



Product Highlights

Eco-friendly and Economical

Innovative design runs reliably and quietly, saving energy while cutting costs without sacrificing connectivity

High-speed Networking

Fast Ethernet ports allow you to expand your network and connect all your devices, allowing quick file transfers and smooth media streaming

Saves Energy

Environmental features reduce energy consumption, while compliance certifications give you piece of mind



Limited
Lifetime
Warranty

DES-1026G

24-port 10/100Mbps Unmanaged Rackmount Switch with 2 Gigabit Copper/SFP Ports

Features

Superior Connectivity

- 24 10/100 Mbps Fast Ethernet ports
- 2 Gigabit Copper/SFP combo ports
- Flow control for protection against data loss for each port

Auto Configuration

- Auto-learning of network configuration
- Secure store-and-forward switching scheme
- Per-port auto-correction of reverse twisted-pair polarity
- Standard 19-inch rack-mount size

Easy to Set Up

- 26 plug-and-play ports
- Auto MDI/MDIX for each port
- Full/half-duplex support for each port

The DES-1026G is an unmanaged 10/100 Mbps switch designed to enhance workgroup performance while providing a high level of flexibility. It provides 24 10/100Mbps ports for workstation connection, plus 2 copper/SFP Gigabit combo ports for server and uplink deployment, allowing a workgroup to multiply bandwidth, boost response time, and satisfy heavy load demands.

Increased Productivity

The DES-1026G comes with 24 10/100 Mbps ports, allowing a small workgroup to flexibly integrate to Ethernet and Fast Ethernet. These intelligent ports detect the network speed and auto-negotiate between 100BASE-TX and 10BASE-T, as well as between full and half-duplex, letting you focus on work-day productivity rather than connectivity issues.

Instantly Upgrade to Gigabit Speeds

Two Copper/SFP Gigabit combo ports support auto-sensing and full/half-duplex auto-negotiation, keeping you up to date with the latest technologies in switch connectivity. Additionally, all ports support flow control, which minimizes dropped packets by sending out collision signals when the port's receiving buffer is full, ensuring reliable connectivity.

Plug and Play

All ports support auto-negotiation of MDI/MDIX cross over, which eliminates the need for cross over cables or uplink ports. Any port can simply plug to a workstation, a server, a hub or a switch using the usual straight-through twisted-pair cable, saving you time and money. With 26 plug-and-play ports, the switch is a perfect choice for workgroups to upgrade performance in a client/server environment. The ports can be connected to workstations and servers in full-duplex, or hubs in half-duplex.

Limited Lifetime Warranty

D-Link offers a Limited Lifetime Warranty on the DES-1026GD unmanaged switch to further its commitment to product quality and long-term customer confidence.

Technical Specifications		
General		
Standards	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> IEEE 802.3x Flow Control IEEE 802.3z 1000BASE-X (fiber-optic) IEEE 802.3ab 1000BASE-T Gigabit Ethernet (twisted-pair copper)
Number of Ports	<ul style="list-style-type: none"> 24 10/100 Mbps ports 	<ul style="list-style-type: none"> 2 Combo 10/100/1000 BASE-T/SFP
Data Transfer Rates	<ul style="list-style-type: none"> Ethernet <ul style="list-style-type: none"> 10Mbps (half-duplex) 20Mbps (full-duplex) Fast Ethernet <ul style="list-style-type: none"> 100Mbps (half-duplex) 200Mbps (full-duplex) 	<ul style="list-style-type: none"> Gigabit Ethernet: <ul style="list-style-type: none"> 2000Mbps (full duplex)
Functionality		
Switching Capacity	<ul style="list-style-type: none"> 8.8 Gbps 	
Network Cables	<ul style="list-style-type: none"> 10BASE-T: <ul style="list-style-type: none"> UTP CAT 3/4/5/5e (100 m max.) EIA/TIA-586 100-ohm STP (100 m max) 100BASE-TX, 1000BASE-T <ul style="list-style-type: none"> UTP CAT 5/5e (100 m max.) EIA/TIA-568 100-ohm STP (100 m max) 	<ul style="list-style-type: none"> 1000BASE-X (fiber-optic) <ul style="list-style-type: none"> Single-mode and multi-mode fiber
Media Interface Exchange	<ul style="list-style-type: none"> Auto MDI/MDI-X for each port 	
Transmission Method	<ul style="list-style-type: none"> Store-and-forward 	
MAC Address Table	<ul style="list-style-type: none"> 8K entries per device 	
MAC Address Learning	<ul style="list-style-type: none"> Automatic update 	
Packet Filtering /Forwarding Rates	<ul style="list-style-type: none"> 10BASE-T: 14,880 pps per port (half-duplex) 100BASE-TX: 148,800 pps per port (half-duplex) 	<ul style="list-style-type: none"> Gigabit Ethernet: 1,488,800 pps per port
RAM Buffer	<ul style="list-style-type: none"> 512K Bytes 	
Status/Diagnostic LEDs	<ul style="list-style-type: none"> Per device: <ul style="list-style-type: none"> Power Per port: <ul style="list-style-type: none"> Link/Activity 100Mbps speed (10/100Mbps ports) 100Mbps, 1000Mbps speeds (10/100/1000 Mbps) 	

DES-1026G 24-port 10/100Mbps Unmanaged Rackmount Switch with 2 Gigabit Copper/SFP Ports

Physical	
Dimensions	<ul style="list-style-type: none"> • 17.32 x 5.51 x 1.73 inches (440 x 140 x 44 mm) • 19-inch rack-mount width, 1U height
Weight	<ul style="list-style-type: none"> • 4.1 lbs (1.836 kg)
Power Input	<ul style="list-style-type: none"> • 100 to 240 VAC Internal Universal Power Supply
Power Consumption	<ul style="list-style-type: none"> • Standby: 3.25 W • Maximum: 6.6 W
Heat Dissipation	<ul style="list-style-type: none"> • Power on: AC Input 11.1 BTU/h • Max: AC Input 22.8 BTU/h
MTBF	<ul style="list-style-type: none"> • 652,038 hours
Temperature	<ul style="list-style-type: none"> • Operating: 32 to 104 °F (0 to 40 °C) • Storage: 14 to 158 °F (-10 to 70 °C)
Humidity	<ul style="list-style-type: none"> • Operating: 10% to 90% • Storage: 5% to 90%
Certifications	<ul style="list-style-type: none"> • BSMI • CCC Class A • FCC Class A • CE Class A
Ordering Information	
<i>Part Number</i>	<i>Description</i>
DES-1026G	24-port 10/100Mbps Switch With 2 Gigabit Copper/SFP ports
Warranty Information	
Warranty	Limited Lifetime Warranty

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For more information

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