DES-1008D

Dlink 8 x 10/100Base-TX Ethernet ports

Product Overview

Dlink 8 x 10/100Base-TX Ethernet ports, Auto-sensing, MDI/MDIX, Desktop



Specifications

Product Description:

SIMPLE SOLUTION FOR EXPANDING YOUR NETWORK
The D-Link 8-port 10/100 Desktop Switch (DES-1108) provides a simple solution for expanding your network. Connect this Desktop Switch to a router and share high-speed Internet access with up to seven additional computers. By sharing the Internet, your users can check e-mail, browse the web, and chat with friends and family online using their own computer. With this Desktop Switch, you can also add a print server, Network-Attached Storage (NAS), and Internet camera to increase the functionality of your network.

EFFICIENT NETWORKING
This 8-port Desktop Switch receives and forwards traffic seamlessly with its non-blocking wire-speed architecture. Every port simultaneously supports up to 200Mbps of bandwidth in full-duplex mode that totals 1.6Gbps of switching capacity. These features minimize network congestion, allowing you to run a smooth network.

SPACE-SAVING DESIGN AND INSTALLATION OPTIONS
This 8-port Desktop Switch is compact in size, making it ideal for desktops with limited space. Its power connector and ports are conveniently located in the rear to keep the cables out of sight. It also includes a wall mount kit, giving you the option of installing it on a wall or underneath a desk.

EASY TO INSTALL AND USE
The DES-1108 does not require any configuration or software, making installation simple. Supporting Auto-MDI/MDI-X, there is no need for crossover cables whether you are connecting this Desktop Switch to another switch or to a computer. Additionally, it will automatically sense if the connected network devices are running at 10Mbps or 100Mbps and adjust accordingly. Equipped with a comprehensive LED display, you can monitor the status and activity of every port at a glance.

Offering great performance and features packed in a compact size, the D-Link 8-port 10/100 Desktop Switch (DES-1108) is a superb choice for expanding your network.

Technical Specifications

The DES-1008D 8-Port Fast Ethernet Unmanaged Desktop Switch is an 8-port 10/100 Mbps Fast Ethernet switch that allows you to quickly set up a wired network. Connect the DES-1008D to multiple computers together to share files and folders, or connect it to a router to share an Internet connection.

Auto-Sensing 10/100 Ports

The DES-1008D uses auto-sensing 10/100 Mbps ports, allowing a small workgroup to flexibly connect to Ethernet and Fast Ethernet devices to create an integrated network. These ports detect the network speed and auto-negotiate between 10BASE-T and 100BASE-TX, as well as between full and half-duplex, allowing you to get the maximum speed possible for each device connected to your network.

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 to a server, hub, router, or switch using regular straight-through twisted-pair Ethernet cables.

Flow Control for Secure Transmission

802.3x flow control on each port minimizes dropped packets when the port's receiving buffer is full. This gives you a more reliable connection for all of your connected devices.

Think Green

The D-Link 8-port 10/100 Switch is part of D-Link's new series of SOHO devices that make use of D-Link's Green Technology, providing energy savings, reduced heat, and a longer product life without sacrificing performance or functionality. An energy-efficient power adapter (EnergyStar Level V qualified), minimized use of harmful substances (RoHS compliant), and recyclable packaging make this switch truly environmentally friendly. The switch helps you conserve energy automatically through several methods. It automatically powers down ports that have no link, allowing the switch to save substantial amounts of power by cutting power usage for unused ports or ports connected to computers that have been shut down.

Actual product appearance may differ from the image displayed on this page

Key Features

- Inexpensive Fast Ethernet solution for Home/SOHO
- Eight 10/100 Mbps Fast Ethernet ports
- Auto MDI/MDIX crossover for all ports
- Store-and-forward switching scheme
- Full/half-duplex for Ethernet/FastEthernet speeds
- IEEE 802.3x Flow Control
- Plug-and-play installation
- RoHS compliant
- Switching Fabric
- 1.6 Gbps switching fabric

Standards

- IEEE 802.3 10BASE-T Ethernet (twisted-pair copper)
- IEEE 802.3u 100BASE-TX Fast Ethernet (twisted-pair copper)
- ANSI/IEEE 802.3 NWay auto-negotiation
- IEEE 802.3x flow control
- IEEE 802.3az Energy-Efficient Ethernet (EEE)

Protocol

- CSMA/CD

Data Transfer Rates

- Ethernet:
- 10 Mbps (half duplex)
- 20 Mbps (full duplex)
- Fast Ethernet:
- 100 Mbps (half duplex)
- 200 Mbps (full duplex)

Media Interface Exchange

- Auto MDI/MDIX adjustment for all ports

Network Cables

- 10BASE-T:
- UTP CAT 3/4/5/5e (100 m max.)
- EIA/TIA-586 100-ohm STP (100 m max.)
- 100BASE-TX:
- UTP CAT 5/5e (100 m max.)
- EIA/TIA-568 100-ohm STP (100 m max.)

LED Indicators

- Per port:
- Link/Activity
- Per device:
- Power

Transmission Method

- Store-and-forward

MAC Address Table

- 1K entries per device

MAC Address Learning

- Automatic update

Packet Filtering/Forwarding Rates

- Ethernet: 14,880 pps per port
- Fast Ethernet: 148,800 pps per port

RAM Buffer

- 57 KBytes per device

DC Input

- External 5 V/1.2 A power adapter

Power Consumption

- Power On (Standby):
- DC input: 0.184 watts
- AC input: 0.986 watts
- Maximum:
- DC input: 1.9 watts
- AC input: 2.74 watts

Heat Dissipation

- Power On (Standby):
- AC input: 3.365 BTU/h
- Maximum:
- AC input: 9.351 BTU/h

Operating Temperature

- 0 to 50 degC (32 to 122 degF)

Storage Temperature

- -10 to 70 degC (14 to 158 degF)

Operating Humidity

- 10% to 90% RH non-condensing

Storage Humidity

- 5% to 90% RH non-condensing

Device Dimensions (W x D x H)

- 164.5 x 111.5 x 36.0 mm (6.5 x 4.4 x 1.5 inches)

Certifications

- FCC Class B
- ICES-003 Class B
- CE Class B
- C-Tick Class B
- VCCI Class B
- cUL
- CB

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/computer-store-specifications.php?products=5747

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