



### **DES-1008D Desktop 8-Port Switch**

The D-Link DES-1008D is a powerful desktop Dual Speed 8-port 10/100Mb Ethernet/Fast Ethernet NWay auto-negotiating Switch.

#### **Reduce Network Traffic Congestion**

It functionally eliminates unnecessary traffic and relieves data congestion by delivering dedicated bandwidth for each of the eight ports. An individual port can connect to either an Ethernet or Fast Ethernet device. NWay auto-negotiation automatically determines the transmission speed of the attached device on each port.

#### **Advanced Features**

The DES-1008D provides dynamic buffer allocation that employs network-load balancing for faster data handling. The uplink interface connection enables easy expansion. The DES-1008D uses fast store and forward architecture to ensure low latency and high data integrity. It supports cascading through the MDI II uplink RJ-45 connection that is shared with port 1 for flexible media connection and expansion capabilities.

#### **Number of Ports**

- 8

#### **Transmission Speed of Ports**

- 10Mb or 100Mb NWay auto-negotiation on all 8 ports

#### **Connectors**

- All ports RJ-45

#### **Cable Support**

- 10Mb connections support Cat. 3, 4, 5 UTP or STP cabling
- 100Mb connections support Cat. 5 UTP or STP cabling

#### **Standards Compliance**

- IEEE 802.3 10Base-T Ethernet

- IEEE 802.3u 100Base-TX Class II Fast Ethernet repeater
- IEEE 802.3.1d

### **Duplex**

- Half or Full per port

### **Protocol**

- CSMA/CD

### **Partitioning**

- Automatic for each port

### **Uplink Port**

- Cascading through the MDI II uplink RJ-45 connection that is shared with port 1

### **LED's Per Port**

- Link/Rx
- Auto-partition and port speed (10/100Mbps)

### **LED's Per Device**

- Power
- Collision (10/100Mbps)

### **Power Supply**

- External

### **Fan**

- One

### **Operating Temperature**

- -10 degrees to 55 degrees C

### **Humidity**

- 5% to 95% non-condensing

### **Classification**

- FCC Class A
- CE Mark

- VCCI Class A
- CSA 950
- UL 1950
- C-Tick
- TUV/GS