



Ethernet/Fast Ethernet Switches

Managed 10/100Mbps Switches



DES-3216



DES-3224

Switches

Rack-mount

Flexibility, Advanced Management

These 10/100Mbps switches combine a high level of flexibility with manageability. Powerful and versatile, they allow users to plug any port to either a 10Mbps or 100Mbps network to eliminate bottlenecks, while giving them the capability to fine-tune the network's performance.

All Ports Run 10/100Mbps Speeds

All ports support 10/100Mbps speeds, automatically negotiate between 10BASE-T and 100BASE-TX network speeds, as well as between full and half duplex modes. They are ideal for deployment of multiple high-speed servers. In the 200Mbps full-duplex mode, any port can provide workstations with a congestion-free data pipe for simultaneous access to the server.

Features

- 16 or 24 10/100Mbps 10BASE-T/100BASE-TX ports
- MDI uplink port for easy expansion (DES-3224 only)
- Full/half duplex support for each port
- Up to 7 trunks, each trunk with up to 1600Mbps (8 ports at full duplex) for switch-to-switch or switch-to-server connection

- Auto-correction of Rx polarity reverse
- UTP, STP supported
- Extensive front-panel diagnostic LEDs
- Bandwidth utilization LED array
- Internal universal power supply
- FCC Class A, CE Mark, VCCI Class A, C-Tick
- UL, CSA, TUV/GS
- 19-inch standard rack-mount width
- Firmware upgradable through TFTP (DES-3216 only)
- RS-232 console port
- User-customizable filters
- SNMP management through D-View, OpenView/Unix, SunNet Manager/Unix
- Broadcast storm protection *
- VLAN supported
- RMON, Spanning Tree Protocol supported
- Up to 8 VLANs per switch

Performance

- Store-and-forward, cut-through switching methods
- RAM buffer dynamically allocated for each port
- Auto-learning of network configuration
- Packet filtering/forwarding rates: 148,800 pps per port (in half duplex)
- Filtering address table: 8K per device

Management

- SNMP standard
- Spanning Tree for redundant path backup
- Telnet supported

Ordering Information

10/100Mbps Managed Switches

DES-3216 16 10/100Mbps ports, SNMP, RMON agents

DES-3224 24 10/100Mbps ports, SNMP, RMON agents

Management Software

See pages 87 to 94.

* Features upgradable in later versions