

## 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 10 up to 100M

### PoE Power Budget

A large 120W 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-F1010P-SE

# 8GE PoE + 2 SFP Uplink, 120Watt 250m PoE switch

## Features

### High-Speed Networking

- 8 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

- 8 PoE ports
- IEEE 802.3af/at compliant
- 120W total power budget
- Up to 30 W power output per PoE port

The D-Link DGS-F1010P-SE 8 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-F1010P-SE 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-F1010P-SE features eight 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 1-8 can support up to 250m, and providing a total power budget of 120W. You can connect compatible devices to the DGS-F1010P-SE 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.

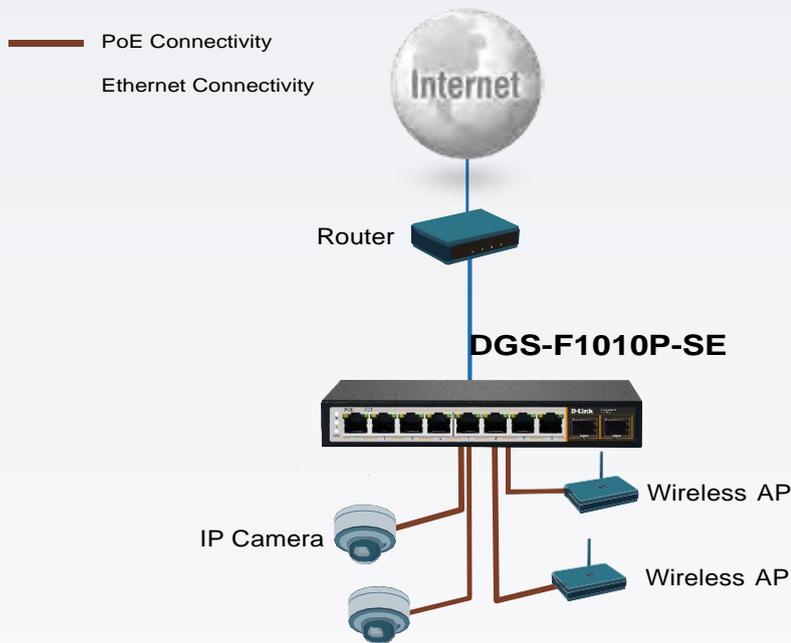
## High Performance

The DGS-F1010P-SE 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-F1010P-SE maximizes network performance while minimizing the transmission of bad network packets.

## Expand and Upgrade Your Network

The DGS-F1010P-SE offers an economical way for SOHO and small to medium businesses (SMB) to benefit from high-speed PoE networking. It provides 8 PoE ports and 2 SFP port for easy expansion of your network and supply power up to 250m\* to your PoE devices. DGS-F1010P-SE, 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



### Technical Specifications

| General                  |  |
|--------------------------|--|
| Size                     | • Desktop (with Mounting Kit)  |
| Interfaces               | <ul style="list-style-type: none"> <li>• 8 10/100/1000 BASE-T ports</li> <li>• 2 SFP</li> </ul>  |
| Standards                | <ul style="list-style-type: none"> <li>• IEEE 802.3u, Fast Ethernet standards</li> <li>• IEEE 802.3ab, Gigabit Ethernet standards</li> <li>• IEEE 802.3x, Full-duplex Ethernet data link layers</li> <li>• IEEE 802.3af/at, Ethernet power supply POE standard</li> <li>• IEEE 802.3az, EEE, Energy efficient Ethernet standard</li> <li>• IEEE 802.3z, Gigabit Ethernet fiber-optic standard</li> </ul> |
| Media Interface Exchange | • Auto MDI/MDI-X adjustment on all ports   |
| Lighting Protection      | • 6KV  |
| Performance              |  |
| Switching Fabric         | • 20 Gbps  |
| Transmission Method      | • Adopt Store-and-forward  |

|                                     |   |                                      |
|-------------------------------------|---|--------------------------------------|
| Data Transfer Rates                 | Gigabit Ethernet<br>1000 Mbps   | Ethernet<br>100Mbps                  |
| Packet Filtering / Forwarding Rates | 10M port maximum 14800pps<br>100M port maximum 148800pps<br>1000M port maximum 1488000pps |                                      |
| <b>PoE</b>                          |   |                                      |
| PoE Standards                       | IEEE 802.3af  | IEEE 802.3at                         |
| PoE-Capable Ports                   | Port 1 - 8 (Port 1 - 8 PoE can support up to 250m 10Mbps with Extend enabled)             |                                      |
| Power Budget                        | 120W (30 W max. per PoE port)   |                                      |
| <b>LEDs</b>                         |   |                                      |
| Power                               | ✓   |                                      |
| Link/Activity                       | ✓   |                                      |
| <b>Physical</b>                     |   |                                      |
| Dimensions                          | 184mm*94mm*27mm   |                                      |
| Power                               | 120W  |                                      |
| 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 |
| <b>Certifications</b>               |   |                                      |
| EMI/EMC                             | CE  |                                      |

**Switch Working mode**

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

**Extend** – Port 1-8 support up to 250m distance power supply

**VLAN** - Isolating ports 1-8 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-F1010P-SE | 8GE PoE + 2 SFP Uplink,120Watt 250m PoE switch |