

Product Highlights

Power over Ethernet

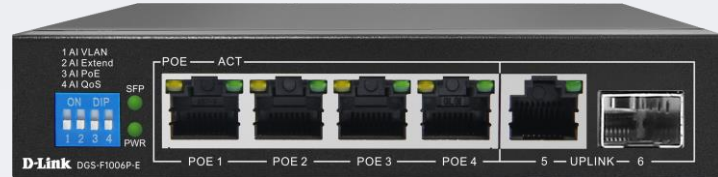
Support for IEEE 802.3at/af Power over Ethernet (PoE) on ports 1 to 4 allows for powering of PoE-powered devices up to 250m and ports to 10 up to 100M

PoE Power Budget

A large 60W 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-F1006P-E

4 1000Mbps 250m PoE +1 GE & 1 SFP Uplink

Features

High-Speed Networking

- 4 10/100/1000 Mbps Ethernet ports
- Full/half-duplex for Ethernet/Fast Ethernet/Gigabit
- 1 GE & 1 SFP Uplink

Functions

- VLAN
- EXTEND
- PoE
- QoS

Easy Setup

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

PoE Functionality

- 4 GE PoE ports
- 1 GE & 1 SFP port
- IEEE 802.3af/at compliant
- 60W total power budget
- Up to 30 W power output per PoE port

The D-Link DGS-F1006P-E 4 Port Switch with 10/100/1000Mbps and 1 GE & 1 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-F1006P-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-F1006P-E features four 10/100/1000 BASE-T ports that Support the IEEE 802.3af and IEEE 802.3at PoE protocols, supplying up to 30W on each PoE port and Port 1-4 can support up to 250m, 1 GE and 1 SFP providing a total power budget of 60W. You can connect compatible devices to the DGS-F1006P-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.

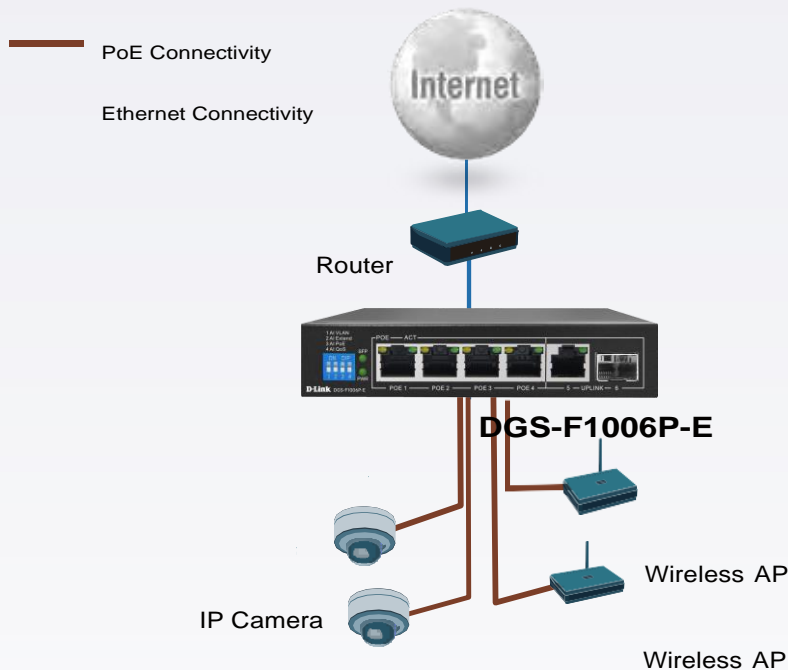
High Performance

The DGS-F1006P-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-F1006P-E maximizes network performance while minimizing the transmission of bad network packets.

Expand and Upgrade Your Network

The DGS-F1006P-E offers an economical way for SOHO and small to medium businesses (SMB) to benefit from high-speed PoE networking. It provides 4 PoE ports and 1 GE & 1 SFP port for easy expansion of your your network and supply power up to 250m* to your PoE devices. DGS-F1006P-E, Port 1 - 4 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



Technical Specifications

General

Size	• Desktop (with Mounting Kit)
Interfaces	• 4 10/100/1000 BASE-T ports • 1 GE • 1 SFP
Standards	• IEEE 802.3u, Fast Ethernet standards • IEEE 802.3ab, Gigabit Ethernet standards • IEEE 802.3x, Full-duplex Ethernet data link layers • IEEE 802.3af/at, Ethernet power supply POE standard • IEEE 802.3az, EEE, Energy efficient Ethernet standard • IEEE 802.3z, Gigabit Ethernet fiber-optic standard
Media Interface Exchange	• Auto MDI/MDI-X adjustment on all ports
Lighting Protection	• 6KV
Performance	
Switching Fabric	• 12 Gbps
Transmission Method	• Adopt Store-and-forward

DGS-F1006P-E 4 1000 Mbps PoE Switch with 1 GE & 1 SFP

Data Transfer Rates	Gigabit Ethernet 1000 Mbps	Ethernet 100Mbps
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 - 4 (Port 1 - 4 PoE can support up to 250m @ 10Mbps with Extend enabled)	
Power Budget	60W (30 W max. per PoE port)	
LEDs		
Power	✓	
Link/Activity	✓	
Physical		
Dimensions	135mm*75mm*27mm	
Power	60W	
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		
EMI/EMC	CE	

Switch Working mode

Using DIP switch control working mode, details description as below:

Extend – Port 1-4 support up to 250m distance power supply

VLAN - Isolating ports 1-4 from each other can effectively suppress 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

Ordering Information

Part Code	Description
DGS-F1006P-E	4 10/100/1000 Mbps PoE Ports and 1 GE & 1 SFP Uplink port Unmanaged Switch