Product Highlights

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

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

Flexible DIP Switch Management
Convenient DIP switches allow you to easily enable Port Isolation for enhanced security and privacy between ports, toggle Extend mode to reach long-distance PoE devices, or activate PD Alive to automatically reboot unresponsive connected devices



DES-1010P

10-Port Fast Ethernet Unmanaged PoE Switch

Key Features

Reliable Connectivity
- Eight Fast Ethernet PoE ports for powering devices
- Two Gigabit LAN ports for reliable wired connections
- Plug-and-play installation for convenience

Adequate PoE Power Budget
- IEEE 802.3af/at standard
- Eight port delivers up to 30W with a 90W total PoE budget.

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-1010P 10-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.

Simplified Installation

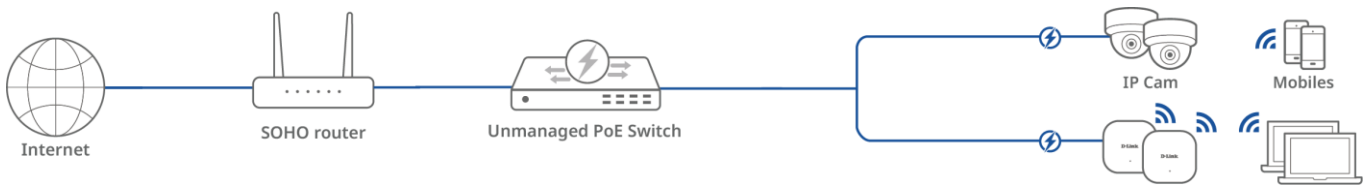
Built-in hardware DIP switches allow you to instantly adapt your network for different environments without complex software configuration. You can easily toggle between Port Isolation, Extend mode, and PD Alive to enhance security, prevent broadcast storms, and optimize performance tailored to your specific deployment needs.

Flexible PoE Power Budget

The switch supports both IEEE 802.3at and IEEE 802.3af PoE protocols. With a total PoE budget of 90 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.

DES-1010P 10-Port Fast Ethernet Unmanaged PoE Switch

Connection Diagram



Specifications

Technical Specifications
HW Version
A1
Device Interfaces
8 x 10/100Mbps PoE ports 2 x 10/100/1000Mbps ports
Standards
• IEEE 802.3 10BASE-TX • IEEE 802.3u 100BASE-TX • IEEE 802.3ab 1000BASE-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
5.6 Gbps
Max. Packet Forwarding Rate
4.17 Mpps
MAC Address Table
2K
MAC Address Learning
Automatic update
Packet Buffer
4.1 MBits
PoE
PoE-Enabled Ports
Ports 1 to 8
Maximum PoE Budget
90 W

Physical
Dimensions (W x D x H)
184 x 94 x 27 mm
Weight
1.1 kg
Power
52V / 1.85A
Max Power Consumption
• PoE On: 96 Watts • PoE Off: 7.12 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
328 BTU/hr
DIP
• **Port Isolation:** Isolates Ports 1-8 to prevent network storms and boost performance. • **Extend Mode:** Extends PoE and data transmission on Ports 1–8 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-1010P
Description
8 x 10/100Mbps PoE ports + 2 x 10/100/1000Mbps 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.

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