

Business and Enterprise Solutions

DES-1026G



FEATURES

Superior Performance:

- Non-Blocking Wire-Speed Architecture
- 8.8Gbps Switching Capacity
- 802.1p Quality of Service

Ease of Use:

- True Plug-and-Play
- Auto-Sensing, Detection, and Configuration

Exceptional Value:

- Support for Industry Standards
- 5-Year Warranty¹
- (2) 10/100/1000 Ports for High-Speed Gigabit Connectivity

Layer 2 Switch

Unmanaged 24-Port 10/100Base-TX plus 2-Port 10/100/1000Base-TX

The 26-port D-Link DES-1026G unmanaged switch is designed to meet the needs of the most demanding workgroup and departmental connectivity requirements. A reliable, easy-to-use switch without the complexity of management, the DES-1026G provides (24) 10/100 BASE-TX ports plus (2) 10/100/1000BASE-TX ports. This all-in-one solution economically integrates gigabit technology, helping to remove server bottlenecks and speed up access to the network backbone. The DES-1026G 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.

Ease of Use

The DES-1026G is a true Plug-and-Play device with features such as 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 in Half or in 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.

Superior Performance

The DES-1026G features a non-blocking wire-speed architecture with an 8.8Gbps switching capacity for maximum data throughput. With wire-speed filtering and Store-and-Forward switching, the DES-1026G also maximizes network performance while minimizing the propagation of bad network packets.

Quality of Service

The DES-1026G supports 802.1p Quality of Service (QoS). QoS assists in the prompt delivery of time sensitive data such as voice, video, and gaming traffic. When frames enter the switch with 802.1p priority tags, they are automatically placed in one of four built-in hardware queues. Frames with higher priority tags are then passed through the switch more efficiently, helping eliminate jitter and lag in VoIP and multimedia traffic.

Exceptional Value

In addition to being backed by a 5-year warranty, this easy-to-use 10/100BASE-TX switch will enhance and compliment any existing network infrastructure and deliver the performance that IT managers and other SMB network administrators demand.

¹ 5-Year Warranty available only in the USA and Canada



DES-1026G

Technical Specifications

Product specifications

DES-1026G	(24) Port 10/100Mbps plus (2) Port 10/100/1000Mbps
MAC Address Table Size	8,000
Switch Fabric	8.8Gbps Capacity
Transmission method	Store-and-Forward
Diagnostic LEDs	Per unit: Power
	Per port: Link/Activity, 100Mbps (Ports 1-24)
	Link/Activity, 1000Mbps (Ports 25-26)
QoS	802.1p (4 Queues)

Interface Options

RJ-45	10BASE-T, 100BASE-TX & 1000BASE-TX Universal UTP Cable Recognition for Straight-through or Crossover Cables
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Network Protocols and Standards

IEEE	802.3 Ethernet, 802.3u Fast Ethernet, 802.3ab Gigabit Ethernet, 802.3x Flow Control, 802.1p QoS
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Electrical & Emissions Summary

Emissions	CE Mark Class A, FCC Class A, VCCI-A
Power Supply	100~240VAC 50/60Hz, Internal Universal Power Supply, 11.75 Watts

Safety Agency Certifications and Environmental

Safety	cUL, RoHS Compliant
Operating Temperature	32°-104°F (0°~ 40°C)
Storage Temperature	-14°-158°F (-10°~ 70°C)
Operating Humidity	10% ~ 90% RH, Non-Condensing
Storage Humidity	5% ~ 90% RH, Non-Condensing

Physical Specifications

Dimensions (W x H x D)	17.32 x 5.51 x 1.73 in. (440 x 140 x 44 mm)
Weight	6.17 lbs. (2.8 kg.)

Warranty and Support Information

Warranty	5 Year Warranty
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Ordering Information

<u>Part Number</u>	<u>Description</u>
DES-1026G	Unmanaged Layer 2 Switch with (24) Port 10/100Mbps plus (2) Ports 10/100/1000Mbps