D-Link®
Building Networks for People

Product Highlights

Compact and Silent Design

Allows you to place the switch in any convenient location, with the power connector and ports neatly tucked away at the rear.

Power-over-Ethernet

Allows for flexible installation for wireless Access Points, IP cameras or IP phones[1], providing power and network connectivity with a single Ethernet cable.

Flow Control for Secure Transmission

802.3x flow control on each port minimises dropped packets when the port's receiving buffer is full. This gives you a reliable connection for all your devices.

DES-1009P+
8-Port Fast Ethernet PoE Desktop Switch

Features

High-Speed Networking
- 8 100M PoE+ ports, 1 Gigabit uplink port
- Full/half-duplex for Ethernet/Fast Ethernet speeds

Power-over-Ethernet
- IEEE 802.3af PoE
- 8 PoE ports, each supporting up to 30W
- PoE budget of 96 W

Reliability
- IEEE 802.3x flow control
- Store-and-forward switching scheme

Easy Setup
- Plug-and-play installation
- Auto MDI/MDIX crossover for all ports

Convenient Design
- Compact lightweight chassis
- Ports located conveniently at the rear
- Silent operation
- function switch: one-click VLAN

The DES-1009P+ 8-Port Fast Ethernet PoE Desktop Switch enables both home and office users to easily connect and supply power to Power over Ethernet (PoE) devices such as wireless Access Points (APs), IP cameras, and IP phones while adding more Ethernet devices like computers, printers, and Network Attached Storage (NAS) onto a network. Built with home and small business users in mind, this compact PoE switch operates silently, making it ideal for use in virtually any room or office.

Power over Ethernet IEEE 802.3af

The DES-1009P+ features 8 10/100BASE-TX ports that support the IEEE 802.3af PoE protocol. Each of the 8 PoE ports can supply up to 30 Watts, a total PoE budget of 96 Watts, allowing users to attach an IEEE 802.3af compliant device to the DES-1009P+ without requiring additional power. PoE is especially suitable for devices that are far from power outlets or when you want to minimise the clutter of extra cables.

Superior Performance

No configuration is required and installation is quick and easy. Support for Auto-MDI/MDI-X on all ports eliminates the need for crossover cables when connecting to another switch or hub. Auto-Negotiation on each port senses the link speed of a network device (either 10 or 100 Mbps) and intelligently adjusts for compatibility and optimal performance. The switch has been designed without fans so you can be sure of silent operation wherever it is installed. The DES-1009P+ also features diagnostic LEDs, which display status and activity, allowing you to quickly detect and correct problems on the network. With wire-speed filtering and store-and-forward switching, the DES-1009P+ also maximises network performance while minimising the transmission of bad network packets. Combining the convenience of PoE, superior performance, and ease of use, the 8-Port Fast Ethernet PoE Desktop Switch is the ideal choice for adding PoE devices to either a home or small business network.

DES-1009P+ 8-Port Fast Ethernet PoE Desktop Switch

Hassle-Free Setup

The 8-Port Fast Ethernet PoE Desktop Switch is a Plug-and-Play device that requires no configuration, so setup is simple and hassle-free. Connect multiple computers, share files, music, and video across your home or small office network, or even create a multi-player gaming environment.

Compact and Silent

The DES-1009P+ has a compact and silent design, meaning it can be placed in any location. The power connector and ports are all located at the rear of the switch allowing the cables to be tucked away conveniently. The DES-1009P+ is fan less , so the switch operates silently, allowing you to work or play without unnecessary noise distractions.

Technical Specifications

General

Standards	• IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1 000BASE-T, ANSI/IEEE 802.3 NWay auto-negotiation, IEEE 802.3af PoE, IEEE 802.3at PoE
Switching Fabric	• 3.6Gbps
Data Transfer Rates	• Ethernet • 10 Mbps (half duplex) • 20 Mbps (full duplex) • Fast Ethernet • 100 Mbps (half duplex) • 200 Mbps (full duplex)
Media Interface Exchange	• Auto MDI/MDIX adjustment for all ports
Network Cables	• 10BASE-T: • UTP CAT 3/4/5/5e (100 m max.) • EIA/TIA-586 100-ohm STP (100 m max.) • 100BASE-TX • UTP CAT 5/5e (100 m max.) • EIA/TIA-568 100-ohm STP (100 m max.)
LED Indicators	• Per unit: Power/ PoE Max • Per port: Activity/ Link and Speed • Per port: Power / Status • VLAN ON/OFF Status
Transmission Method	• Store-and-forward
Function switch	• Port isolation is opened or closed by sliding switch
Packet Filtering/Forwarding Rates	• 2.68Mpps
Cache	• 4.1 M

Physical

Dimensions	• 175×105×27mm
DC Input	• External 54V DC power adapter
Maximum power of equipment	• 96 W
Temperature	• Operating: 0 to 40 ℃ • Storage : -40-70 ° C
Humidity	• Operating: 5% to 90% RH non-condensing
Certifications	• FCC Class B • RoHS • CE

D-Link®

Building Networks for People