

**Power over Ethernet Ports**

The DG-FS1008PH-A Switch offers 8x10/100 Mbps Fast Ethernet ports with 4 Power Over Ethernet ports. These PoE ports are IEEE 802.3af compliant and can supply PoE Power to PoE devices. The existing Ethernet cables can be used to power up IEEE 802.3af compliant network devices. This eliminates the need of an external power source and power cabling for such devices.

The switch provides flexibility to users for connecting a PoE or non PoE device. The PoE devices connected to switch can be easily identified by the separate PoE LED status indicators.

**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**

With its backplane capacity of 1.6Gbps, data transfer is at an average of 200Mbps per port at full duplex mode. This allows every node to perform at their maximum performance.

**8 Port Fast Ethernet Unmanaged PoE Switch with 4 PoE Ports and External Power Adapter**

**DG-FS1008PH-A**



**DIGISOL** DG-FS1008PH-A is a Fast Ethernet PoE unmanaged switch designed to enhance network performance in a compact form factor. The switch offers 8 10/100Mbps Ethernet ports of which 4 ports are Power over Ethernet (PoE) complaint to IEEE 802.3af. The PoE ports can be used to power up devices complying with 802.3af using the existing Ethernet cable. 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-FS1008PH-A is an ideal solution for small Ethernet workgroups and application requiring PoE.

**Product Features & Compliances**

- 8 x 10/100 Mbps RJ-45 Nway ports with 4 PSE/Power over Ethernet Ports
- Complies with IEEE802.3, IEEE802.3x and IEEE802.3af standards
- Supports MDI/MDI-X auto crossover
- Up to 200Mbps data transfer rates in Full Duplex Mode
- High Performance
- Plug and Play installation
- Link/ ACT LED for each port & PoE LED for PoE ports
- Supports wire speed packets filtering and forwarding rate.
- Supports store-and-forward switching infrastructure

## Technical Specifications

### Network Ports

- 8 x 10/100 Mbps auto-sensing UTP RJ-45 (including 4 PSE/Power over Ethernet)

### Standard Compliance

- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Fast Ethernet
- IEEE 802.3x Full-duplex Flow Control
- IEEE/ANSI 802.3 Nway auto-negotiation
- IEEE-802.3af

### Protocol

- CSMA/CD

### Network Cables

- 10BASE-T: UTP Cat. 3, 4, 5 (100 m)
- 100BASE-TX: UTP Cat. 5 (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
- Backplane: 1.6 Gbps
- Buffer memory: 448K bits
- MAC Address database: 1K
- PoE Power Budget: 57W

### Status LEDs

- Power
- Link/Act, PoE Act/Status indicators

### Environmental Specifications

- Operating temperature: 0°C~40°C
- Operating humidity: 10 %~90 % RH (non-condensing)
- Storage temperature:-20°C~60°C

### Physical Specifications

- Dimensions: (l x w x h) 146 x 85 x 42 mm
- Weight: 389g

### System Requirements

- Network card for each PC or Server
- Network Cables Min. Cat.5 for 100 Mbps

### Warranty

- Limited Lifetime Warranty



## Ordering Information:

DG-FS1008PH-A: DIGISOL 8 Port 10/100 Mbps Fast Ethernet Unmanaged Switch with 4 PSE/Power Over Ethernet Ports and External Power Adapter

\*\*Please refer warranty document on [www.digisol.com](http://www.digisol.com) • Power adapter shipped with the device carries 1 year warranty.

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