

Product Highlights

Application Versatility

Built-in DIP switch allows easy configuration and quick adjustment of application settings without the need to access web configuration

Durable Design

Durable and compact metal housing, high port count, and a fanless design for noise-free operation

Green Solution

Compliance with IEEE 802.3az EEE to help save energy automatically and reduce costs, without sacrificing performance



DGS-1010P

10-Port Unmanaged Gigabit PoE Switch

Features

Flexible Connectivity

- 8 Gigabit Ethernet ports for fast network speeds and backwards compatibility
- 2 SFP uplink ports

Easy Setup

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

Convenient DIP Switch Settings

- Flow control
- Port isolation and storm control
- Extend mode (ports 1 to 4)

Adequate PoE Power Budget

- Supports IEEE 802.3af/at standard
- Each port supports up to 30 watts, with a total PoE budget of 125 watts

Intuitive PoE Usage Monitoring

- Real-time feedback on the power consumption of PoE-powered devices

The D-Link DGS-1010P 10-Port Unmanaged Gigabit PoE Switch offers an economical way for SOHO and Small-to-Medium Businesses (SMB) to take advantage of Gigabit Ethernet speeds, while reducing energy consumption and minimizing noise output.

Improved Network Efficiency

The DGS-1010P incorporates several advanced features to help simplify and improve network management and efficiency. Flow Control throttles connections to ensure reliability during heavy usage periods by reducing packet loss and wasteful data retransmission. In addition, storm control and port isolation mitigate the effects of broadcast storms caused by rogue software and malware, which can propagate across the network and bring communication to a standstill.

Innovative Design

The DGS-1010P allows users to quickly enable or disable key port features via the built-in DIP switch to adapt to network needs, including flow control, port isolation & storm control, and Extend transmission mode, allowing fast and easy onsite configuration without having to access the web UI. The DGS-1010P also features a durable, compact metal case alongside a fanless design allowing for improved heat dissipation while maintaining silent operation. The DGS-1010P is rack-mountable and ideal for any business with demanding requirements and a small budget.

Green Technology

The DGS-1010P helps conserve energy automatically through several methods. Link status detection automatically powers down ports that have no link, allowing the switches to save substantial amounts of power by cutting power usage for unused ports or any ports connected to computers that have been shut down. Energy-Efficient Ethernet (EEE) conserves energy by dynamically reducing power consumption when data activity is low. These environmentally friendly switches are also RoHS compliant, use recyclable packaging, and minimize the use of harmful substances. These green features combined, provide more energy savings and a longer product life, without sacrificing operational performance or functionality.

DGS-1010P 10-Port Unmanaged Gigabit PoE Switch

Technical Specifications

General		
Interface	• 8 x 10/100/1000Mbps PoE ports • 2 x 100/1000Mbps SFP uplink ports	
Standards	• IEEE 802.3 10BASE-T Ethernet • IEEE 802.3u 100BASE-TX Fast Ethernet • IEEE 802.3x flow control • IEEE 802.3af/at PoE	
LED	• Per unit: Power • Per port: Activity / Link and Speed • Per PoE port: Power fail, Power OK	
Functionality		
Switching Capacity	20 Gbps	
Transmission Method	Store-and-forward	
Packet Buffer	2 Mb	
Jumbo Frames	9216 Bytes	
Maximum Forwarding Rate	14.88 Mpps	
PoE Power Budget	125 W	
PoE Ports	Ports 1 to 8 (up to 30W per port)	
Physical		
Dimensions	330 x 180 x 44 mm (12.99 x 7.09 x 1.73 in)	
Weight	1.808 kg (3.98 lbs)	
Power	Internal AC input: 100 ~ 240 VAC, 50~60 Hz	
Power Consumption	• Maximum: 148.1 W • Standby: 2.6 W	
Temperature	• Operating: 0 to 50 °C (32 to 122 °F) • Storage: -10 to 70 °C (-40 to 158 °F)	
Humidity	• Operating: 10% to 95% RH non-condensing • Storage: 5% to 95% RH non-condensing	
MTBF	426,247.1 hours	
Heat Dissipation	505.021 BTU/hr	
Certifications	• FCC • BSMI • CE	
Safety	• LVD • BSMI	
Order Information		
DGS-1010P	8 x 10/100/1000Mbps PoE ports + 2 x 100/1000Mbps SFP uplink ports unmanaged switch	
Optional SFP Transceivers		
DEM-310GT	1000BASE-LX, single-mode, 10 km	
DEM-311GT	1000BASE-SX, multi-mode, 550 m	
DEM-314GT	1000BASE-LHX, single-mode, 50 km	