

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 24 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

- 24 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-E 24 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 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 250W. You can connect compatible devices to the DGS-F1026P-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.

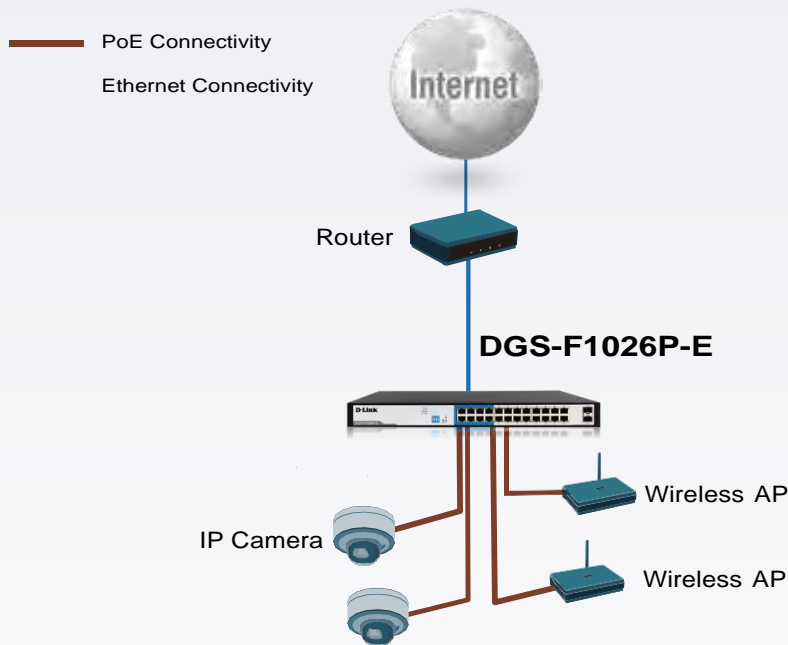
High Performance

The DGS-F1026P-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-F1026P-E maximizes network performance while minimizing the transmission of bad network packets.

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 24 PoE ports and 2 SFP port for easy expansion of your your network and supply power up to 250m* to your PoE devices. DGS-F1026P-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



Technical Specifications

| General | |
|--------------------------|--|
| Size | • Desktop (with Mounting Kit) |
| Interfaces | • 24 10/100/1000 BASE-T ports • 2 SFP |
| Standards | <ul style="list-style-type: none"> • 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 | • 52 Gbps |
| Transmission Method | • Adopt Store-and-forward |

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

| | | |
|-------------------------------------|---|--------------------------------------|
| 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 - 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 | 3.0kg | |
| 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 | | |
| 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 1-24 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-F1026P-E | 24 10/100/1000 Mbps PoE Ports and 2 10/100/1000 Mbps Uplink port Unmanaged Switch |