



Product Highlights

Power over Ethernet

- IEEE 802.3af compliant PoE on ports 1 - 4
- 58W PoE power budget

Plug-and-play Installation

- Requires no configuration or software
- Installation is simple and easy

Built to Last

- Fanless design provides noise free operation
- Metal desktop housing
- Reliability that businesses demand



DES-1008PA

8-Port 10/100 Unmanaged Metal Desktop Switch with 4 PoE Ports

Features

High-speed Networking

- Eight (8) 10/100 Mbps Fast Ethernet ports
- Auto-negotiation for each port
- Half/full duplex operation at 10/100 Mbps
- IEEE 802.3x Flow Control support

Power over Ethernet (PoE)

- IEEE 802.3af compliant PoE on ports 1 - 4
- 58W PoE power budget

Easy Setup

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

Overview

The D-Link® DES-1008PA 8-Port 10/100 Unmanaged Metal Desktop Switch with 4 PoE Ports 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) to a network. Built with home and small business users in mind, this low cost, compact PoE switch operates quietly, making it ideal for use in virtually any room or office.

IEEE 802.3af Power over Ethernet

The DES-1008PA features 4 10/100BASE-TX ports that support the IEEE 802.3af PoE standard. Each of the 4 PoE ports can supply up to 15.4 Watts, with a total system PoE budget of 58 Watts, allowing users to attach any IEEE 802.3af compliant device to the DES-1008PA without requiring external power. PoE is especially suitable for devices that are far from power outlets or when users want to minimize the clutter of extra cables, since power is supplied via the Ethernet cables themselves.

Superior Performance

Installation is quick and easy. Just plug it in and make your connections. No configuration is required. Support for Auto-MDI/MDI-X on all ports eliminates the need for crossover cables for connection to another switch or hub. Auto-Negotiation on each port senses the link speed of a network device (either 10Mbps or 100Mbps) and intelligently adjusts for compatibility and optimal performance. The switch has been designed without fans so you can be sure of quiet operation wherever it is installed. The DES-1008PA 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-1008PA also maximizes network performance while minimizing the transmission of bad network packets.

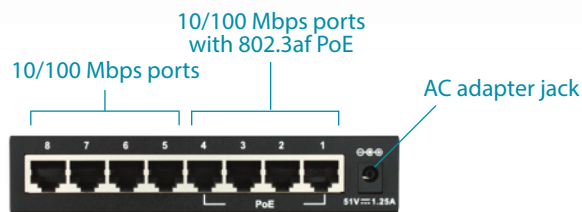
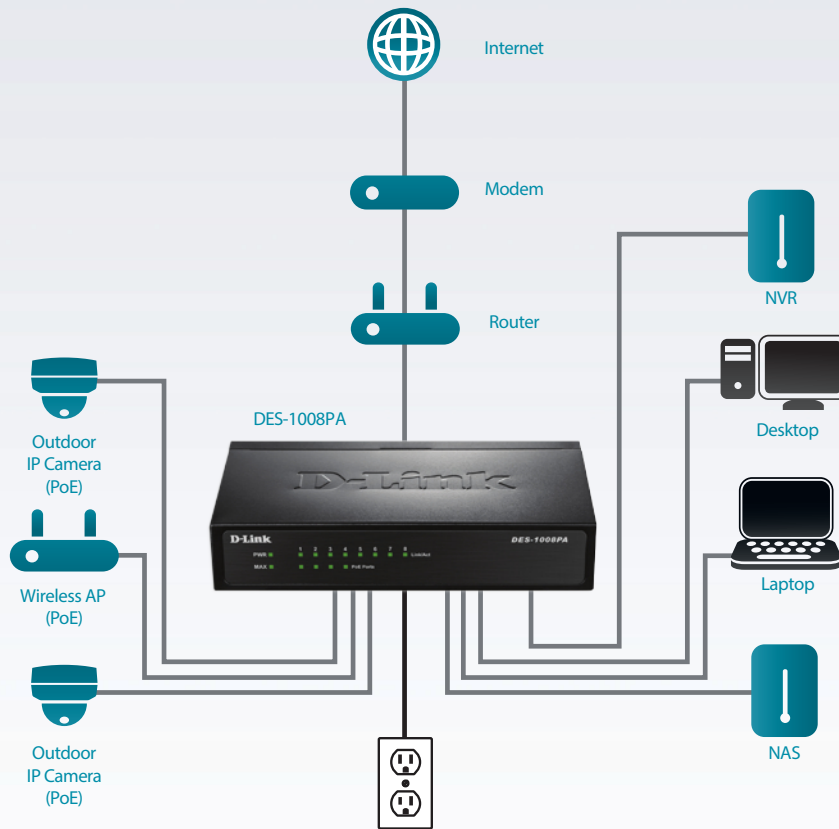
8-Port 10/100 Unmanaged Metal Desktop Switch with 4 PoE Ports

Combining the convenience of PoE, superior performance, and ease of use, the D-Link DES-1008PA 8-Port 10/100 Unmanaged Metal Desktop Switch with 4 PoE Ports is the ideal choice for adding PoE devices to both a home or small business network.

Limited Lifetime Warranty

D-Link offers a Limited Lifetime Warranty on the DES-1008PA to further its commitment to product quality and long-term customer confidence.

Sample Configuration



Back View

8-Port 10/100 Unmanaged Metal Desktop Switch with 4 PoE Ports

| Technical Specifications | | |
|-----------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------|
| General | | |
| Device Interfaces | 8 10/100 Mbps ports (4 PoE enabled) | |
| Standards | IEEE 802.3 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet | IEEE 802.3x Flow Control IEEE 802.3af |
| Switching Capacity | 1.6 Gbps | |
| Port packet forwarding rate | 14,880 pps for 10M | 148,810 pps for 100M |
| Transmisison Method | Store-and-forward | |
| MAC Address Table | 2K | |
| Packet Buffer | 96 KBytes | |
| Media Interface Exchange | Auto MDI/MDI-X for all ports | |
| LED indicators | Per unit: System Power Per port: Link / Activity | Per unit: PoE Max Per PoE port: PoE power On/Off |
| Fan | No fans | |
| PoE Standard | IEEE 802.3af | |
| PoE Ports | Ports 1 - 4 | |
| PoE Power Budget | 58 W | |
| Physical and Environmental | | |
| Dimensions | 5.5 x 3.0 x 1.1 in. (140 x 77 x 27 mm) | |
| Weight | 1 lb (0.5 kg) | |
| Power | External Linear AC/DC 51V/1.25A Power Adapter | |
| Power Consumption | 3.29 watts. (max. no PD device connected) 63.75 watts (max. with PoE device connected) | |
| Temperature | Operating: 32° to 122° F (0° to 40°C) | Storage: 14° to 158°F (-10° to 70°C) |
| Humidity | Operating: 10% to 90%, | Storage: 5% to 90% |
| MTBF | 69,627 hours | |
| Certifications | EMI: CE(CLASS B) FCC LVD RCM | RoHS compliant |
| Safety | CB UL RCM | |
| Ordering Information | | |
| <i>Part Number</i> | <i>Description</i> | |
| DES-1008PA | 8-Port 10/100 Unmanaged Metal Desktop Switch with 4 PoE Ports | |
| Warranty Information | | |
| Warranty | Limited Lifetime Warranty ¹ | |

¹ Limited Lifetime Warranty Available in the U.S.A. only.

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Hardware Rev. C

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For more information

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