D-Link®
Building Networks for People

Product Highlights
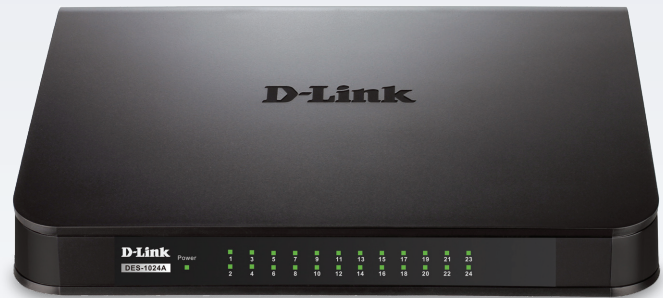
Eco-friendly and Economical

Innovative design runs quietly and reliably while remaining affordable and providing fast internet connectivity

High-speed Networking

Fast Ethernet ports allow you to connect all your devices for quick file transfers and smooth media streaming

Saves Energy

Green features such as IEEE803.2az EEE automatically reduce energy consumption without sacrificing performance or connectivtiy

DES-1024A

24 Port 10/100 Switch

Features

Green features
- IEEE802.3az EEE (Energy Efficient Ethernet)
- EnergyStar Level V-certified
- RoHS compliant

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

Versatile Support
- Plug-and-play installation
- Full/half-duplex for Ethernet/Fast Ethernet speeds
- IEEE 802.3x Flow Control

The DES-1024A 24 Port 10/100 Switch is a part of D-Link's new series of SOHO (small office or home) devices that make use of power-saving features such as IEEE802.3az EEE, to provide energy savings, reduce heat, and extend product life while still giving you high speed and reliable connectivity.

Upgrade and Expand Your Network

The DES-1024A offers an economical way for SOHO and small to medium businesses (SMB) to benefit from high-speed networking. It provides twenty-four ports for easy expansion of your network and a quick way to upgrade your network to Fast Ethernet connectivity. Start enjoying quick downloads, smooth streaming media and instant sms communication with the DES-1024A.

Conserve Energy

The DES-1024A 24 Port 10/100 Switch helps you conserve energy through IEEE802.3az EEE, which works when both the switch and its link partner are EEE-compliant devices. This power-saving feature automatically puts the switch into a low-power idle state when the switch utilization is zero, allowing you to lower your energy usage and save on your energy costs.

Environmentally Friendly

The DES-1024A was designed with the environment in mind, and is 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 switch is 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. Its innovative design lets it run cool and quiet without sacrificing connectivity.

Technical Specifications

General

Device Interfaces	• 24 10/100 Base-TX ports	
LAN	• IEEE 802.3 10BASE-T • IEEE 802.3u 100BASE-TX compliance	• IEEE 802.3x Flow Control support

Data Transfer Rates	• Fast Ethernet
	  • 100 Mbps Half-Duplex
	  • 200 Mbps Full-Duplex
		• Ethernet
		  • 10 Mbps Half-Duplex
		  • 20 Mbps Full-Duplex

Port Packet Filtering/ Forwarding Rate	• 148,800 pps for 100 M	• 14,880 pps for 10 M

Physical

Dimensions	• 231 x 158 x 46 mm (9.09 x 6.22 x 1.81 inches)	
Weight	• 480 grams (1.06 lbs)	

Power Consumption	• Power On (Standby):
	  • DC input: 0.55 watts
	  • AC input: 1.21 watts
		• Maximum:
		  • DC input: 1.65 watts
		  • AC input: 2.69 watts

Heat Dissipation	• Power On (Standby): AC input: 4.133 BTU/h	• Max.: AC input: 9.19 BTU/h
MTBF	• 583,598 hours	
Temperature	• Operating: 0 to 40 ℃ (32 to 104 °F)	• Storage: -10 to 70 ℃ (14 to 158 °F)
Humidity	• Operating: 10% to 90% non-condensing	• Storage: 5% to 90% non-condensing
Certifications	• CE • CB • FCC	• C-Tick • cUL

Order Information

Part Number	Description
DES-1024A	24 Port 10/100 Switch

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