DIGISOL™

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

DG-FS1016D-A (H/W Ver. B1)

Key Features:-

- 16x10/100 Mbps RJ-45 ports
- Complies with IEEE802.3, IEEE802.3x
- Standards Supports Auto MDI/MDI-X Crossover
- Data transfer speed up to 200Mbps (Full-duplex)
- Plug and Play installation
- Switching Capacity: 3.2Gbps Backplane

LIMITED LIFETIME WARRANTY
For Warranty Details Please Visit
www.digisol.com

Introduction:-

DIGISOL DG-FS1016D-A is a 10/100 Mbps Ethernet Desktop unmanaged switch designed to enhance network performance in a compact form factor. The switch comes with 16 x 10/100 Mbps ports, offering solutions for accelerating bandwidth needs of small Ethernet workgroups. The switch uses store and forward packet-switching technology which offers reliable data transfer. This switch is ideal for network connectivity for the SOHO environment.

16 x 10/100Mbps RJ-45 Nway ports

The DG-FS1016D-A Switch offers 16x10/ 100Mbps Ethernet ports which gives small workgroups a flexibility to integrate Ethernet and Fast Ethernet in a single network. This Switch also allows for auto-sensing and auto negotiation of highest available speed (10/100Mbps) and duplex mode, providing an automatic and flexible solution for the network.

These intelligent ports detect the network speed and auto-negotiate between 100BASE-TX and 10BASE-T, as well as between full and half-duplex.

Plug and Play installation

The DG-FS1016D-A switch operates without any configuration. The built in auto-negotiation feature of the switch will adapt its speed (10/100Mbps) 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 3.2 Gbps, data transfer is at an average of 200 Mbps per port at full duplex mode allowing every node to perform at their maximum performance.

Technical Specifications:-

Network Ports
- 16 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/ANSI 802.3 Nway auto-negotiation
- 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, Cat. 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: 3.2Gbps
- MAC Address database: 4K

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
- Input 100-240V - 50/60Hz
- Output DC 12V-0.5A

Physical Specifications
- Dimensions: (l x w x h) 155 x 125 x 38 mm

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

Warranty
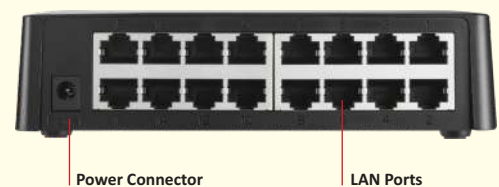- DIGICARE Limited Lifetime Warranty

Ordering Information:-

DG-FS1016D-A (H/W Ver. B1): 16 Port 10/100Mbps Fast Ethernet Unmanaged Desktop Switch with External Power Adapter

*Limited Lifetime 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.

Power Connector   LAN Ports

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