

Managed 10/100Mbps Routing Switch

DES-3326

24 10/100Mbps Ports, 1 Open Slot

With Redundant Power Supply

This switch combines Layer 2 and Layer 3 switching capabilities together. It incorporates IP routing, which is very fast as it's processed by the on-board ASIC chips, instead of by the CPU as routers normally do.

This switch provides greater Internet connectivity at school or at the office, enabling more users to work on the Web from their desktops. With intelligent traffic management, this switch also allows you to specify port bandwidth and priority queues for streaming media and high priority classes of traffic.

With Layer 2/3 support for every port, you can customize filters based on the physical MAC addresses of the user computers to filter unnecessary traffic, as well as routing routes based on user IP numbers to route traffic to destinations.

- **802.3x Flow Control** at full duplex provides high-speed data pipes to your servers with minimum data transfer loss.

- **VLANs** allow you to set broadcast domains, segment network traffic and improve performance and manageability.

- **Port Trunking** lets you combine up to 8 10/100Mbps ports into a trunk to create a 1600Mbps full duplex aggregated bandwidth.

- **802.1p Traffic Priority Queuing** allows you to queue critical traffic for video-conference and multimedia applications.

- **Multicast** allows you to control the traffic to increase network performance.

- **802.1D Spanning Tree Protocol** allows you to configure the switch in a network with redundant backup bridge paths.



Layer **3** Switch

Key Features

- 24 10/100Mbps ports
- 1 open slot for 2 optional Gigabit ports
- Customizable filters based on MAC and IP addresses
- RIP-1, RIP-2 routing protocols
- QoS support based on traffic prioritization and queuing mechanism
- 802.3x Flow Control, VLANs, port trunking
- 802.1D Spanning Tree
- SNMP/web-based management, RMON monitoring
- TFTP firmware upgradeable
- Telnet configuration
- Redundant backup power supply support to maximize network uptime

Technical Information

- 1 MDI/MDIX uplink (shared with 1 10/100Mbps port)
- RS-232 console port
- Switching method: store-and-forward
- MAC address table: 8K entries per device
- IP address routing table: 2K entries per device
- RAM buffer: 16MB per device
- Internal universal power supply
- Socket for redundant power supply connection
- Standard 19-inch rack-mount size
- EMI: FCC Class A, CE Class A, C-Tick, VCCI Class A, BSMI Class A
- Safety: UL, TUV

Ordering Information

Managed 10/100Mbps Routing Switch

DES-3326 24 RJ-45 10BASE-T/100BASE-TX ports, 1 open slot

Optional Gigabit Module

DES-132T 2 RJ-45 100BASE-TX/1000BASE-T Gigabit ports

DES-132G 2 SC 1000BASE-SX Gigabit ports (50/125 micron multi-mode fiber 525 m max., 62.5/125 micron multi-mode fiber 275 m max.)

DES-132GL 2 SC 1000BASE-LX Gigabit ports (single-mode fiber 5 km max.)

DES-132GB 2 GBIC slots

Optional GBIC Transceiver

DGS-707 For 1000BASE-SX, multi-mode fiber, 550 m max.

DGS-702 For 1000BASE-LX, single-mode fiber, 5 km max.

DGS-703 For 1000BASE-LX, single-mode fiber, 10 km max.

DGS-704 For 1000BASE-LX, single-mode fiber, 30 km max.

DGS-708 For 1000BASE-LX, single-mode fiber, 70 km max.

DGS-711 For 1000BASE-T, Cat. 5 cable, 100 m max.

Optional Redundant Power Supply

DPS-1000 7-slot redundant power supply chassis (includes 1 DPS-1001)

DPS-1001 Redundant power supply module for DPS-1000