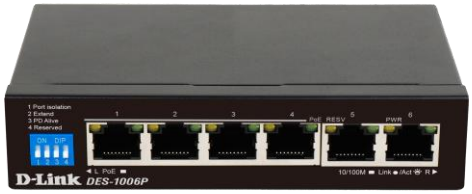
Product Highlights

Reliable Connection
Fast Ethernet ports allow you to connect five devices with reliable transmission quality or file transfers

Quad PoE Coverage
Powers multiple IP cameras, access points, and VoIP phones through one switch. It simplifies network infrastructure and maximizes wiring efficiency.

Environmentally Friendly
IEEE 802.3az Energy-Efficient Ethernet (EEE) reduces power consumption when ports are not in use, conserving energy and lowering costs



DES-1006P

6-Port Fast Ethernet Unmanaged PoE Switch

Key Features

Reliable Connectivity

- Four Fast Ethernet PoE ports for powering devices
- Two Fast Ethernet LAN ports for reliable wired connections
- Plug-and-play installation for convenience

Adequate PoE Power Budget

- IEEE 802.3af/at standard
- Four port delivers up to 30W with a 58W total PoE budget.

Green Ethernet Features

- IEEE 802.3az Energy-Efficient Ethernet (EEE)

Regulatory Compliance

- RoHS Compliant

Silent Operation

- Fanless design

Deploy a dedicated local network to streamline your retail counters or business stations. The D-Link® DES-1006 6-Port compact switch offers instant, plug-and-play expansion to bridge IP cameras, access points, and routers with zero setup. This economical solution ensures reliable connectivity while maximizing energy efficiency.

Smart & Effortless Connectivity

This 6-Port Fast Ethernet Unmanaged Switch features auto-sensing 10/100 Mbps ports that automatically optimize connection speeds for IP cameras, VoIP phones, and PCs. Standard Ethernet cable support and clear front-panel LED indicators make network expansion and monitoring fast and simple.

Flexible PoE Power Budget

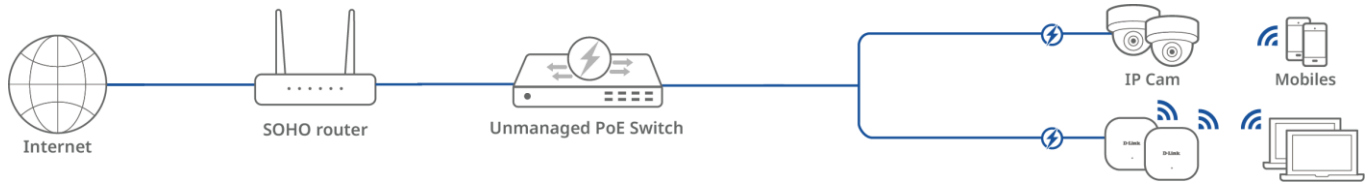
The switch supports both IEEE 802.3at and IEEE 802.3af PoE protocols. With a total PoE budget of 58 watts, it allows users to attach IEEE 802.3af/at-compliant devices without requiring additional power sources. PoE is especially suitable for devices far from power outlets or when users want to minimize cable clutter, as power is supplied directly via Ethernet cables.

Green Technology

Designed with eco-friendly technology, the DES-1006P incorporates IEEE 802.3az EEE and link status detection. It automatically reduces power consumption during low network traffic and shuts down inactive ports when devices are turned off, seamlessly lowering energy costs without impacting performance.

DES-1006P 6-Port Fast Ethernet Unmanaged PoE Switch

Connection Diagram



Specifications

Technical Specifications
HW Version
A1
Device Interfaces
4 x 10/100Mbps PoE ports 2 x 10/100Mbps ports
Standards
• IEEE 802.3 10BASE-TX • IEEE 802.3u 100BASE-TX • IEEE 802.3af/at • IEEE 802.3az Energy-Efficient Ethernet (EEE)
Media Interface Exchange
Auto MDI/MDIX adjustment for all ports
LEDs
• Power (per unit) • Link/Activity (per port) • PoE (per port)
Performance
Transmission Method
Store-and-forward
Switching Capacity
1.2 Gbps
Max. Packet Forwarding Rate
0.89 Mpps
MAC Address Table
2K
MAC Address Learning
Automatic update
Packet Buffer
1 MBits
PoE
PoE-Enabled Ports
Ports 1 to 4
Maximum PoE Budget
58 W

Physical
Dimensions (W x D x H)
125 x 75 x 27mm
Weight
0.8 kg
Power
52V / 1.15A
Max Power Consumption
• PoE On: 60 Watts • PoE Off: 4.96 Watts
Temperature
• Operating: 0 to 40 °C (32 to 104°F) • Storage: -40 to 70 °C (-40°F to 158°F)
Humidity
• Operating: 10% to 90% RH • Storage: 5% to 90% RH
MTBF
> 100,000 hours
Heat Dissipation
205 BTU/hr
DIP
• **Port Isolation:** Isolates Ports 1-4 to prevent network storms and boost performance. • **Extend Mode:** Extends PoE and data transmission on Ports 1–4 up to 250m at 10 Mbps. • **PD Alive:** Automatically reboots the port if no data activity is detected from the connected device for 3 minutes. • **Reserved:** Reserved for future use. Keep in OFF (Default) position for normal operation.
Certifications
EMI/EMC
• CE (Class A), FCC (Class A)
Safety
• LVD
Ordering Information
Part Number
DES-1006P
Description
4 x 10/100Mbps PoE ports + 2 x 10/100Mbps ports Unmanaged Switch

Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic and network overhead, may lower actual data throughput rate. All references to speed are for comparison purposes only. Product specifications, size and shape are subject to change without notice, and actual product appearance may differ from images or descriptions provided in this document.

HQ | No. 289, Xinhu 3rd Road, Neihu District, Taipei 11494
©2026 D-Link Corporation/D-Link Systems, Inc. All rights reserved. D-Link, the D-Link logo, and the D-Link RoHS logo are registered trademarks of D-Link Corporation or its subsidiaries in the United States and/or other countries. Other trademarks or registered trademarks are the property of their respective owners.
v1.01 WW