



## Product Highlights

### Power over Ethernet

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

### PoE Power Budget

A large 60 W 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-F1005P-E

# 250M 5-Port 10/100/1000 Switch with 4 PoE Ports and 1 Uplink Port

## Features

### High-Speed Networking

- Five 10/100/1000 Mbps Ethernet ports
- Full/half-duplex for Ethernet/Fast Ethernet

### Functions

- VLAN
- EXTEND
- PoE

### Easy Setup

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

### Stylish Design

- Noise-free operation

### PoE Functionality

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

The D-Link DGS-F1005P-E 5-Port 10/100/1000 Switch with 4 PoE Ports enables you to connect Power over Ethernet (PoE) devices such as wireless access points (APs), IP cameras, and IP phones to the network. Built with home and small business users in mind, the DGS-F1005P-E is compact and operates silently, making it ideal for most rooms and offices

## Power over Ethernet

DGS-F1005P-E features four 10/100/1000 BASE-T ports that support the IEEE 802.3af and IEEE 802.3at PoE protocols, supplying up to 30 W on each PoE port up to 250m and providing a total power budget of 60 W. You can connect compatible devices to the DGS-F1005P-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-F1005P-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-F1005P-E maximizes network performance while minimizing the transmission of bad network packets.

**Function**

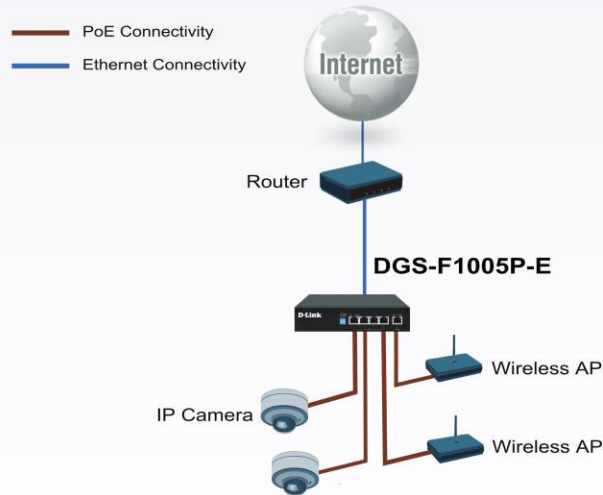
The DGS-F1005P-E, 6KV protected, is equipped with smart features with a switch of button such as

- Extend - support up to 250m distance power supply
- VLAN - Isolating ports 1-4 from each other can effectively suppress network storms and improve network performance
- PoE - Automatic detection power of port, power off and restart

**Compact and Silent**

The compact design of the DGS-F1005P-E allows placement in most locations, including those where space is at a premium. The desktop form factor provides everything you need to set up a new network or expand an existing network, while the fanless design ensures silent operation even in noise-sensitive areas such as workstations and meeting rooms.

**Example Configuration**



| Technical Specifications |   |
|--------------------------|---|
| General                  |   |
| Size                     | • Desktop   |
| Interfaces               | • 4 10/100/1000 BASE-T ports      • 1 10/100/1000 BASE-T Uplink ports   |
| Standards                | • IEEE 802.3 10BASE-T Ethernet (twisted-pair copper)      • IEEE 802.3x flow control<br>• IEEE 802.3u 100BASE-TX Fast Ethernet (twisted-pair copper)<br>• ANSI/IEEE 802.3 NWay auto-negotiation |
| Media Interface Exchange | • Auto MDI/MDI-X adjustment on all ports  |
| Lighting Protection      | • 6KV   |
| Performance              |   |
| Switching Fabric         | • 10 Gbps   |
| Transmission Method      | • Adopt Store-and-forward   |

## DGS-F1005P-E 5-Port 10/100/1000 switch with 4 PoE ports

|                                     |   |  |
|-------------------------------------|---|--|
| Data Transfer Rates                 | <ul style="list-style-type: none"> <li>• Gigabit Ethernet</li> <li>• 1000 Mbps</li> </ul>   | <ul style="list-style-type: none"> <li>• Fast Ethernet</li> <li>• 100 Mbps</li> </ul>    |
| Packet Filtering / Forwarding Rates | <ul style="list-style-type: none"> <li>• 10M port maximum 14800pps</li> <li>• 100M port maximum 148800pps</li> <li>• 1000M port maximum 1488000pps</li> </ul> |  |
| <b>PoE</b>                          |   |  |
| PoE Standards                       | <ul style="list-style-type: none"> <li>• IEEE 802.3af</li> </ul>  | <ul style="list-style-type: none"> <li>• IEEE 802.3at</li> </ul>                         |
| PoE-Capable Ports                   | <ul style="list-style-type: none"> <li>• Ports 1 to 4</li> </ul>  |  |
| Power Budget                        | <ul style="list-style-type: none"> <li>• 60 W (30 W max. per PoE port)</li> </ul>   |  |
| <b>LEDs</b>                         |   |  |
| Power                               |   | ✓  |
| Link/Activity                       |   | ✓  |
| <b>Physical</b>                     |   |  |
| Weight                              | <ul style="list-style-type: none"> <li>• 1 kg</li> </ul>  |  |
| Dimensions                          | <ul style="list-style-type: none"> <li>• 190 x 131 x 40 mm</li> </ul>   |  |
| Power                               | <ul style="list-style-type: none"> <li>• Internal power PSU: 60W</li> </ul>   |  |
| Temperature                         | <ul style="list-style-type: none"> <li>• Operating: 0 to 40 °C (32 to 104 °F)</li> </ul>  |  |
| Humidity                            | <ul style="list-style-type: none"> <li>• Operating: 0% to 95% RH non-condensing</li> </ul>  | <ul style="list-style-type: none"> <li>• Storage: 0% to 95% RH non-condensing</li> </ul> |
| <b>Certifications</b>               |   |  |
| EMI/EMC                             | <ul style="list-style-type: none"> <li>• CE</li> <li>• FCC</li> </ul>   |  |

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