



**DIGISOL™**

# SWITCHING SOLUTIONS

## DIGISOL 8 Port Fast Ethernet Unmanaged Desktop Switch

### DG-FS1008DG (H/W Ver. C1)

#### Key Features:-

- 8 X 10/100Mbps Auto-negotiation Fast Ethernet RJ45 ports
- Complies with IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3az standards
- Supports IEEE802.3x flow control for Full-duplex Mode and backpressure for Half-duplex Mode
- Supports MDI/MDI-X auto crossover
- Energy Efficient
- Plug and Play installation
- Switching Capacity: 1.6Gbps Backplane



#### Introduction:-

**DIGISOL** DG-FS1008DG is an eight port Fast Ethernet unmanaged GREEN switch designed to enhance network performance in a compact form factor. The switch offers 8 10/100Mbps Ethernet ports compliant with IEEE 802.3az standard. The switch uses store and forward packet switching technology which ensures reliable data transfer. The switch also supports automatic MDI/MDI-X detection which eliminates the need of a cross over cables or dedicated uplink ports. Thus the DG-FS1008DG is an ideal solution for SOHO and small Ethernet workgroups.

#### Energy Efficient

The DG-FS1008DG is designed with a truly intelligent power saving functionality. It complies with the IEEE 802.3az Energy Efficient Ethernet protocol. The switch conserves energy using the following two methods:

##### Inactive link detection:

The power usage adjustment feature automatically reduces power usage when any shut down network device or inactive link is detected. That is, power consumption of the switch can be adjusted according to the link status or the number of active network devices when possible.

##### Cable length detection:

The devices equipped with this green feature can automatically detect the length of connected Ethernet cables and adjust power usage accordingly. The shorter the cable length, the less power it consumes.

#### Plug and Play installation

The auto-negotiation and auto-sensing feature of the switch eliminates the need to manually configure the switch for optimum performance. Auto MDI/MDI-X feature eliminates the need of using a crossover cable or dedicated uplink port. These features enable the switch to operate out of the box without any manual configuration.

#### High-Performance

The switch supports data transfer at an average of 200Mbps per port in full duplex mode. This allows every node to perform at their maximum performance.



**DIGISOL™**

# SWITCHING SOLUTIONS

## Technical Specifications:-

### Network Ports

- 8 x 10/100 Mbps auto-sensing UTP RJ-45 ports

### Standard Compliance

- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Fast Ethernet
- IEEE 802.3x Full Duplex Flow Control
- IEEE 802.3az Energy efficient

### Protocol

- CSMA/CD

### Network Cables

- 10BASE-T: UTP Cat. 3, 5 (100 m)
- 100BASE-TX: UTP Cat. 5, 5e (100 m)

### Data Transfer Rates

- Ethernet: 10 Mbps (Half-duplex), 20 Mbps (Full Duplex)

- Fast Ethernet: 100 Mbps (Half-duplex), 200 Mbps (Full Duplex)

### Performance Specifications

- Forwarding mode: Store-and-forward
- Switching Capacity: 1.6Gbps
- MAC Address Table: 1K

### Status LEDs

- Power
- Link & activity indicators for each port

### Environmental Specifications

- Operating temperature: 0°C ~ 40°C
- Storage temperature: -20°C ~ 70°C
- Operating humidity: 10 %~90 % RH (non-condensing)
- Storage humidity: 5 to 90 % RH (non-condensing)

### Power Supply

- Switching Power Adapter: 5V DC, 1A

### Physical Specifications

- Dimensions: (l x w x h) 138 x 67.6 x 24.5 mm
- Weight: 126 g

### Minimum System Requirements

- Network card for each PC or Server
- Network Cables Min. Cat5 for 100 Mbps

### Warranty

- DIGICARE Limited Lifetime Warranty

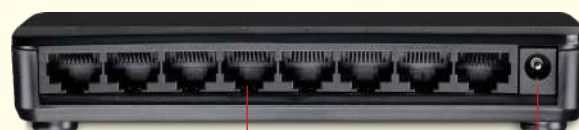


## Ordering Information:-

### DG-FS1008DG (H/W Ver. C1): DIGISOL 8 Port 10/100Mbps Fast Ethernet Unmanaged Desktop Switch

\*Limited Lifetime Warranty shall be subject to terms and conditions specified in the DIGISOL PRODUCT WARRANTY displayed on the website of the company.

DIGISOL Logos are trademarks and/or registered trademarks of DIGISOL SYSTEMS LIMITED. Other trademarks, product, service and company names mentioned are the property of their respective owners. Information is subject to change without notice. The actual product appearance may differ from the one shown here. © 2018 DIGISOL SYSTEMS LIMITED. All rights reserved.



LAN Ports

Power Connector

DIGISOL is a Subsidiary of Smartlink Holdings Limited

**DIGISOL SYSTEMS LIMITED**  
215 Atrium Bldg., 2nd Floor,  
B-Wing, Opp. Big Cinema,  
Courtyard Marriott Compound,  
Andheri-Kurla Road,  
Andheri (E), Mumbai - 400093.



1800-209-3444



[www.digisol.com](http://www.digisol.com)



[helpdesk@digisol.com](mailto:helpdesk@digisol.com)

[@DIGISOLINDIA](https://www.facebook.com/DIGISOLINDIA)