

Product Highlights

High-Speed Networking

Fast Ethernet ports allow you to connect up to five or eight devices for fast file transfers and smooth media streaming.

Energy Efficient

Uses 802.3az Energy Efficient Ethernet to reduce power usage automatically without sacrificing performance.

Plug and Play Installation

Simple setup, no configuration is required.



DES-1005C-CN / DES-1008C-CN

5/8-Port 10/100 Mbps Unmanaged Switch

Features

Fast Connectivity

- Five (DES-1005C-CN) or eight (DES-1008C-CN) Fast Ethernet LAN ports for high-speed wired connections

Energy Efficient and Eco-Friendly

- Reduces power to a port when no link to that port is detected
- Optimizes power usage for a port for the length of cable connected to it
- Energy efficient design reduces heat generated and allows switch to run silently

Easy Setup

- Plug-and-play installation

The DES-1005C-CN and DES-1008C-CN 10/100 Mbps Unmanaged Switches are economical, plug-and-play networking switch solutions for SOHO and small and medium businesses wanting to benefit from the increased bandwidth of Fast Ethernet. They provide five or eight 10/100 Mbps ports that enable you to easily expand your network and provide a quick way to upgrade your network to fast connectivity.

Upgrade to Gigabit Networking

With data transfer speeds of up to 200 Mbps at full duplex, these switches are ideal for quick file transfers, online gaming and smooth streaming media. They feature easy-to-access Ethernet ports with LED indicators per port to easily distinguish link status. Auto MDI/MDIX crossover makes connection a cinch; just plug in your cables and you're ready to go.

Conserve Energy

The DES-1005C-CN and DES-1008C-CN implement 802.3az Energy Efficient Ethernet, which saves energy and reduces heat automatically without sacrificing performance or functionality. The switches can detect when a connected computer is shut down or when there is no Ethernet traffic, and will put the port in standby mode, saving a substantial amount of power. In addition, the switch optimizes power usage for each port for the length of cable connected to it, using only as much power as is required. Both of these features work together to help you save power automatically.

Reliable Plug and Play Installation

The DES-1005C-CN and DES-1008C-CN are Plug-and-Play devices that require no configuration, so setup is simple and hassle-free, and you can easily connect multiple computers, share files, music, and video across your home or small office network, or even create a multiplayer gaming environment. 802.3x flow control on each port minimizes dropped packets when the port's receiving buffer is full, giving you a more reliable connection for all of your connected devices.

Technical Specifications		
General	DES-1005C-CN	DES-1008C-CN
Interfaces	<ul style="list-style-type: none">• 5 x 10/100 Mbps LAN ports	<ul style="list-style-type: none">• 8 x 10/100 Mbps LAN ports
LED Indicators	<ul style="list-style-type: none">• Power (per device)• Link/Activity (per port)	
Functionality		
Port Standards & Functions	<ul style="list-style-type: none">• IEEE 802.3 10Base-T• IEEE 802.3u 100Base-TX• 802.3x Flow Control• IEEE 802.3az Energy-Efficient Ethernet (EEE)• Auto MDI/MDIX crossover for all ports	
Data Transfer Rates	<ul style="list-style-type: none">• Ethernet: 10 Mbps (half duplex) / 20 Mbps (full duplex)• Fast Ethernet: 100 Mbps (half duplex) / 200 Mbps (full duplex)	
Performance		
Switching Capacity	<ul style="list-style-type: none">• 1 Gbps	<ul style="list-style-type: none">• 1.6 Gbps
Transmission Method	<ul style="list-style-type: none">• Store-and-forward	
MAC Address Table	<ul style="list-style-type: none">• 1K entries	
Packet Filtering /Forwarding Rates	<ul style="list-style-type: none">• Ethernet: 14,880 pps per port• Fast Ethernet: 148,800 pps per port	
Physical		
Dimensions (L x W x H)	<ul style="list-style-type: none">• 100 x 71 x 27 mm	<ul style="list-style-type: none">• 128 x 71 x 27 mm
Weight	<ul style="list-style-type: none">• 140 g	<ul style="list-style-type: none">• 180 g
Power	<ul style="list-style-type: none">• DC 5 V / 0.55 A• DC jack: Located on side	
Surge Protection	<ul style="list-style-type: none">• up to 2kV in common mode• up to 1kV in differential mode	
Maximum Power Consumption	<ul style="list-style-type: none">• 1.6 W	<ul style="list-style-type: none">• 2.15 W
Temperature	<ul style="list-style-type: none">• Operating: 0 to 40 °C• Storage: -40 to 70 °C	
Humidity	<ul style="list-style-type: none">• Operating: 10% to 90% non-condensing• Storage: 5% to 95% non-condensing	
Certifications	<ul style="list-style-type: none">• CCC	
Order Information		
Part Number	Description	
DES-1005C-CN	5-Port 10/100 Mbps Plastic Unmanaged Switch	
DES-1008C-CN	8-Port 10/100 Mbps Plastic Unmanaged Switch	

Updated 05/08/2025