Product Highlights

Power over Ethernet
Support for IEEE 802.3at/af Power over Ethernet (PoE) on ports 1 to 8 allows for powering of PoE-powered devices up to 250m and ports 9 to 16 up to 100M

PoE Power Budget

A large 250W PoE power budget and up to 30 W per port for simultaneously powering multiple PoE-compatible devices

Plug-and-play

Plug-and-play installation means the switch can be quickly and easily installed without the need for any additional configuration

DGS-F1026P-E
250M 24 1000 Mbps PoE Switch with 2 SFP Ports

Features

High-Speed Networking
- 24 10/100/1000 Mbps Ethernet ports
- Full/half-duplex for Ethernet/Fast Ethernet/Gigabit
- 2 SFP Uplink

Functions
- VLAN
- EXTEND
- PoE
- QoS

Easy Setup
- Plug-and-play installation
- Auto MDI/MDI-X crossover on all ports

PoE Functionality
- Twenty-Four PoE ports
- IEEE 802.3af/at compliant
- 250W total power budget
- Up to 30 W power output per PoE port

The D-Link DGS-F1026P-E24 Port Switch with 10/100/1000Mbps and 2 SFP Ports enables you to connect Power over Ethernet (PoE) devices such as wireless access points (APs), IP cameras, and IP phones to the network. The DGS-F1026P-E can also connect other Ethernet devices like computers, printers and a Network Attached Storage (NAS) to fit into any type of network application.

Power over Ethernet

DGS-F1026P-E features twenty-four 10/100/1000 BASE-T ports that Support the IEEE 802.3af and IEEE PoE protocols, supplying up to 30 W on each PoE port and Port 1-8 can support up to 250m, and providing a total power budget of 250W. You can connect compatible devices to the DGS-F1024P-E without using an additional power supply. This allows you to save on cabling and to install devices in locations without immediate access to power outlets.

High Performance

The DGS-F1024P-E features plug-and-play installation and requires no configuration. Auto MDI/MDI-X support on all ports removes the need for crossover cables when connecting to another switch or hub, and auto-negotiation on each port intelligently adjusts the port speed for compatibility with the connected device. With wire-speed filtering and store-and-forward switching, the DGS-F1024P-E maximizes network performance while minimizing the transmission of bad network packets.

With SFP uplink port mean businesses can increase their network bandwidth using the speed of gigabit ethernet and fiber.

Function

The DGS-F1026P-E 24Port switch with PoE and 2 SFP; 6KV protected is equipped with smart features with a switch of button such as :

Extend - support up to 250m distance power supply

VLAN - Isolating ports 1-24 from each other can effectively supress network storms and improve network performance

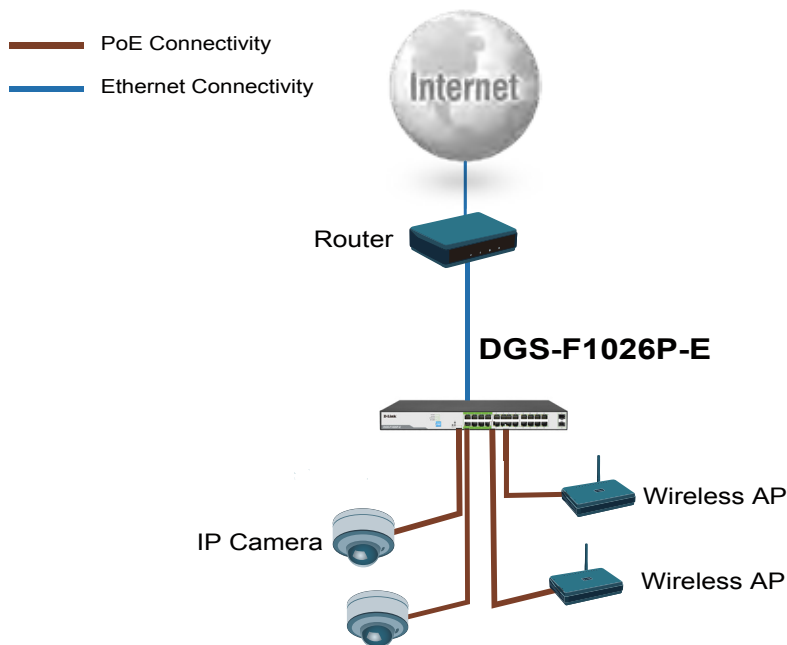QoS - Prioritize the identified video data to make video transmission smoother

PoE - Automatic detection power of port, power off and restart

Expand and Upgrade Your Network

The DGS-F1026P-E offers an economical way for SOHO and small to medium businesses (SMB) to benefit from high-speed PoE networking.

It provides twenty-four PoE ports and 2 SFP port for easy expansion of your your network and supply power up to 250m* to your PoE devices. DGS-F1018P-E, Port 1 - 8 can supply power (802.3 af/at) up to 250m distance at 10Mbps, cost-effective solution for your SMB requirement. Unmanaged switch with rich function (Extend, VLAN, QoS and PoE) provides a reliable connection to your company infrastructure.

Example Configuration

PoE Connectivity
Ethernet Connectivity

Internet

Router

DGS-F1026P-E

Wireless AP

IP Camera

Wireless AP

Technical Specifications	
General	
Size	• Desktop (with Mounting Kit)
Interfaces	• 24 10/100/1000 BASE-T ports • 2 SFP
Standards	• IEEE 802.3u,Fast Ethernet standard • IEEE 802.3x,Full-duplex Ethernet data link layers • IEEE 802.3ab,Gigabit Ethernet standards • IEEE 802.3af/at ,Ethernet power supply POE standard • IEEE 802.3ab,Gigabit Ethernet standards • IEEE 802.3az ,EEE,Energy efficient Ethernet standard • IEEE 802.3z ,Gigabit Ethernet fiber-optic standard
OSI Layer	• Layer 2
Media Interface Exchange	• Auto MDI/MDI-X adjustment on all ports
Lighting Protection	• 6KV
Performance	
Switching Fabric	• 52 Gbps
Mac address	• 8K
Transmission Method	• Adopt Store-and-forward

Data Transfer Rates	• Gigabit Ethernet
	  • 1000 Mbps
		• Ethernet
		  • 100 Mbps

Packet Filtering / Forwarding Rates	• 10M port maximum 14800pps • 100M port maximum 148800pps • 1000M port maximum 1488000pps	
PoE		
PoE Standards	• IEEE 802.3af	• IEEE 802.3at
PoE-Capable Ports	•Port 1 - 24 (Port 1 - 8 PoE can support up to 250m @ 10Mbps with Extend enabled)	
Power Budget	• 250W (30 W max. per PoE port)	
LEDs		
Power	✓	
Link/Activity	✓	
Physical		
Weight	• 3kg	
Dimensions	• 440 x 180 x 44 mm	
Power	• 250W	
Temperature	• Operating: 0 to 40 ˚C (32 to 104 ˚F)	
Humidity	• Operating: 0% to 95% RH non-condensing	• Storage: 0% to 95% RH non-condensing
Certifications		
Safety	• LVD	
EMI/EMC	• CE • RCM • FCC	

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