



## DES-1016R+ Ethernet/Fast Ethernet Switch



DES-1016R+ and DES-1024R+ shown

## Unmanaged Stand-alone 10/100Mbps Dual Speed Switch

### For Workgroups

Built with advanced functions, these switches are designed for the workgroups with advanced requirements. Powerful yet easy to use, they allow users to simply plug any port to either a 10Mbps or 100Mbps node to multiply bandwidth, boost response time and satisfy heavy load demand.

### Flow Control

In the full-duplex mode, the switches' embedded flow control provides a means to protect users against possible data loss during transmission on the network. When connected to a LAN adapter (in a server PC) that supports flow control, the switch sends signals to the PC regarding buffer overrun during peak usage periods. The PC then delays transmission until the switch is ready again to accept new data.

### Optional 100Mbps Fibre Ports - DES-102F

An open slot is provided on the front panel to allow installation of an optional Fast Ethernet fibre module. This module provides 2 100Mbps-fibre ports for 2 server connections or switch-to-switch cascading over fibre cables, which can be up to 2km long.



DES-102F

### Features

- Layer 2 switch
- 16 ports per switch
- Full/half-duplex support for each port
- No need to use uplink ports - DES-1016R+ supports autopolarity
- Dynamic buffer allocation for each port
- Wire-speed filtering/forwarding rates
- Auto-correction of reverse twisted-pair polarity
- Config port for configuration setup
- Internal universal power supply
- 19-inch standard rack-mount width

- FCC Class A, CE Mark, VCCI Class A, C-Tick, BSMI Class A
- UL, CSA, TUV/GS

## **Performance**

- Store-and-forward switching method
- Filtering address table: 1K per device
- Automatic learning of network configuration
- Packet filtering/forwarding rates:
  - 14,880 pps per port (Ethernet)
  - 148,800 pps per port (Fast Ethernet)
- RAM buffer: 2MB per device