

Product Highlights

Eco-friendly and Economical

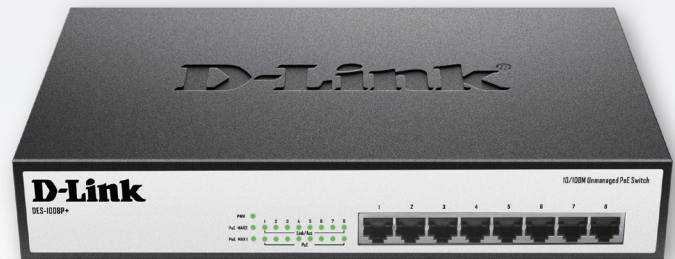
Low-cost, innovative design runs reliably and quietly, saving energy and cutting costs without sacrificing performance

Hassle Free Network Expansion

Provides Power over the Internet (PoE), minimizing cable clutter and making network expansion hassle free

Saves Energy

Environmental features reduce energy consumption, cutting costs, while compliance certifications allow for easy network integration



DES-1008P+

8-Port Unmanaged Switch with 8 PoE Ports

Features

Superior connectivity

- 8 10/100Mbps Fast Ethernet ports
- 140 watts available for PoE
- Flow control for protection against data loss

Standards

- IEEE 802.3 10BASE-T Ethernet (twist-pair copper)
- IEEE 802.3u 100BASE-TX Fast Ethernet (twisted pair copper)
- ANSI/IEEE 802.3 NWay auto-negotiation
- IEEE 802.3af Power over Ethernet
- IEEE 802.3at Power over Ethernet

Easy to Use

- Plug-and-play installation
- Full/half-duplex for Ethernet/Fast Ethernet speeds
- IEEE 802.3x Flow Control

The DES-1008P+ D-Link 8-Port Unmanaged Switch with 8 PoE Ports enables office users to easily connect and supply power to Power over Ethernet (PoE) devices such as wireless access Points (AP), IP cameras, and IP phones while also allowing more Ethernet devices like computers, printers, and Network Attached Storage (NAS) to be connected to a network. Built with small business users in mind, this compact PoE switch operates quietly, making it ideal for use in virtually any office.

PoE Versatility

The DES-1008P+ features 8 10/100BASE-TX ports that support the IEEE 802.3af/at PoE protocol allowing a multitude of PoE devices to be connected to your network. In IEEE802.3af mode, each of the 8 PoE ports can supply up to 15.4 watts, and in IEEE802.3at mode, each of the 8 PoE ports can supply up to 30 watts, allowing users to attach an IEEE 802.3af/at compliant device to the DES-1008P+ without requiring additional power. This eliminates the need of having to place networking devices within close proximity of a power outlet and minimizes cable clutter in awkward places such as ceilings or walls.

Ease of Use

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 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. When an IEEE 802.3af/at compliant device is attached, power supplied to that device will be automatically adjusted to fit the device. The DES-1008P+ also features diagnostic LEDs, which display status and activity, allowing you to quickly detect and correct problems on the network. Combining the versatility of PoE, and ease of use, the D-Link 8-Port Unmanaged Switch with 8 PoE Ports is the ideal choice for adding PoE devices to a small business network.

Technical Specifications

General

Standards	<ul style="list-style-type: none"> • IEEE 802.3 10BASE-T Ethernet (twisted-pair copper) • IEEE 802.3u 100BASE-TX Fast Ethernet (twisted-pair copper) 	<ul style="list-style-type: none"> • ANSI/IEEE 802.3 NWay auto-negotiation • IEEE 802.3x flow control • IEEE 802.3af Power over Ethernet • IEEE 802.3at Power over Ethernet
LAN	<ul style="list-style-type: none"> • IEEE 802.3 10BASE-T • IEEE 802.3u 100BASE-TX compliance 	<ul style="list-style-type: none"> • IEEE 802.3x Flow Control support
Data Transfer Rates	<ul style="list-style-type: none"> • Fast Ethernet <ul style="list-style-type: none"> • 100 Mbps Half-Duplex • 200 Mbps Full-Duplex 	<ul style="list-style-type: none"> • Ethernet <ul style="list-style-type: none"> • 10 Mbps Half-Duplex • 20 Mbps Full-Duplex

