



Ethernet/Fast Ethernet Switches

Unmanaged Switch



DES-815

Plug-and-Play Switch for Workgroups

Designed to enhance workgroup performance, this switch permits departmental workgroups to easily implement bandwidth expansion.

12 10BASE-T Ports

This switch is equipped with 12 Ethernet ports and is an affordable choice for connecting shared workgroups or individual power stations.

3 High-speed Ports

3 Fast Ethernet ports (2 of these supporting 10/100Mbps dual speeds) are provided for connection to high-bandwidth segments. These ports can be used to integrate to Fast Ethernet shared workgroups or to serve as data pipes to a server farm.

Flexible Expansion

To facilitate expansion, an MII interface supporting full duplex is provided to permit connection to a 100BASE-TX or FX multi-switch backbone. Additional flexibility includes the ability to attach to a T4 segment and to a thick, thin or fiber Ethernet segment via an AUI interface.

Flexible Switching Schemes

The switch employs the fragment-free cut-through method to minimize latency; when the destination port is busy, transmission automatically reverts to the store-and-forward mode to ensure data integrity at the receiving end.

Features

- 11 10BASE-T ports
- 1 combo 10BASE-T/AUI port
- 2 10/100Mbps 10BASE-T/100BASE-TX ports
- 1 MII Fast Ethernet port
- Full/half duplex for each port (except for AUI port)
- Completely plug-and-play
- MDI uplink port for easy expansion
- Auto-correction of Rx polarity reverse
- UTP, STP supported
- Extensive front-panel diagnostic LEDs
- Internal universal power supply
- FCC Class A, CE Mark, VCCI Class A, C-Tick
- UL, CSA, TUV/GS
- 19-inch standard rack-mount width

Performance

- Store-and-forward, cut-through switching schemes
- RAM buffer dynamically allocated for each port
- Auto-learning of network configuration
- Packet filtering/forwarding rates: 148,800 pps per Fast Ethernet port (in half duplex)
14,880 pps per Ethernet port (in half duplex)
- Filtering address table: 4K per device
- RAM buffer: 4MB per device

Ordering Information

Ethernet Switch

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11 10BASE-T ports, 1 combo 10BASE-T/AUI port,
2 10/100Mbps ports, 1 MII Fast Ethernet port