



DIGISOL[®]

SWITCHING SOLUTIONS



Manufacturing Since 1986

DIGISOL 8 Port Gigabit Ethernet Unmanaged Desktop Switch

DG-GS1008DG (H/W Ver. C1)

Key Features:-

- Each port supports full duplex 10/100/1000M connectivity (half duplex only supported in 10/100M mode)
- Supports 8K-entry MAC address table
- Auto-MDI/MDIX eliminates the need for crossover cables
- Supports MAC address auto-learning and auto-aging
- Auto-negotiation ports provide smart integration between 10Mbps, 100Mbps and 1000Mbps hardware
- Fanless design ensures noise-free operation
- Desktop design
- Plug and Play design simplifies installation
- Switching Capacity: 16Gbps Backplane



Introduction:-

DIGISOL DG-GS1008DG is an eight port Gigabit Ethernet unmanaged switch designed to enhance network performance in a compact form factor. The switch offers 8 10/100/1000Mbps 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-GS1008DG is an ideal solution for SOHO and small Ethernet workgroups.

Energy Efficient

The DG-GS1008DG 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 2000Mbps per port in full duplex mode. This allows every node to perform at their maximum performance.



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Technical Specifications:-

Standards

- IEEE802.3 10Base-T
- IEEE802.3u 100Base-TX
- IEEE802.3ab

Network Media (Cable)

- 10BASE-T: UTP category 3,4, 5 cable (maximum 100m)
- 100BASE-T: UTP category 5,5e cable (maximum 100m)
- 1000BASE-T: UTP category 5e, 6 cable (maximum 100m)

Number of Ports

- 8 X 10/100/1000Mbps RJ45 Ports
- AUTO Negotiation/AUTO MDI/MDIX

LED indicators

- Link/Act
- Power

Transfer Method

- Store-and-Forward

Switching Capacity

- 16Gbps

MAC Address table

- 8K

Dimensions (L x W x H)

- 138 x 67.6 x 24.5 mm

Power Adapter

- 5V, 1A

Environment

- Operating Temperature: 0 ~ 40 Degree C
- Storage Temperature: -10 ~ 70 Degree C
- Operating Humidity: 10%~90% non-condensing
- Storage humidity: 5%~90% non-condensing



Ordering Information:-

DG-GS1008DG (H/W Ver. C1): DIGISOL 8 Port 10/100/1000Mbps Gigabit Ethernet Unmanaged Desktop Switch

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

- Power adapter shipped with the device carries 1 year warranty.

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LAN Ports

Power Connector



DIGISOL SYSTEMS LIMITED

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*Made In India products are available in specific part code, please contact Digisol Sales Representative / Authorised Distributor for delivery schedule.