



Product Highlights

Power over Ethernet

- IEEE 802.3af compliant PoE on ports 1-4
- 52 Watts PoE Budget

Plug-and-play Installation

- Requires no configuration or software
- Installation is simple and easy

Silent Operation

- Fanless design provides noise free operation

Eco-Friendly

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



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 compliant PoE on ports 1-4
- 52W 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

The D-Link® 8-Port Gigabit Unmanaged Desktop Switch with 4 PoE Ports (DGS-1008P) 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) to a network. 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 also provides the opportunity to add 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 of the DGS-1008P supports the IEEE 802.3af PoE protocol. Each of these four ports can supply up to 15.4 watts for a total PoE budget of 52 watts, allowing users to attach any IEEE 802.3af compliant device 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, no Additional Setup

The DGS-1008P is plug-and-play and requires no additional configuration. Its compact size and fan-less design allow for installation anywhere data or power is required. 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 you save energy without affecting networking performance. In addition, the fan-less design extends the product's life and also reduces noise.

Technical Specifications

DGS-1008P	
	
General	
Number of Ports	Eight 10/100/1000 Mbps ports (4 PoE enabled Port) ports
Switching Capacity	16Gbps
Standards	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
PoE Features	<ul style="list-style-type: none"> • Supports IEEE 802.3af • Supplies power to PD: up to 15.4Watts • Total PoE budget: 52Watts
Data Transfer Rates	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	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.)
Media Interface Exchange	Auto MIDI/MDIX adjustment for all parts
LED Indicators	Per port: Link/Activity/Speed/PoE Status Per device: Power/PoE Max
Transmission Method	Store-and-forward
MAC Address Table	4K Entries per device

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

MAC Address Learning	Automatic update
MAC Address Filtering/ Forwarding Rates	<ul style="list-style-type: none"> • Ethernet: 14,880 pps per port • Fast Ethernet: 148,800 pps per port • Gigabit Ethernet: 1,488,000 pps per port
RAM Buffer	192 KBytes per device
Physical	
Power Adapter	<ul style="list-style-type: none"> • AC input: 100 to 240VAC, 50/60 Hz • DC output: DC 48V/1.25 A (60Watts)
Power Consumption	<p>Power On (Standby):</p> <ul style="list-style-type: none"> • DC input: 0.48 Watts • AC input: 2.1 Watts <p>Maximum (PoE Off)</p> <ul style="list-style-type: none"> • DC input: 4.48 Watts • AC input: 6.2 Watts <p>Maximum (PoE On)</p> <ul style="list-style-type: none"> • DC input: 57.83 Watts • AC input: 63.2 Watts
Operating Temperature	<p>Device:</p> <ul style="list-style-type: none"> • 32 to 122 °F (0 to 50 °C) <p>External Power Adapter:</p> <ul style="list-style-type: none"> • 32 to 104 °F (0 to 40 °C)
Storage Temperature	104 to 158 °F (-40 to 70 °C)
Storage Humidity	0% to 95% RH non-condensing
Dimensions	7.5 x 4.7 x 1.5 inches (190 x 120 x 38 mm)
Certifications	<p>FCC Class B ICES-003 Class B CE Class B C-Tick Class B VCCI Class B cUL LVD</p>
Warranty	
Warranty	Limited Lifetime Warranty ¹
Ordering Information	
Part Number	
DGS-1008P	8-Port Gigabit Unmanaged Desktop Switch with 4 PoE Ports

¹Limited Lifetime Warranty available only in the USA. All references to speed are for comparison purposes only.

Updated 10/1/14 (Hardware Rev. B1)

For more information

U.S.A. | 17595 Mt. Herrmann Street | Fountain Valley, CA 92708 | 800.326.1688 | dlink.com

©2014 D-Link Corporation/D-Link Systems, Inc. All rights reserved. D-Link, the D-Link logo, and D-ViewCam are trademarks or registered trademarks of D-Link Corporation or its subsidiaries in the United States and/or other countries. Other trademarks or registered trademarks are the property of their respective owners. Visit www.dlink.com for more details.

D-Link[®]
Building Networks for People