



Ethernet/Fast Ethernet Switches

Managed Switches



DES-2212

DES-2218

For Workgroup and Departmental Networks

These switches are designed to multiply bandwidth for workgroups or departmental networks while allowing the administrator to control the network and fine-tune its performance.

MII Interface

An MII interface is provided to permit connection to a Fast Ethernet fiber segment.

Advanced Management

Built-in SNMP agents permit the switches to be part of a larger network with configuration control and traffic monitoring.

Features

- Full/half duplex support for each port
- MDI uplink port for easy expansion
- Auto-correction of Rx polarity reverse
- Extensive front-panel diagnostic LEDs
- Bandwidth utilization LED array
- Internal universal power supply
- 19-inch standard rack-mount width
- FCC Class A, CE Mark, VCCI Class A, C-Tick
- UL, CSA, TUV/GS

Performance

- Store-and-forward switching method

- RAM buffer dynamically allocated for each port
- Auto-learning of network configuration
- Packet filtering/forwarding rates: 14,880 pps per Ethernet port 148,800 pps per Fast Ethernet port
- Filtering address table: 8K per device

Management

- Standard SNMP MIBs
- Spanning Tree for redundant path backup
- Terminal program
- Telnet supported
- Firmware upgradable through TFTP
- RS-232 console port
- User-customizable filters
- SNMP network management under D-View, OpenView/Unix, SunNet Manager/Unix
- Spanning Tree Protocol supported

Model DES-2212

- 8 10BASE-T ports
- 3 10/100Mbps ports

- 1 combo 10/100Mbps+MII port (MII: 40-pin mini-SCSI connector)
- RAM buffer: 2MB for 10Mbps ports, 4MB for 10/100Mbps ports

Model DES-2218

- 16 10BASE-T ports
- 1 10/100Mbps port
- 1 combo 10/100Mbps+MII port (MII: 40-pin SCSI connector)
- RAM buffer: 4MB for 10Mbps ports, 2MB for 10/100Mbps ports

Rack-mount Switches

Ordering Information

Ethernet Switches	
DES-2212	8 10BASE-T ports, 3 10/100Mbps ports, 1 combo 10/100Mbps+MII port, SNMP agent
DES-2218	16 10BASE-T ports, 1 10/100Mbps port, 1 combo 10/100Mbps+MII port, SNMP agent
Management Software	
See pages 87 to 94.	