Functionality

Port Packet Filtering/Forwarding Rate	<ul style="list-style-type: none"> • 148,800 pps for 100 M 	<ul style="list-style-type: none"> • 14,880 pps for 10 M
Switching Fabric	<ul style="list-style-type: none"> • 1.6 Gbps switching fabric 	
Number of Ports	<ul style="list-style-type: none"> • 8 10/100 Mbps Fast Ethernet ports 	<ul style="list-style-type: none"> • 8 PoE ports
Network Cables	<ul style="list-style-type: none"> • 10BASE-T: <ul style="list-style-type: none"> • UTP CAT 3/4/5/5e (100 m max.) • EIA/TIA-586 100-ohm STP (100 m max.) 	<ul style="list-style-type: none"> • 100BASE-TX <ul style="list-style-type: none"> • UTP CAT 5/5e (100 m max.) • EIA/TIA-568 100-ohm STP (100 m max.)
Media Interface Exchange	<ul style="list-style-type: none"> • Auto MDI/MDIX adjustment for all ports 	
LED Indicators	<ul style="list-style-type: none"> • Link/Activity (per port) 	<ul style="list-style-type: none"> • Power (per device)
Transmission Method	<ul style="list-style-type: none"> • Store-and-forward 	
MAC Address Table	<ul style="list-style-type: none"> • 2K entries per device 	
MAC Address Learning	<ul style="list-style-type: none"> • Automatic update 	
Packet Filtering/Forwarding Rates	<ul style="list-style-type: none"> • Ethernet: 14,880 pps per port 	<ul style="list-style-type: none"> • Fast Ethernet: 148,800 pps per port
RAM Buffer	<ul style="list-style-type: none"> • 96K bytes 	
Topology	<ul style="list-style-type: none"> • Star 	
Protocol	<ul style="list-style-type: none"> • CSMA/CD 	

Physical

Dimensions	<ul style="list-style-type: none"> • 280 x 125.8 x 44 mm (11.0 x 5.0 x 1.7 inches) 	
Weight	<ul style="list-style-type: none"> • 1.65 kg (3.63763lbs) 	
Power Consumption	<ul style="list-style-type: none"> • Power On (Standby, no PD device connected) <ul style="list-style-type: none"> • AC input: 6.9 watts maximum 	<ul style="list-style-type: none"> • Maximum: (with 140W PoE device connected) <ul style="list-style-type: none"> • AC input: 146 watts
Heat Dissipation	<ul style="list-style-type: none"> • Power On (Standby, no PD device connected) <ul style="list-style-type: none"> • AC input: 22.67 BTU/h 	<ul style="list-style-type: none"> • Maximum: (with 140W PoE device connected) <ul style="list-style-type: none"> • AC input: 486.7 BTU/h
MTBF	<ul style="list-style-type: none"> • 64,207 hours 	
Temperature	<ul style="list-style-type: none"> • Operating: 0 to 40 °C (32 to 104 °F) 	<ul style="list-style-type: none"> • Storage: -40 to 70 °C
Humidity	<ul style="list-style-type: none"> • Operating: 0% to 95% non-condensing 	<ul style="list-style-type: none"> • Storage: 0% to 95% non-condensing
Certifications	<ul style="list-style-type: none"> • FCC • CE • CB 	<ul style="list-style-type: none"> • CCC • UL/cUL

DES-1008P+8-Port Unmanaged Switch with 8 PoE Ports

Order Information	
<i>Part Number</i>	<i>Description</i>
DES-1008P+	8-Port Unmanaged Switch with 8 PoE Ports

Updated 06/25/14