

Product Highlights

Cost-Effective Solution

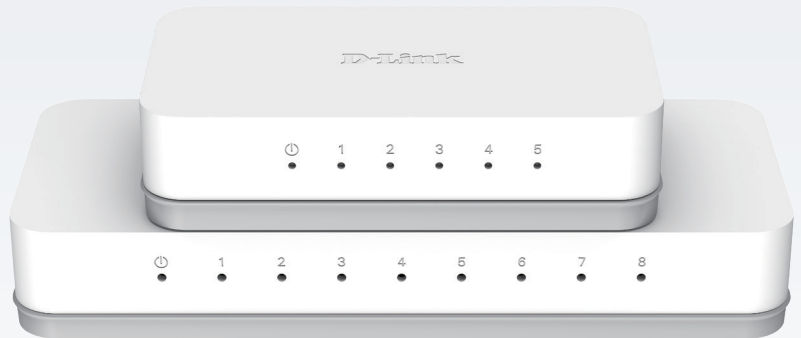
An efficient, low power consumption switch, with ample transmission quality for data transfers and smooth media streaming, all at a competitive price

Flow Control

Supports 802.3 flow control and back pressure to enhance network efficiency and reduce congestion

Compact Design

Stylish, compact design allows you to place the switch in any convenient location with the ports tucked away at the rear



DES-1005A/DES-1008A

5/8 Port 10/100 Mbps Desktop Switch

Features

Fast Connectivity

- Five (DES-1005A) or eight (DES-1008A) Fast Ethernet LAN ports for high-speed wired connections
- Plug-and-play installation

Energy Efficient and Eco-Friendly

- Reduces power to a port when no link to that port is detected
- Energy efficient design reduces heat generated and allows the switch to run silently

The DES-1005A and DES-1008A 5/8 Port 10/100 Mbps Desktop Switches are economical, plug-and-play networking switch solutions for SOHO and small to medium businesses. They provide the choice of five or eight 10/100 Mbps ports, enabling you to easily expand your network and quickly upgrade your connectivity.

Plug-and-Play Installation

The DES-1005A and DES-1008A are plug-and-play devices that require no configuration. You can easily connect multiple computers, share files, music, and video across your home or small office network. 802.3 flow control automatically and efficiently manages the data transmission process without packet loss, providing a more reliable connection for all of your connected devices.

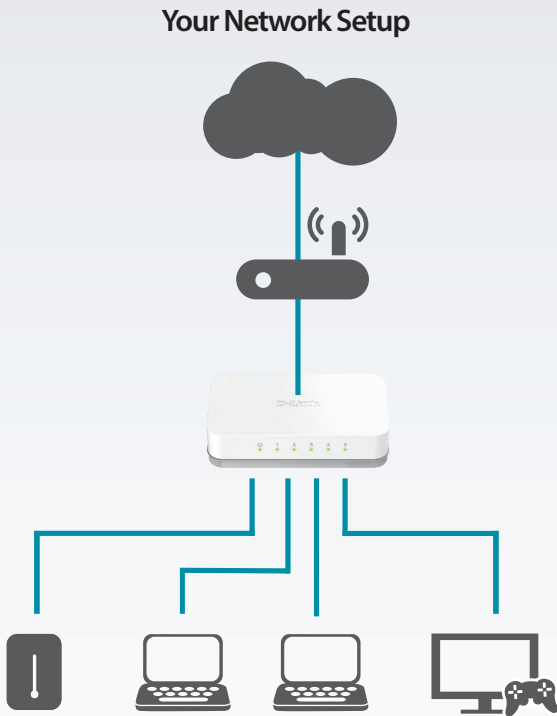
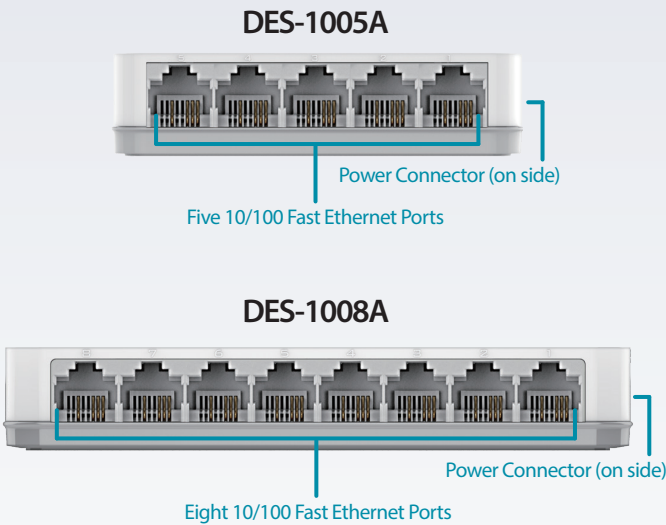
Auto MDI/MDIX CrossOver

