DES-1226G

Layer 2 Switch
Web Smart 24-Port 10/100BASE-TX with 2 combo copper gigabit/SFP ports

The Web Smart DES-1226G is equipped with 24 10/100BASE-TX Fast Ethernet ports and 2 combo 10/100/1000BASE-T/SFP (mini-GBIC) ports for flexible copper/fiber Gigabit connections. It is an effective solution for the small and medium size business workgroup network. This all-in-one solution economically integrates gigabit technology to remove server bottlenecks and speed up access to the network backbone. It also provides Smart features that are ideal for simple QoS applications, and provides basic monitoring tools to improve network efficiency.

Exceptionally Smart
The DES-1226G provides QoS features that are suitable for today's multimedia applications. Through a Web-based interface, an administrator can set up 802.1Q VLANs to segregate traffic, QoS to prioritize mission-critical data such as voice or video packets, and link aggregation to create fat traffic pipelines. The DES-1226G also provides network monitoring tools such as port mirroring and basic port statistics. Best of all, the password-protected configuration interface can be accessed remotely.

Easy To Use
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 eliminate the need for crossover cables for connecting to another switch or hub. Auto-Negotiation on each port senses the link speed of a network device (either 10, 100, 1000Mbps) 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.

Superior Performance
The DES-1226G 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-1226G also maximizes network performance while minimizing the propagation of bad network packets.

FEATURES

High-performance Wire-Speed Architecture:
- 8.8Gbps Switching capacity
- Non-blocking architecture
- 6K MAC address table
- Port-based QoS
- Port-based VLANs
- Link aggregation
- Port mirroring
- Port setting (speed, availability, flow control)
- Web-based management
- Auto-discovery utility

Operational Simplicity:
- True plug & play
- Auto-Negotiation
- Clear, at-a-glance per port LED Indicators
- Auto-MDI/MDI-X detection

Investment Protection:
- Support for Industry Standards
- 10/100/1000Mbps or fiber media support via SFPs to uplinks

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Technical Specifications

Product/Performance specifications	
DES-1226G	Web Smart (24) Ports 10/100Mbps with 2 combo copper gigabit/SFP ports
MAC Address Table	6K
Switch Fabric	8.8Gbps
Transmission Method	Store-and-forward
Diagnostic LEDs	Per Unit: Power
	Per Port: Activity/Link & Speed
Packet Buffer Memory	512KB
Max Power Consumption	16 Watts

Interface Options

RJ-45	10BASE-T, 100BASE-TX, & 1000BASE-T
LC	On optional SFP transceiver

Network Protocols and Standards

IEEE	802.3 Ethernet, 802.3u, IEEE802.3ab, IEEE802.3z Gigabit Ethernet (fiber), 802.3x Flow Control

Smart Features

VLAN	Port-based VLAN, maximum 26
QoS	Maximum 2 queues
Port Trunks	Link aggregation of up to 4 10/100 ports in one trunk,
	Up to 2 gigabit ports in one trunk
Port Mirroring	Port mirroring
Management	Password-protected access
	Port settings
	Configuration restore/backup
	Firmware upgrade
	Web-based Management, Graphic User Interface
	Configuration reset through software or reset button

Electrical & Emissions Summary

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

Safety Agency Certifications and Environmental

Safety	CUL
Temperature	Operating 0^0 to 40^0C (320- 104^0F)
Storage	-10^0 to 70^0C (14^0-158^0F)
Humidity	Operating 5% to 90% RH, Non-condensing

Physical Specifications

Dimensions (W x D x H)	17.32x 5.51 x 1.73 in, 19-inch rackmount width, 1RU
Weight	4.69 lbs (2.13kg)

Warranty and Support Information

Warranty	5-Year Warranty for as long as the original customer/end user owns the product, or five years after product discontinuance, whichever occurs first (excluding power supplies and fans). Power supplies and fans carry a limited 1-year warranty.
Support	Free Technical Support

Ordering Information

Part Number	Description
DES-1226G	Web Smart 24-Port 10/100BASE-TX with 2 combo copper gigabit/SFP ports
DEM-310GT	1000BASE-LX 3.3V SFP, up to 10Km single mode
DEM-311GT	1000BASE-SX 3.3V SFP, up to 220m/550m (multimode)
DEM-312GT	1000BASE-SX+ 3.3V SFP, up to 2Km (multimode)