D-Link®

- Economical yet innovative fanless design runs cool and quiet

- Simple Plug and Play Installation

- EEE compliance reduces energy consumption without sacrificing performance

Limited Lifetime Warranty

5 or 8 Port Fast Ethernet Switch

Product Highlights

- Five or Eight 10/100 Mbps Ports

- Up to 100 Mbps of Dedicated Bandwidth per Port and up to 200 Mbps Bandwidth in Full-Duplex mode

- Compatible with All Popular Operating Systems

- Plug & Play Installation

- Conserves energy with D-Link Green Technology

- Supports MAC address learning

Think Green

The DES-1005E and the DES-1008E five and eight port Fast Ethernet Switch are part of D-Link's new series of home 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.

Conserves Energy

Both the DES-1005E and the DES-1008E helps conserve energy automatically. The switches save substantial amounts of power by cutting power usage for unused ports or ports connected to computers that have been shut down.

DES-1005E & DES-1008E

D-Link®

Features

- Built-in D-Link Green Technology
- Five or Eight 10/100 Mbps ports
- 1.0/1.6 Gbps switching fabric
- Auto MDI/MDIX crossover for all ports
- Secure store-and-forward switching scheme
- Full/half-duplex for Ethernet/Fast Ethernet speeds
- IEEE 802.3x Flow Control
- RoHS compliant
- Plug-and-play installation
- Limited Lifetime Warranty[1]

Environmentally Friendly

The DES-1005E and the DES-1008 five and eight port Fast Ethernet Switches were designed with the environment in mind, and are both compliant with Energy Star Level V, as well as with the stringent CEC and MEPS regulations that require the use of energy efficient power adapters. The switches are also built to follow RoHS standards to minimize use of hazardous materials, and uses recyclable packaging that helps reduce waste, complying with the WEEE directive.
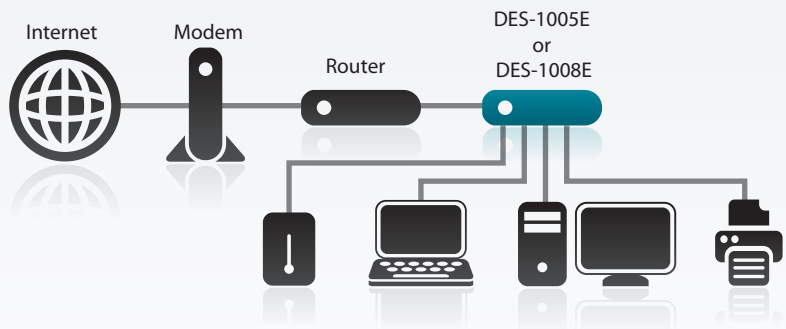
Limited Lifetime Warranty

To further its commitment to product quality, D-Link offers a Limited Lifetime Warranty on the DES-1005E and DES-1008E. If it breaks, have the peace of mind that D-Link will repair or replace the product for free. [1]

Package Contents

- 5 or 8 port Fast Ethernet Switch (DES-1005E/DES-1008E)
- Power Adapter
- Wall Mount Kit (DES-1008E only)
- Quick Install Guide

Minimum System Requirements

- Devices Supporting 802.3 Ethernet or 802.u Faster Ethernet
- Cat5 or better Ethernet Cable
- RJ-45 Port for Each Device
- Network Interface Card for each computer

Technical Specifications

	DES-1005E	DES-1008E
Switching Fabric	• 1Gbps	• 1.6Gbps
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)	
Topology	• Star	
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.)
Media Interface Exchange	• Auto MDI/MDIX adjustment for all ports	
LED Indicators	• Per port: Link/Activity/Speed	• Per device: Power
Transmission Method	• Store-and-forward	
MAC Address Table	• 2K	
MAC Address Learning	• Automatic update	
Packet Filtering/Forwarding Rates	• Ethernet: 14,880 pps per port • Fast Ethernet: 148,800 pps per port	
RAM Buffer	• 96 KB per device	

General Specifications

	DES-1005E	DES-1008E
DC Input	• External 5 V/.55 A Level "V" Power Adapter	
Power Consumption	• DC input: .9 watts • AC input: 1.6 watts	• DC input: 1.78 watts • AC input: 2.19 watts
MTBF	• 1,623,329 hours	• 2,137,319 hours
Operating Temperature	• 32 to 104 ˚F (0 to 40 ˚C)	
Storage Temperature	• 14 to 158 ˚F (-10 to 70 ˚C)	
Operating Humidity	• 10% to 90% RH non-condensing	
Storage Humidity	• 5% to 90% RH non-condensing	

Dimensions	• 1.07 x 4.09 x 2.34 in (27.2 x 104 x 59.5 mm)	• 1.37 x 5.83 x 3.33 in (34.7 x 148 x 84.6 mm)
Weight	• 1.90 ounces (53.80 grams)	• 4.94 ounces (140 grams)
Certifications	• FCC Class B • CE Class B	• CB

Warranty

Warranty	• Limited Lifetime Warranty[1]

Order Information

Part Number	Description
DES-1005E	5-Port Fast Ethernet Switch
DES-1008E	8-Port Fast Ethernet Switch

[1] Limited Lifetime Warranty available only in the USA. For complete details, please check the product warranty information at http://support.dlink.com/products/warranty/Limited_Lifetime. pdf.

For more information

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