All ports support automatic MDI/MDIX crossover, eliminating the need for crossover cables or uplink ports. Each port can be plugged directly into a server, hub, router, or switch using regular straight-through twisted-pair Ethernet cables, streamlining installation.

Conserve Energy

The DES-1005A and DES-1008A implement a power saving function that can detect when a connected computer is shut down or when there is no Ethernet traffic. The 5/8 Port 10/100 Mbps Desktop Switch will automatically put inactive ports in standby mode, saving a substantial amount of power, and power them back on later when needed.

DES-1005A/DES-1008A
5/8 Port 10/100 Mbps Desktop Switch



Technical Specifications		
General	DES-1005A	DES-1008A
Device Interfaces	• 5 x 10/100 Mbps LAN ports	• 8 x 10/100 Mbps LAN ports
Standards	• IEEE 802.3 10BASE-T • IEEE 802.3u 100BASE-TX • IEEE 802.3x Flow Control	
Functionality	DES-1005A	DES-1008A
Switching Capacity	• 1 Gbps switching fabric	• 1.6 Gbps switching fabric
Advanced Features	• Auto MDI/MDIX crossover for all ports • Secure store-and-forward switching scheme • Full/half-duplex for Ethernet/Fast Ethernet speeds • Back pressure at half-duplex operation • Wire-speed reception and transmission • Store-and-Forward switching method • Auto-negotiation for each port • IEEE compliant IEEE 802.3 10BASE-T • IEEE 802.3u 100BASE-TX • IEEE 802.3x flow control	
Data Transfer Rates	• Ethernet: • 10 Mbps (half duplex) • 20 Mbps (full duplex) • Fast Ethernet: • 100 Mbps (half duplex) • 200 Mbps (full duplex)	
Transmission Method	• Store-and-forward	
MAC Address Table Size	• 1K	
Packet Filtering/Forwarding Rates	• Ethernet: 14,880 pps per port • Fast Ethernet: 148,800 pps per port	
RAM Buffer	• 56 KB per device	

DES-1005A/DES-1008A

5/8 Port 10/100 Mbps Desktop Switch

Physical	DES-1005A	DES-1008A
LED Indicators	<ul style="list-style-type: none"> • Per port: Link/Activity/Speed • Per device: Power 	
Dimensions	• 87 x 47 x 21 mm (3.42 x 1.85 x 0.83 inches)	• 132 x 53 x 21 mm (5.19 x 2.09 x 0.83 inches)
Weight	• 45 grams (1.58 ounces)	• 74.8 grams (2.64 ounces)
Power	• DC 5 V / 0.55 A	
Power Consumption	<ul style="list-style-type: none"> • Power On (Standby): 0.4 watts • Maximum: 1.1 watts 	<ul style="list-style-type: none"> • Power On (Standby): 0.4 watts • Maximum: 1.55 watts
Temperature	<ul style="list-style-type: none"> • Operating: 0 to 40 °C (32 to 104 °F) • Storage: -40 to 70 °C (-40 to 158 °F) 	
Humidity	<ul style="list-style-type: none"> • Operating: 10% to 90% non-condensing • Storage: 5% to 95% non-condensing 	
MTBF	• 1,405,335 hours	• 1,588,251 hours
Maximum Heat Dissipation	• 3.75 BTU/h	• 5.28 BTU/h
Certifications	<ul style="list-style-type: none"> • CE Class B • CE LVD • FCC Class B 	<ul style="list-style-type: none"> • ICES 003 • RCM Class B • BSMI Class B
Order Information		
<i>Part Number</i>	<i>Description</i>	
DES-1005A	5-Port 10/100 Mbps Unmanaged Switch	
DES-1008A	8-Port 10/100 Mbps Unmanaged Switch	

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