

DES-1024D



Plug & Play High-Speed Switching

- Superior Performance
- Non-Blocking Wire-Speed Architecture
- 4.8Gbps Switching Capacity
- Up to 200Mbps per Port
- True Plug & Play (Auto-Sensing, Detection, and Configuration)
- Supports Industry Standards

The 24-port *D-Link DES-1024D* unmanaged switch is the latest addition to D-Link's popular line of Express EtherNetwork™ products. Like other products in the line, the DES-1024D combines ease of use with unsurpassed performance resulting in an exceptional value for any cost-conscious network administrator who wants the best possible solution at the best possible price.

The DES-1024D is truly Plug-&-Play with features like: *Auto Speed Sensing* — allowing it to automatically sense whether a network device is running at 10Mbps or 100Mbps then automatically adjusting itself for optimal performance; *Auto-Negotiation (Full or Half Duplex)* — negotiating and running the highest supported transmission rate whether at Half- or Full-Duplex; and *Auto MDI/MDIX Crossover* — offering auto-negotiating MDI/MDIX detection on every port to eliminate the need for crossover cables or uplink ports.

The DES-1024D features a non-blocking wire-speed architecture with a 4.8Gbps switching capacity, for maximum data throughput. It also features an integrated universal power supply, and per port diagnostics LEDs that make it easy to “spot check” for problems. With wire-speed filtering and Store-and-Forward switching, the DES-1024D also maximizes network performance while minimizing the propagation of bad network packets.

Each DES-1024D includes free technical support and is backed by a limited 5-year warranty. Support materials include documentation in Acrobat pdf, FAQs, an installation guide, and a product manual.

This intelligent, easy-to-use 10/100BASE-T switch will enhance and compliment any existing network infrastructure and deliver the performance that IT managers and other SMB network administrators demand.

Express EtherNetwork™

24-Port 10/100Mbps



DES-1024D

Plug & Play High-Speed Switching

The DES-1024D delivers bandwidth of up to 200Mbps per port, while providing a seamless migration path for 10Mbps Ethernet devices. The DES-1024D features wire-speed filtering and forwarding to maximize network performance. The DES-1024D utilizes store-and-forward switching, reducing bad packets and increasing network efficiency.

Ports

- 24-10/100Mbps
- RJ-45 Auto-sensing ports

Standards

- IEEE 802.3 Ethernet
- IEEE 802.3u Fast Ethernet
- IEEE 802.3x Flow Control

Network Interface

- RJ-45: 100ohm, UTP/ STP cable
- 10/100Base – EIA/ TIA
- Categories 3 or 5 cable

Switching Method

- Store – and – forward

Switch Fabric

- 4.8Gbps

MAC Address Table

- 8,000 entries

Filtering/ Forwarding/ Learning Rates

- Full line rate/full wire speed

Physical Specifications:

- Dimensions (W x H x D):
11.02 x 7.09 x 1.73 in.
(280 x 180 x 44 mm)
- Weight: 4.19 lbs. (1.9 kg.)
- Metal Housing
- Side Air Vents with Fanless
Air-Cooling Design

LEDs

- 100Mbps – one per port
- 10Mbps – one per port
- Power
- Link/Act (activity)

Temperature

- Operating: 32 -104 F (0-40 C)
- Storage: 14 -158 F (-10 -70 C)

Humidity, non-condensing

- Operating: 5% to 90% RH
- Storage: 5% to 90% RH

Power Requirements

- Universal AC input: 100 to
240 VAC, 50 to 60 Hz,
Internal Universal Power Supply

EMC/ Safety Compliances

Emissions

- CE Mark Class A
- FCC Class A
- VCCI-A

Safety

- UL

Warranty

- Limited 5 Year Warranty for as
long as the original customer/
end user owns the product,
(excluding power supplies and fans).
Power supplies and fans carry a
limited 3 Year Warranty.
- Free 24/7 Technical Support

Ordering Information

Part Number:

DGS-1024D

Description:

Unmanaged Layer 2 Switch with
(24) 10/100BASE-T Ports

The DES-1024D delivers bandwidth of up to 200Mbps