



DIGISOL®

SWITCHING SOLUTIONS



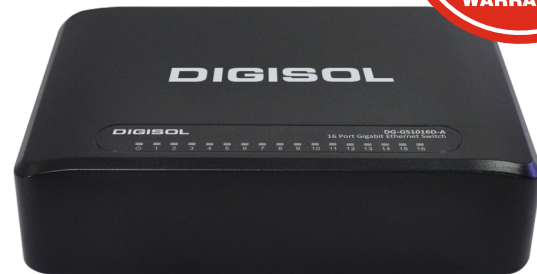
Manufacturing Since 1986

DIGISOL 16 Port Gigabit Ethernet Unmanaged Desktop Switch with External Power Adapter

DG-GS1016D-A (H/W Ver. A1)

Key Features:-

- 16x10/100/1000 Mbps RJ-45 ports
- Complies with IEEE802.3, IEEE802.3x, IEEE802.3ab
- Standards Supports Auto MDI/MDI-X Crossover
- Data transfer speed up to 2000Mbps (Full-duplex)
- High Performance
- LED indicators for monitoring Power, Link/ Activity
- Switching Capacity: 32Gbps Backplane
- Plug and Play installation



Introduction:-

DIGISOL DG-GS1016D-A is a Gigabit Ethernet unmanaged switch designed to enhance network performance in a compact form factor. The switch offers 16 x 10/100/1000 Mbps Ethernet ports. 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-GS1016D-A is an ideal solution for small Ethernet workgroups.

16 x 10/100/1000 Mbps RJ-45 Nway ports

The DG-GS1016D-A Switch offers 16x10/100/1000 Mbps Gigabit Ethernet ports. This Switch also allows for auto-sensing and auto negotiation of highest available speed (10/100/1000Mbps) and duplex mode, providing an automatic and flexible solution for the network.

The devices connected to switch can be easily identified by LED indicators.

Plug and Play installation

The DG-GS1016D-A switch 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 features 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.

High-Performance

With its backplane capacity of 32 Gbps, data transfer is at an average of 2000 Mbps per port at full duplex mode.



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Technical Specifications:-

Network Ports

- 16 x 10/100/1000 Mbps auto-sensing UTP RJ-45 ports

Standard Compliance

- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-TX
- IEEE 802.3ab 1000BASE-T

Protocol

- CSMA/CD

Network Cables

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

Data Transfer Rates

- Ethernet: 10 Mbps (Half-duplex), 20 Mbps (Full Duplex)
- Fast Ethernet: 100 Mbps (Half-duplex), 200 Mbps (Full Duplex)
- Gigabit Ethernet: 1000 Mbps (Half-duplex), 2000 Mbps (Full Duplex)

Performance Specifications

- MAC Address database: 8K
- Buffer memory: 256K byte
- Bandwidth: 32 Gbps

Status LEDs

- Power
- Link & activity indicators for each port

Environmental Specifications

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

Power Supply

- 12V-1A Power Adapter

Physical Specifications

- Dimensions: (Wx H xD) 160 x 41.5 x 107 mm

Minimum System Requirements

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



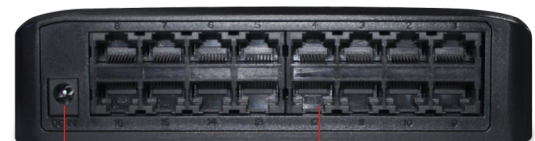
Ordering Information:-

DG-GS1016D-A (H/W Ver. A1): 16 Port 10/100/1000 Mbps Gigabit Ethernet Unmanaged Desktop Switch with External Power Adapter

*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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Power Connector

LAN Ports



DIGISOL SYSTEMS LIMITED

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