



# DIGISOL®

## SWITCHING SOLUTIONS

### DIGISOL 4 Port PoE Fast Ethernet Unmanaged Switch with 2 Uplink Ports

#### DG-FS1006PF-B



#### Key Features:-

- 4 PoE 10/100Mbps ports + 2 10/100Mbps uplink ports
- Support PoE power up to 15.4W (IEEE802.3af)/ 30W (IEEE802.3at) for PoE ports
- All ports support MDI/MDIX
- PoE: 78W
- Plug and play installation
- Forwarding Mode: Store-And-Forward
- Switching capacity: 1.2Gbps Full duplex
- Built-in AC Power Supply
- Support 6KV lightning protection
- Fanless for quiet functioning with natural cooling
- Small and compact design, suitable for desktop or wall-mounting
- Supports distance of 250m at 10 Mbps



#### Introduction:-

DIGISOL DG-FS1006PF-B Switch offers 4x10/100Mbps Ethernet ports with Power over Ethernet support with 2 \*100Mbps Uplink ports. These PoE ports are IEEE 802.3af and IEEE802.3at compliant and can supply up to a Max. of 30 watt per port and a total PoE power of 78Watt. The existing Ethernet cables can be used to power up PoE 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 for each port.

#### 4 x 10/100Mbps RJ-45 Nway ports

DG-FS1006PF-B Switch offers 4x10/100Mbps Fast Ethernet PoE ports with an additional 2x100M Fast Ethernet port to extend the existing 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. The devices connected to switch can be easily identified by LED indicators.

#### Plug and Play installation

DG-FS1006PF-B 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 1.2Gbps, data transfer is at an average of 2000 Mbps per port at full duplex mode.



# DIGISOL<sup>®</sup>

## SWITCHING SOLUTIONS

### Technical Specifications:-

#### Ports Configuration

- Network Ports: 6
- PoE Port: 4 x 100Mbps. Max. 30W Output of Single PoE Port
- Transmission distance: 0~100m
- Power Indicators:
- Light on: Powering
- Light off: No Power
- VLAN Indicator
- Green light on: VLAN mode
- Light off: Normal mode
- Port 1-6 indicator
- Light off: Link is disconnected
- Red light on: Powering but data disconnected
- Light flash quickly: Data Transmitting

#### Standard

- Network Protocol: IEEE802.3i/802.3u/ 802.3x/ 802.3af/ 802.3at

#### Performance

- Switching Capacity: 1.2Gbps Full duplex
- Packet Forwarding Rate: 0.8928Mpps/port
- Forwarding Mode: Store-and-forward
- MAC Address Table: 1K
- Supports Vlan Mode
- Transmission distance: 14 Port : 100Mbps: 0~100m; 10Mbps: 0~250m

#### Power Over Ethernet

- PoE Standard: IEEE802.3af, IEEE802.3at
- PoE Power Supply 1/2(+),3/6(-)
- Transmission Distance: 0~250m/10Mbps, 0~100m/100Mbps
- PoE Feature All ports support MDI/MDIX

#### General

- Power Source: Bult-in Power Supply
- Input: 110-264V AC, 50/60Hz
- PoE Power Budget: 78W
- Power Consumption: <5W
- ESD : Air discharge: 1.5KV Contact discharge: 1.5KV
- Anti-Thunder Level: Common mode: 2KV Differential mode: 2KV
- Operating Temperature: -0°C-55°C
- Humidity: 20%-95% , non-condensing
- Storage Temperature: -20°C-70°C
- Weight: 0.95Kg

### Ordering Information:-

#### DG-FS1006PF-B: DIGISOL 6 Port Fast Ethernet Unmanaged Switch with 4 PoE Ports, PoE Budget: 78W

\*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. © 2022 DIGISOL SYSTEMS LIMITED. All rights reserved.

DIGISOL is a Subsidiary of Smartlink Holdings Limited

DIGISOL SYSTEMS LIMITED  
CITIPOINT, 7th Floor,  
Unit No. B-701, B-702 & B-703,  
Andheri-Kurla Road, J. B. Nagar,  
Andheri (East),  
Mumbai - 400059, INDIA



1800-209-3444



www.digisol.com



helpdesk@digisol.com

@DIGISOLINDIA