

**High Performance Wire-speed Architecture:**

- + 5.2Gbps Switching Capacity
- + Non-blocking Architecture
- + 4K MAC Address Table

Operational Simplicity:

- + True Plug & Play
- + Auto-sensing
- + Auto Cable Detection
- + Auto-configuration
- + Clear, At-a-Glance per Port LEDs indicators
- + Rack Mountable or Desktop
- + Fanless for Quiet Operation

Investment Protection:

- + Support for Industry Standards
- + Limited Lifetime Warranty¹

24-Port Switch with optional 2 port 100BASE-FX uplinks

The D-Link DSS-24+ is a high performance unmanaged Layer 2 Switch that provides users with 24 10/100Mbps Fast Ethernet ports and optional fiber uplinks for distant connections. The DSS-24+ is designed to increase cable connectivity to distant servers or backbones, targeted for both small offices and small business environments.

High Performance Wire-speed Architecture

The DSS-24+ delivers superior performance and outstanding value. With a switching capacity of up to 5.2Gbps and full-duplex wire-speed forwarding, the DSS-24+ is an ideal solution for the most demanding environment. It can be used as a cost-effective wiring closet solution or a high performance backbone aggregation device.

Easy to Install and Maintain

The auto features of this switch make installation plug & play and hassle-free. No configuration is required.

Auto-MDI/MDI-X crossover on all ports eliminates the need for crossover cables for connection to another switch or hub. Auto-negotiation on each port senses the link speed of a network device (either 10 or 100Mbps) and intelligently adjusts for compatibility and optimal performance. It also features diagnostic LEDs which display status and activity, allowing you to quickly detect and correct problems on the network. The DSS-24+ has no fans and is suitable for an office environment.

Optional Fiber Uplinks to Protect Investment

The DSS-24+ has an optional slot that supports a 2-port 100BASE-FX MMF module that can connect to distant backbones up to two kilometers away.



24-Port Switch with optional 2 port 100BASE-FX uplinks

Technical Specifications

Product/Performance Specifications

DSS-24+	Unmanaged 24-Port 10/100BASE-TX Switch with optional 2 port 100BASE-FX module
MAC Address Table Size	4K
Switch Fabric	5.2Gbps Forwarding Capacity
Transmission Method	Store-and-forward
Diagnostic LEDs	Per Unit: Power Per Port: Activity/Link, Speed
Packet Buffer Memory	On chip 1.5Mb Buffer Memory per device
Max Power Consumption	13.3 Watts Maximum
Heat Dissipation	45.38 BTU/hr

Interface Options

RJ-45	10BASE-T, 100BASE-TX
SC	100BASE-FX, (with DES-102F only)

Network Protocol and Standards

IEEE	802.3 Ethernet, 802.3u Fast Ethernet, 802.3x Flow Control
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Electrical & Emissions Summary

Emissions	CE Mark A, FCC Class A
Power Supply	100- 240VAC, 50/60Hz Internal Universal Power

Safety Agency Certifications and Environmental

Safety	CSA + NRTL/C
Environmental	RoHS
Temperature	Operating: 32° to 104°F (0° to 40°C) Storage: -40° to 158°F (-40° to 70°C)
Humidity	Operating: 5% ~ 95% RH & Non-Condensing

Physical Specifications

Dimensions (W x D x H)	17.36in x 1.73in x 8.15in (441mm x 207mm x 43mm)
Weight	4.8 lbs (2.2Kg)

Warranty and Support Information

Warranty ¹	Limited Lifetime ¹
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Ordering Information

<i>Part Number</i>	<i>Description</i>
DSS-24+	Unmanaged 24-Port 10/100BASE-TX Switch with Optional 2 Port 100BASE-FX Uplinks
DES-102F	2-Port 100BASE-FX MMF Module

¹ Limited Lifetime Warranty available only in the U.S.A and Canada if purchased on or after June 1, 2010. Visit www.dlink.com for warranty details.

All references to speed are for comparison purposes only. Product specifications, size and shape are subject to change without notice, and actual product appearance may differ from that depicted herein. Specifications contained herein are based on Hardware version D1/D2