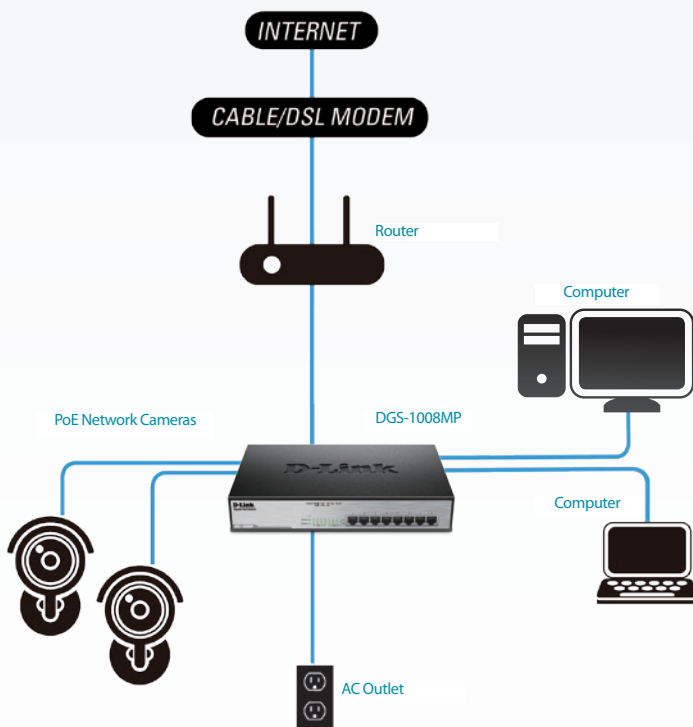
Superior Performance

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. Auto-Negotiation on each port senses the link speed of a network device (10, 100 or 1000 Mbps) and intelligently adjusts for compatibility and optimal performance. The switch has been designed without fans ensuring silent operation wherever it is installed. With wire-speed filtering and store-and-forward switching, the DGS-1008MP maximises network performance while minimising the transmission of bad network packets. Combining the convenience of PoE, superior performance and ease of use, the 8-Port Desktop Gigabit Max PoE Switch is the ideal choice for adding PoE devices to a small to medium business network.

D-Link Green 3.0 Technology

DGS-1008MP switches feature both D-Link Green 3.0 Technology and IEEE802.3az Energy Efficient Ethernet (EEE) to cut operating costs without sacrificing operational performance or functionality. With D-Link Green technology, the switches constantly monitor the link status and network utilisation of every port. The switches also automatically detect cable length and can reduce transmission power usage for shorter cables. By pairing EEE capable devices with DGS-1008MP switches organizations can drastically reduce power consumption by automatically putting ports into a sleep mode when not being used.

Example Configuration



D-Link Assist[™]

Rapid Response Support

If the worst should happen to your network you need the very best support and fast. Downtime costs your business money. D-Link Assist maximises your uptime by solving technical problems quickly and effectively. Our highly trained technicians are on standby around the clock, ensuring that award-winning support is only a phone call away.

With a choice of three affordable service offerings covering all D-Link business products, you can select the package that suits you best:

D-Link Assist Gold - for comprehensive 24-hour support

D-Link Assist Gold is perfect for mission-critical environments where maximum uptime is a high priority. It guarantees four hour around-the-clock response. Cover applies 24/7 for every day of the year including holidays.

D-Link Assist Silver - for prompt same-day assistance

D-Link Assist Silver is designed for 'high availability' businesses that require rapid response within regular working hours. It provides a four hour response service Monday to Friday from 8am to 5pm, excluding holidays.

D-Link Assist Bronze - for guaranteed response on the next business day

D-Link Assist Bronze is a highly cost-effective support solution for less critical environments. Response is guaranteed within eight business hours Monday to Friday from 8am to 5pm, excluding holidays.

D-Link Assist can be purchased together with any D-Link business product. So whether you're buying switching, wireless, storage, security or IP Surveillance equipment from D-Link, your peace of mind is guaranteed. D-Link Assist also offers installation and configuration services to get your new hardware working quickly and correctly.

DGS-1008MP 8-Port Desktop Gigabit Max PoE Switch

Technical Specifications

General

Size	• 11-inch Desktop/Rackmount size, 1U height		
Number of Ports	• 8 10/100/1000 Mbps Ports		
Port Standards & Functions	<ul style="list-style-type: none">• IEEE 802.3i 10BASE-T Ethernet• IEEE 802.3u 100BASE-TX Fast Ethernet• IEEE 802.3ab 1000BASE-T Gigabit Ethernet• IEEE 802.3at Power over Ethernet	<ul style="list-style-type: none">• IEEE 802.3az Energy Efficient Ethernet• IEEE 802.3x Flow Control supports half/full duplex mode• ANSI/IEEE 802.3 NWay auto-negotiation	
Switching Capacity	• 16 Gbps switching fabric		
Media Interface Exchange	• Auto MDI/MDI-X		
Transmission Method	• Store-and-forward		
MAC Address Table	• 8K entries per device		
Packet Buffer Memory	• 128 KB per device		
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
Data Transfer Rates	<ul style="list-style-type: none">• Ethernet<ul style="list-style-type: none">• 10 Mbps (half duplex)• 20 Mbps (full duplex)	<ul style="list-style-type: none">• 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)
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<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.)

Physical

LED Indicators	<ul style="list-style-type: none">• Per port: Activity / Link and Speed• Per port: Power / Status	<ul style="list-style-type: none">• PoE Max 1: Ports 1-4• PoE Max 2: Ports 5-8
Dimensions	• 280 mm x 180 mm x 44 mm (11.02 x 7.08 x 1.73 inches)	
Power Input	• AC Input: 100 to 240 V AC, 50/60 Hz	
Maximum PoE Budget	• 140 watts	
Power Consumption	<ul style="list-style-type: none">• 13.5 watts (PoE off)• 151 watts (PoE on)	• PoE up to 30 watts per port
Temperature	• Operating: 0 to 40 °C (32 to 104 °F)	• Storage: -10 to 70 °C (14 to 158 °F)
Humidity	• Operating: 0% to 95% RH non-condensing	• Storage: 5% to 95% RH non-condensing
EMI	• CE Class A, FCC Class A, VCCI Class A, CCC Class A, BSMI Class A.	
Safety	• cUL, CB, LVD, CCC, BSMI.	



For more information: www.dlink.com

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