



DIGISOL™

SWITCHING SOLUTIONS

DIGISOL 24 Port Gigabit Ethernet Unmanaged Switch with 2 SFP slots

DG-GS1026 (H/W Ver. A2)

Key Features:-

- 24 x 10/100/1000Mbps RJ-45 Nway ports
- Built-In 2 SFP slots • Fan-less Design
- Supports Auto-Negotiation & Non-Blocking Wire Speed
- Supports High-Speed Networking and Jumbo Frames
- Supports Store and Forward Architecture
- Supports Auto MDI/MDI-X Crossover
- Internal Universal Power Supply • 19" rack-mount size
- IEEE802.3x Full-duplex flow control
- IEEE/ANSI 802.3 Nway auto-negotiation
- Energy Efficient • Plug and Play installation
- Switching Capacity: 52Gbps Backplane



Introduction:-

DIGISOL DG-GS1026 is a 10/100/1000 Mbps Unmanaged Ethernet rack-mountable switch designed to enhance network performance. The switch comes with 24x10/100/1000Mbps ports and 2 SFP slots, offering solutions for accelerating bandwidth needs and flexibility of uplink to fiber networks. The switch uses store and forward packet-switching technology which offers reliable data transfer. This switch is ideal for network connectivity for the SOHO/SME environment. It is a best choice for enhancing your network with higher performance and efficiency.

Energy Efficient

The DG-GS1026 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.

Built-in 2 SFP slots

The DG-GS1026 has built in 2 SFP slots for uplink to servers, storage devices, etc. using the fiber network. You can make the connection by plugging in standard SFP fiber modules for long distance applications.

Supports High-Speed Networking and Jumbo Frames

The DG-GS1026 is an excellent solution to expand your Gigabit network. With Gigabit speed, the DG-GS1026 gives flexibility and high bandwidth connectivity to servers, workstations and other network devices. It enables users to save time when transferring large files. In addition, it also supports Jumbo Frames to improve network utilization in large files transfer.

Fan-less Design

The fan-less design ensures noiseless operation in small office environment, the DG-GS1026 is a perfect solution for small business and SOHO office deployments.

Plug and Play Installation

The DG-GS1026 operates without any configuration. The built-in auto-negotiation feature of the switch will adapt its speed (10/100/1000 Mbps) as per the remote host connected to its port. Each port supports auto MDI/MDI-X operation for uplink ports which eliminates the need for cross over cables or dedicated uplink ports. This feature gives true plug-n-play operation by reducing most common cabling errors during installations. Any port can simply plug to a server or a switch, using the usual straight-through twisted-pair cable.



DIGISOL™

SWITCHING SOLUTIONS

Technical Specifications:-

Network Ports

- 24 x 10/100/1000 Mbps auto-sensing UTP RJ-45 ports
- 2 x SFP ports

Standard Compliance

- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Fast Ethernet
- IEEE 802.3ab 1000BASE-T Gigabit Ethernet
- IEEE 802.3z 1000BASE SX/LX
- IEEE 802.3az Energy Efficient Ethernet
- IEEE 802.3x Full-duplex flow control

Protocol

- CSMA/CD

Network Cables

- 10BASE-T: UTP Cat. 3, 5 (100 m)
- 100BASE-TX: UTP Cat. 5, 5e (100 m)
- 1000BASE-T: UTP Cat. 5, 5e, 6 (100 m)

Data Transfer Rates

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

- Fast Ethernet: 100 Mbps (Half-duplex), 200 Mbps (Full Duplex)
- Gigabit Ethernet: 2000 Mbps (Full-duplex)

Performance Specifications

- Forwarding mode: Store-and-forward
- Buffer memory: 448 KB
- MAC Address database: 16K
- Jumbo Frames: 9KB
- Switching fabric: 52Gbps

Power Consumption

- 16 Watts Max.

Status LEDs

- Power
- Link & activity indicators for each port

Environmental Specifications

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

Power Supply

- Internal (100~240VAC)

Physical Specifications

- Dimensions: (l x w x h) 441 x 131 x 44 mm
- Weight: 1.95 kg

Minimum System Requirements

- Network card for each PC or Server
- Network Cables Min. Cat.5 for 1000 Mbps

Warranty

- DIGICARE Lifetime Warranty



Ordering Information:-

DG-GS1026 (H/W Ver. A2): DIGISOL 24 Port 10/100/1000Mbps Gigabit Ethernet Unmanaged Switch with 2 SFP slots

*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.



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



helpdesk@digisol.com

f @DIGISOLINDIA