



DES-3226

FEATURES

High Performance Switching:

- 8.8Gbps Switching Capacity
- Auto MDI/MDI-X
- Bandwidth Management Control
- 802.3ad (Link Aggregation)
- 802.3d (Spanning Tree)
- 802.3w (Rapid Spanning Tree)

Network Management:

- Console
- Telnet
- SNMPv1/v3
- RMON (4 Groups)
- Web
- Port Mirroring
- Span Port Mirroring
- TACACS
- SSH

Advanced Standards Based

Enterprise Features:

- 802.1p Priority (4 Queues)
- DiffServ QoS Support
- 802.1x (Port Based Authentication)
- 802.1x (MAC Based Authentication)
- 802.1q VLANs
- Asymmetric VLANs
- IGMP Snooping
- Traffic Segmentation

Layer 2 Switch

Managed Stand-alone 24-Port 10/100BASE-T With Support For Up To 2 Additional Gigabit Ports

D-Link's DES-3226 is a high-performance managed Layer 2 switch that provides an ideal solution for workgroups and departments. The DES-3226 has (24) 10/100Mbps Fast Ethernet ports with support for optional Gigabit and 100FX modules for fast connection speeds and flexibility.

High-Performance, High Availability L2 Switching

Utilizing an 8.8Gbps switch fabric and support for 8,000 MAC addresses, the DES-3226 is a wire-speed, high performance departmental switch. The DES-3226 supports port trunking with up to 8 trunk groups. Each trunk group can support up to (8) 10/100 links or (2) Gigabit links, that can be combined together to create a multi-link load-sharing connection. Port trunking enables business users to increase availability and aggregated bandwidth between servers and/or other switches, optimizing the transport of all your business critical data.

Investment Protection

By widely supporting IEEE approved specifications, the DES-3226 leverages your existing investment in a multi-vendor environment, while maximizing compatibility of mission critical features such as spanning tree (802.1d), QoS (802.1p/DiffServ), VLANs(Port Based/802.1q), per port traffic segmentation, and network management (SNMP/RMON/BOOTP/Telnet/Web/TACACS/SSH).

D-Link's DES-3226 robust support of standards based network management protocols (SNMP/RMON/BOOTP/Telnet/Web/TACACS/SSH), port mirroring, and span port mirroring enables the DES-3226 to be easily integrated into many third-party network management packages.

The DES-3226SM, DES-3226, and DES-3226SRM share many of the same expansion modules to simplify compatibility, inventory, and sparing issues.

Advanced Enterprise Features

The DES-3226 brings advanced enterprise functions to a more affordable level while supporting advanced features: 802.1p (QoS), DiffServ (QoS), 802.1x (Port Based Authentication), 802.1x (MAC Based Authentication), IGMP, 802.1w (Rapid Spanning Tree), 802.3ad (Link Aggregation), and 802.1q (VLANs). These features facilitate the deployment of applications across an enterprise such as: VOIP, streaming media, and multicast content delivery (IP video conferencing and software deployment).

For more information, please visit www.dlink.com. For the latest firmware updates, product manuals, and support information, please visit <http://support.dlink.com>.

DES-3226

Managed Stand-alone (24) Port 10/100Mbps Switch With Optional Expansion Slot For Gigabit or 100BASE-FX Modules
High Performance 8.8Gbps Switching Capacity

Technical Specifications

Product/Performance Specifications

DES-3226	(24) Ports 10/100Mbps With Expansion Slot
MAC Address Table Size	8,000
Switch Fabric	8.8Gbps Capacity
Transmission method	Store-and-forward
VLANs (802.1q)	Supports Up To 64 Static VLAN Groups and/or Up to 255 Dynamic VLAN Groups and/or Port Based/Asymmetric VLANs
Bandwidth Control	~ 1.0Mbps Increments

Interface Options

RJ-45	10BASE-T, 100BASE-TX & 1000BASE-T
SC	100BASE-FX Multimode fiber cable; 62.5/125 or 50/125 microns (Requires Optional Expansion Module) 1000BASE-SX Multimode fiber cable; 62.5/125 or 50/125 microns (Requires Optional Expansion Module) 1000BASE-LX Multimode fiber cable; 62.5/125 or 50/125 micron or Singlemode fiber cable; 9/125 micron (Requires Optional Expansion Module)
GBIC	Support For Standard 3.3 Volt GBICs (Requires Optional DES-132GB/DEM-320GH Module)

Network Management

In Band & Out of Band	Telnet, CLI/Console, RMON, Web-based HTTP, SNMPv1/v3 Compatible, Port Mirroring, Span Port Mirroring, TACACS, and SSH
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Network Protocol and Standards

IEEE	802.3 Ethernet, 802.3u Fast Ethernet, 802.1d Spanning Tree, 802.1w Rapid Spanning Tree, 802.1p Priority Tags, 802.1q VLANs, 802.1ad Link Aggregation Control, 802.3x Flow Control, 802.1x Port Based Network Access Control, and 802.1x MAC Based Network Access Control
IEFT	RFC 1157 SNMP, RFC 1112/2236 IGMPv1/2 (Snooping), RFC 1757 RMON (4 Groups), RFC 1493 Bridge MIB, RFC 1213 MIB II, RFC 793 TCP, RFC 826 ARP, RFC 854 Telnet and DiffServ

Electrical & Electrical Emissions

Emissions	CE Mark, FCC Class A, BSMI, VCCI Class I, C-Tick
Power Supply	100-240VAC, 50/60 Hz Internal universal power

Safety Agency Certifications

Safety	UL/CUL, TUV/GS
Physical and Environmental	
Dimensions	441 x 388 x 66 mm (17.36 x 15.28 x 2.6 inches) 19-inch rack-mount width, 1.0U height
Weight	6.0 kg (13.23 lb.)
Temperature	Operating: 0° - 50° C (32° - 122° F)
Storage	-25° - 55° C (-13° - 131° F)
Humidity	Operating: 5% to 95%, RH Non-Condensing

Warranty and Support Information

Warranty	Limited Lifetime 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 3 year warranty.
Support	Free Technical Support

Ordering Information

<u>Part Number</u>	<u>Description</u>
DES-3226	Managed Stand-Alone Layer 2 Switch with (24) 10/100Mbps Ports + Expansion Module Slot
DEM-320S/DES-132G	1000BASE-SX Fixed (2) Port SC Type Module
DEM-320GH/DES-132GB	1000BASE-X (2) Port GBIC Adapter Module Support Up To Two GBIC Modules
DEM-320L/DES-132GL	1000BASE-LX Fixed (2) Port SC Type Module
DES-322T	1000BASE-T Fixed (2) Port RJ-45 Type Module
DGS-701/DGS-707	1000BASE-SX 3.3V GBIC, Up to 220m/550m (Multimode)
DGS-702/DGS-703	1000BASE-LX 3.3V GBIC Up to 550m (Multimode) Up to 10km (Singlemode)
DGS-704/DGS-706	1000BASE-LX 3.3V GBIC Up to 30km (Singlemode)
DGS-708	1000BASE-LX 3.3/5.0V GBIC Up to 80km (Singlemode)
DEM-310GM2	1000BASE-SX+ 3.3V GBIC Up to 2km (Multimode) {Must Be Paired With DEM-310GM2 and/or DEM-312GT2}