Product Highlights

Application Versatility

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

Power over Ethernet

Increased PoE capability and support for IEEE 802.3af/at to power more devices with greater port density

Green Solution

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



DGS-1026P

26-Port Gigabit Unmanaged PoE Switch

Features

Flexible Connectivity

- 24 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
- PD Alive
- Extend Mode (Ports 1 to 8)

Adequate PoE Power Budget

- Supports IEEE 802.3af/at standard
- Each port supports up to 30 watts, with a total PoE budget of 240 watts

Comprehensive System Efficiency

- Features smart fan to adjust fan speed by system requirements
- Better acoustic performance and less power loss

Intuitive PoE Usage Monitoring

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

The D-Link DGS-1026P 26-Port Gigabit Unmanaged 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 minimising noise output.

Gigabit Connectivity

The DGS-1026P brings the speed of Gigabit Ethernet to all ports for a truly high-speed network. If your network has a mix of legacy and modern connection interfaces, each port allows for standard Ethernet, Fast Ethernet, or Gigabit Ethernet connections. You have the latest technology available to every computer and device connected to your network.

Improved Network Efficiency

The DGS-1026P 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-1026P 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, PD alive, and Extend transmission mode, allowing fast and easy onsite configuration without having to access the web UI. The DGS-1026P also features a durable, compact metal case alongside a smart fan design allowing for improved heat dissipation. The DGS-1026P is rack-mountable and ideal for any business with demanding requirements and a small budget.

Green Technology

The DGS-1026P 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 minimise the use of harmful substances. These green features combined, provide more energy savings and a longer product life, without sacrificing operational performance or functionality.

Technical Specifications

General		
Interface	• 24 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 Standard
LED	• Per unit: Power • Per port: Activity / Link and Speed	• Per PoE port: Power fail, Power OK
Functionality		
Switching Capacity	52 Gbps	
Transmission Method	Store-and-forward	
Packet Buffer	4.1 Mb	
Jumbo Frames	9216 Bytes	
Maximum Forwarding Rate	38.69 Mpps	
PoE Power Budget	240 W	
PoE Ports	Ports 1 to 24 (up to 30W per port)	
Physical		
Dimensions	441.0 x 210.0 x 44 mm	
Weight	3.182 kg	
Power	Internal AC input: 100 ~ 240 VAC, 50~60 Hz	
Power Consumption	• Maximum: 288.56 W	• Standby: 15.967 W
Temperature	• Operating: 0 to 50 ˚C	• Storage: -10 to 70 ˚C
Humidity	• Operating: 10% to 95% RH non-condensing	• Storage: 5% to 95% RH non-condensing
MTBF	426,692.94 Hours	
Heat Dissipation	984.567 BTU/hr	
Certifications	• FCC • BSMI	• CE
Safety	• LVD	• BSMI
Optional SFP Transceivers		
DEM-310GT	1000BASE-LX, single-mode, 10 km	
DEM-311GT	1000BASE-SX, multi-mode, 550 m	

Actual performances may vary due to settings, cabling, temperature, network configuration, interface, device compatibility, environmental and on-site conditions, and other similar factors. References to power capability, signal or processing speed, signal range or distance, data encryption, storage capacity, display properties, or other performance metrics are based on optimal conditions derived from industry standards and provided for informational purposes only. Specifications may be subject to change without prior notice.

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