D-Link
Building Networks for People

Product Highlights

Power Your Devices

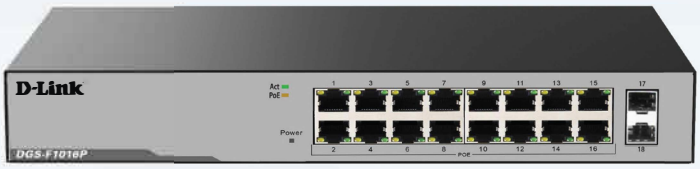
Supports IEE 802.3af/at PoE to Power PoE capable Network devices via ethernet cables without need for power adapters

Eco-friendly and Economical

Low-cost, innovative design runs reliably and quietly, saving energy and cutting costs without sacrificing performance

Rack Mountable

Rack mountable metal housing - rackmount brackets included



DGS-F1016P

16-Port Gigabit Unmanaged PoE Switch with 2 SFP Ports

Features

Superior connectivity

- 16 10/100/1000Mbps ports
- 2 Gigabit SFP uplink ports
- 350 watts available for PoE
- Flow control for protection against data loss

Standards

- IEEE 802.3 10BASE-T Ethernet (twist-pair copper) • IEEE 802.3u 100 BASE-TX Fast Ethernet (twisted pair copper)
- IEEE 802.3ab 1000BASE-T Gigabit Ethernet (twisted pair copper)
- IEEE 802.3z 1000 BASE-X (fiber-optic)
- IEEE 802.3af Power over Ethernet
- IEEE 802.3at Power over Ethernet
- IEEE 802.1p Quality of Service (QoS)

Easy to Use

- Plug-and-play installation
- IEEE 802.3x Flow Control
- Auto MDI | MDIX crossover for all ports

The D-Link DGS-F1016P Gigabit PoE Switch comes with 16 10/100/1000 Mbps PoE ports & 2 Gigabit SFP uplink ports. This Switch enables users to easily connect and supply power to PoE-capable devices such as wireless Access Points (APs), IP cameras.

Power Over Ethernet

The DGS-F1016P supports both IEEE 802.3at and IEEE 802.3af PoE protocol. With a total PoE budget of 350 watts ,allowing users to attach an IEEE 802.3af-compliant device to the DGS-F1016P without requiring additional power. PoE is especially suitable for devices that are far from power outlets or when users want to minimize the clutter of extra cables as power is supplied via the Ethernet cables themselves

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Technical Specifications	
General	
Network Interface	• 16 10/100/1000Mbps PoE RJ45 port (port 1 ~port 16) • 2 Gigabit SFP Ports
Transmission Rate	• 10/100/1000Mbps Each port supports MDI / MDIX auto-flip auto-negotiation • Network interface: 10BASE-T or 100BASE-TX, 1000 BASE-T Ethernet RJ-45 port
Protocols and Standards	• IEEE802.3 10 BASE-T • IEEE 802.3u 100 BASE-TX • ANSI/IEEE 802.3 NWay auto-negotiation • IEEE 802.1p Quality of Service (QoS) • IEEE802.3ab 1000 BASE-T • IEEE802.3z 1000 BASE-X • IEEE802.3x Flow Control • IEEE 802.3af/at standard
Functionality	
Switching Capacity	• 52 Gbps
Packet Forwarding	• 38.688Mpps
LED's Indicator PoE	• Power • LINK/ACT, PoE
Budget	• **350 W**
Power	• 100-240VAC, 50-60Hz
Physical	
Physical Characteristics	• Dimensions (LxWxH): 320*180*44mm • Weight: 2.314kg
Environmental Parameter	• Operating Temperature: 0 to 40 °C (32 to 104 °F) • Operating Humidity: 10% to 90% non-condensing
Order Information	
Part Number	*Description*
DGS-F1016P	16-Port 10/100/1000 Mbps Unmanaged PoE Switch with 2 SFP Ports

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