Product Highlights

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

Durable Design
Metal housing and fanless design improves heat dissipation, enhances durability, and allows noise-free operation.

Quiet Desktop Performance
The fanless metal design delivers silent, reliable operation, ideal for home offices, meeting rooms, and creative workspaces.



DES-105

5-Port Fast Ethernet Unmanaged Switch

Key Features

Reliable Connectivity
- Five Fast Ethernet LAN ports for reliable wired connections
- Plug-and-play installation for convenience

Traffic Prioritization
- Support IEEE 802.3x Flow Control
- IGMP Snooping for multicast data streams optimization

Energy-Efficient Operation
- IEEE 802.3az Energy-Efficient Ethernet (EEE)

Silent Operation
- Fanless design

Deploy a dedicated local network to streamline your retail counters or business stations. The D-Link® DES-105 5-Port compact switch offers instant, plug-and-play expansion to bridge desktop computers, printers, and routers with zero setup.

Integrated Networking

The DES-105 5-Port Fast Ethernet Unmanaged Switch features auto-sensing 10/100 Mbps ports, making it an affordable and ideal solution for home networks or connecting low-bandwidth office devices. Each port automatically detects network speeds to ensure optimal performance for every connected device. This allows your essential equipment such as printers, IP phones, and smart home devices to run smoothly at their maximum possible speeds.

Simplified Installation

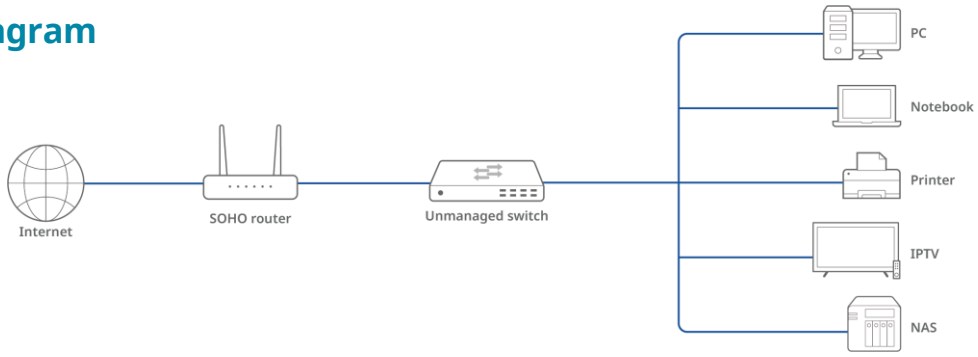
All of the ports on the DES-105 support automatic MDI/MDIX crossover, eliminating the need for crossover cables. Each port can be plugged directly to your PCs, routers, IP cameras, or printers using standard Ethernet cables. In addition, the features multiple front, easy-to-access 10/100 Mbps Fast Ethernet ports with LED indicators per port to easily distinguish link status.

Traffic Prioritization

The DES-105 supports IEEE 802.3x Flow Control and IGMP snooping, for automatic traffic prioritization, optimizing multicast data streams for smooth transmission without sacrificing performance.

DES-105 5-Port Fast Ethernet Unmanaged Switch

Connection Diagram



Specifications

Technical Specifications
HW Version
E1
Device Interfaces
5 x 10/100Mbps ports
Standards
• IEEE 802.3 10BASE-T • IEEE 802.3u 100BASE-TX • IEEE 802.3az Energy-Efficient Ethernet (EEE) • IEEE 802.3x Flow Control
Media Interface Exchange
Auto MDI/MDIX adjustment for all ports
LEDs
• Power (Per Device) • Link/Activity/Speed (Per Port)

Performance
Transmission Method
Store-and-forward
Switching Capacity
1 Gbps
Max. Packet Forwarding Rate
745 Kpps
MAC Address Table
1K
MAC Address Learning
Automatic update
Packet Buffer
448KB

Physical
Dimensions (W x D x H)
100 x 64 x 24 mm
Weight
0.15 kg
Power
5V / 0.55A
Max Power Consumption
1.16 W
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
1,121,335 hours
Heat Dissipation
3.95 BTU/hr

Certifications
EMI/EMC
CE (Class B), FCC (Class B)
Safety
LVD

Ordering Information
Part Number
DES-105
Description
5-Port Fast Ethernet Unmanaged Switch

Actual performances may vary due to settings, cabling, temperature, network configuration, interface, device compatibility, environmental and on-site conditions, and other similar factors. References to power capability, signal or processing speed, signal range or distance, data encryption, storage capacity, display properties, or other performance metrics are based on optimal conditions derived from industry standards and provided for informational purposes only. Specifications may be subject to change without prior notice.

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