D-Link®

Product Highlights

Power over Ethernet
• IEEE 802.3af/at compliant PoE on ports 1-4

Plug-and-play Installation
• Requires no configuration or software
• Installation is simple and easy

Built to Last
• Rugged metal housing
• Fanless design provides noise free operation
• Reliability that businesses demand

Eco-Friendly
• Innovative design runs quiet cool and clean, saving power automatically

Limited Lifetime Warranty

DGS-1008P

8-Port Gigabit Unmanaged Desktop Switch with 4 PoE Ports

Features

High-Speed Networking
• Eight 10/100/1000 Mbps Gigabit ports
• Full/half-duplex for Ethernet/Fast Ethernet speeds

Power over Ethernet
• IEEE 802.3af/at compliant PoE on ports 1-4
• 68 W PoE power budget

Reliability
• IEEE 802.3x flow control
• Supports IEEE 802.1p QoS
• Store-and-forward switching scheme
• Fanless – silent operation

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

Overview

The DGS-1008P 8-Port Gigabit Unmanaged Desktop Switch with 4 PoE Ports enables office users to easily connect and supply power to Power over Ethernet (PoE) devices such as IP cameras, IP phones, and wireless access points (APs). The 8 Gigabit ports provide connectivity for devices and applications that require high speed network access and reduce bottlenecks that can interrupt communication. The DGS-1008P can also connect to additional Ethernet devices like computers, printers, and Network Attached Storage (NAS) onto a network. This compact PoE switch operates quietly, making it ideal for use in virtually any room or office.

Power Over Ethernet (PoE)

The first four ports support the IEEE 802.3af PoE and 802.3at PoE+ protocols. Each of these four ports can supply up to 30 W for a total PoE budget of 68 W, allowing users to attach multiple IEEE 802.3af/at compliant devices to the DGS-1008P. Use PoE for applications that are far from power outlets or when you want to minimize the clutter of extra cables.

Auto MDI/MDIX Crossover

All ports support automatic MDI/MDIX crossover, eliminating the need for crossover cables or uplink ports. Each port can be plugged directly to a server, hub, router, or switch using regular straight-through twisted-pair Ethernet cables.

Easy Installation with no Additional Setup

The DGS-1008P is plug-and-play and requires no additional configuration. Its compact size and fanless design allow for installation almost anywhere. In addition, the switch supports IEEE 802.1p QoS, which automatically classifies and prioritizes compliant device traffic to ensure time sensitive data such as VoIP is forwarded without delay.

Conserves Energy

The DGS-1008P makes use of D-Link Green™ eco-friendly technology, providing energy savings, reduced power consumption, and a longer product life, without sacrificing operational performance or functionality. This switch helps to conserve energy through methods such as Link Status and Cable Length Detection. The Link Status feature automatically powers down ports that have no link, allowing the switch to save substantial amounts of energy by cutting power for unused ports or ports connected to computers that have been shut down. It can also detect connected cable lengths, and adjust power usage accordingly, helping save energy without affecting networking performance. In addition, the fanless design extends the product's life and also reduces noise.

Limited Lifetime Warranty

D-Link offers a Limited Lifetime Warranty on the DGS-1008P Unmanaged Gigabit PoE Switch to further its commitment to product quality and long-term customer confidence.

Technical Specifications

	DGS-1008P

General

Number of Ports	Eight (8) 10/100/1000 Mpbs (ports 1 - 4 are PoE enabled)
Port Standards & Functions	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 IEEE 802.1p QoS IEEE 802.3az EEE
Switching Capacity	16 Gbps
Media Interface Exchange	Auto MDI/MDI-X adjustment for all ports
MAC Address Table Size	8K Entries
MAC Address Learning	Automatic update
Packet Buffer	256 KB per device
Forwarding Mode	Store and Forward
Jumbo Frame Support	9,216 Bytes
LED Indicators	Per unit: Power / PoE Max. Per port: Activity / Link and Speed Per PoE port: Power / Status

Power over Ethernet

PoE Standards	IEEE 802.3af and IEEE 802.3at
PoE Capable Ports	Ports 1 - 4
PoE Power Budget	68 W

Physical & Environmental

Power Adapter	AC input: 100 to 240VAC, 50/60 Hz	DC output: 53.5 VDC / 1.5 A
Power Consumption (Standby)	0.39 W	
Maximum Power Consumption (PoE on)	79.9 W	
Maximum Heat Dissipation	226.6 BTU/hr	
Ventilation	Fanless	
Acoustics	0 dB(A)	
Operating Temperature	Device: 32˚F to 122˚F (0˚C to 50˚C)	External Power Adapter: 32˚F to 104˚F (0˚C to 40˚C)
Storage Temperature	-40˚F to 158˚F (-40˚C to 70˚C)	
Operating Humidity	0% to 95% RH non-condensing	
Storage Humidity	0% to 90% RH non-condensing	
Dimensions (W x D x H)	7.5" x 4.7" x 1.5" (190 x120 x 38 mm)	
Weight	1.68 lbs (0.76 kg)	
Certifications - Emissions and Safety	FCC Class B ICES-003 Class B CE Class B C-Tick Class B	VCCI Class B cUL LVD RoHS
MTBF	1,155,375 Hours	

Ordering Information

Product	Description	Warranty
DGS-1008P	8-Port Gigabit Unmanaged Desktop Switch with 4 PoE Ports	Limited Lifetime[1]

[1] Limited Lifetime Warranty available in U.S.A. only.

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For more information

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