

# Business and Enterprise Solutions

## DES-1026G



### FEATURES

#### Superior Performance:

- Non-Blocking Wire-Speed Architecture
- 8.8Gbps Switching Capacity

#### Ease of Use:

- True Plug & Play
- Auto-Sensing, Detection, and Configuration

#### Exceptional Value:

- Support for Industry Standards
- 5-Year Warranty<sup>1</sup> with Free Technical Support
- (2) 10/100/1000 Ports for High-Speed Gigabit Connectivity

## Layer 2 Switch

### Unmanaged 24-Port 10/100Base-T plus 2-Port 10/100/1000Base-TX

The 26-port D-Link DES-1026G unmanaged switch is designed to meet the needs of the most demanding workgroup and departmental connectivity requirements. A reliable, easy-to-use switch without the complexity of management, the DES-1026G provides (24) 10/100 BASE-TX ports plus (2) 10/100/1000BASE-TX ports. This all-in-one solution economically integrates gigabit technology, helping to remove server bottlenecks and speed up access to the network backbone. The DES-1026G combines ease of use with unsurpassed performance resulting in an exceptional value for any cost-conscious network administrator who wants the best possible solution at the best possible price.

#### Ease of Use

The DES-1026G is truly Plug-&-Play with features like: Auto Speed Sensing allowing it to automatically sense whether a network device is running at 10Mbps or 100Mbps then automatically adjusting itself for optimal performance; Auto Negotiation (Full or Half Duplex) negotiating and running the highest supported transmission rate whether in Half or in Full-Duplex; and Auto MDI/MDIX Crossover offering auto-negotiating MDI/MDIX detection on every port to eliminate the need for crossover cables or uplink ports.

#### Superior Performance

The DES-1026G features a non-blocking wire-speed architecture with an 8.8Gbps switching capacity for maximum data throughput. With wire-speed filtering and Store-and-Forward switching, the DES-1026G also maximizes network performance while minimizing the propagation of bad network packets.

#### Exceptional Value

Each DES-1026G includes free technical support and is backed by a 5-year warranty. This easy-to-use 10/100BASE-TX switch will enhance and compliment any existing network infrastructure and deliver the performance that IT managers and other SMB network administrators demand.

<sup>1</sup> Available only in USA and Canada



## DES-1026G

### Technical Specifications

|                               |  |
|-------------------------------|--|
| <b>Product specifications</b> |  |
| DES-1026G                     | (24) Port 10/100Mbps plus (2) Port 10/100/1000Mbps |
| MAC Address Table Size        | 8,000  |
| Switch Fabric                 | 8.8Gbps Capacity                                   |
| Transmission method           | Store-and-Forward                                  |
| Diagnostic LEDs               | Per unit: Power                                    |
|                               | Per port: Link/Activity, 100Mbps (Ports 1-24)      |
|                               | Link/Activity, 1000Mbps (Ports 25-26)              |

### Interface Options

|       |   |
|-------|---|
| RJ-45 | 10BASE-T, 100BASE-TX & 1000BASE-T<br>Universal UTP Cable Recognition for Straight-through or Crossover Cables |
|-------|---|

### Network Protocols and Standards

|      |   |
|------|---|
| IEEE | 802.3 Ethernet, 802.3u Fast Ethernet, 802.3ab Gigabit Ethernet, & 802.3x Flow Control |
|------|---|

### Electrical & Emissions Summary

|              |  |
|--------------|--|
| Emissions    | CE Mark Class A, FCC Class A, VCCI-A                             |
| Power Supply | 100~240VAC 50/60Hz, Internal Universal Power Supply, 11.75 Watts |

### Safety Agency Certifications and Environmental

|                       |                              |
|-----------------------|------------------------------|
| Safety                | cUL                          |
| Operating Temperature | 32°-104°F (0°~ 40°C)         |
| Storage Temperature   | -14°-158°F (-10°~ 70°C)      |
| Operating Humidity    | 10% ~ 90% RH, Non-Condensing |
| Storage Humidity      | 5% ~ 90% RH, Non-Condensing  |

### Physical Specifications

|                        |   |
|------------------------|---|
| Dimensions (W x H x D) | 17.32 x 5.51 x 1.73 in. (440 x 140 x 44 mm) |
| Weight                 | 6.17 lbs. (2.8 kg.)                         |

### Warranty and Support Information

|          |                        |
|----------|------------------------|
| Warranty | 5 Year Warranty        |
| Support  | Free Technical Support |

### Ordering Information

| <u>Part Number</u> | <u>Description</u>  |
|--------------------|---|
| DES-1026G          | Unmanaged Layer 2 Switch with (24) Port 10/100Mbps plus (2) Ports 10/100/1000Mbps |