



## Quick Installation Guide

# **8-Port 10/100 Mbps Fast Ethernet Unmanaged PoE Switch With 1 Uplink Port**

DG-FS1009PF-A



UPTO

200 Mbps

## **Copyright**

Copyright 2016 by Digisol Systems Ltd. All rights reserved.  
Company has an ongoing policy of upgrading its products and it may be possible that information in this document is not up-to-date.  
Please check with your local distributors for the latest information.  
No part of this document can be copied or reproduced in any form without written consent from the company.

## **Trademarks:**

DIGISOL™ is a trademark of Digisol Systems Ltd. All other trademarks are the property of the respective manufacturers.

## Package Contents

The following items should be present in your package:

- DG-FS1009PF-A Fast Ethernet Unmanaged Switch with 1 Uplink Port
- Power cord (1 No.)
- Quick installation guide
- Power Adapter (1 No.)

Make sure that the package contains above items. If any of the listed items is damaged or missing, please contact your retailer immediately.

## Product Overview

The DG-FS1009PF-A is a 10/100Mbps Ethernet unmanaged switch with 1 uplink port. It is designed to enhance network performance in a compact form factor. The switch comes with 8x10/100Mbps 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 and supports automatic MDI/MDI-X detection & auto crossover for uplink ports which eliminates the need for cross over cables or dedicated uplink ports. Any port can simply plug to a server or a switch, using the usual straight through twisted-pair cable. The switch also supports PoE on all of its 8 ports and can be used to power up PoE enabled devices. This switch is ideal for network connectivity for the SOHO/SME environment.

## Product Features

- Eight(8) RJ-45 Ports for 10BaseT and 100BaseTX connectivity.
- Complies with IEEE802.3, IEEE802.3u and IEEE802.3af standards.
- Supports IEEE802.3x flow control for Full-duplex Mode and backpressure for Half-duplex Mode.
- Supports MDI/MDI-X auto crossover for each port.
- Link & activity indicators for each port.
- Supports Auto-Negotiation.

## System Requirements

The following system requirements are recommended:

- Network card for each PC or Server
- Network cables min. Cat.5 for 100 Mbps

## Front View

After installing the switch, you can check its status from the LED indicators on the front panel shown below.



## LED Description

Following is the LED description:

LED	Color	Status	Description
Power	Green	ON	Switch is powered on
		OFF	Switch is powered off
PoE MAX	Green	ON	Output power has reached the maximum 120W
		OFF	Output power has not reached the maximum 120W
Link/Act (1~9)	Yellow	ON	A valid link is established
		Blinking	Data packets transmitted/received
		OFF	No link is established
PoE (Ports 1-8)	Green	ON	Switch is supplying power on the power enabled device on that port
		OFF	Switch is not supplying power on that port

Note:

- 1) When "Normal" mode on the front panel is selected, using the toggle button, the devices connected to this switch can ping each other.
- 2) When "VLAN" mode is selected using the toggle button, switch works in VLAN mode, 1~8 devices can ping the uplink port individually, but cannot ping each other.

## Rear View

DC IN: Connects to power source with the power cord. Supports input voltage DC 48V 2.5A.



## Power Connection

Plug the power cord firmly into the power adapter and then plug this power adapter to the DC IN on the switch rear panel, and the other end into an electric service outlet, then the device is ready to use.

## Connecting Computers to the Switch

The switch features auto-MDI/MDIX crossover detection function and provides plug-and-play capability. Users can immediately use any of the features of this product simply by plugging the network cables (RJ-45) into the computers and the switch.

## Uplink

All Ports can be used as an uplink port for connecting to another unit without using crossover cable. When using the uplink port, you can extend the distance to 100m for linking another switch or hub.

## To prolong the operational life of your units

- Never stack more than eight units if freestanding
- Do not place objects on top of any unit or stack
- Do not obstruct any vents at the sides of the case

This product comes with limited lifetime Warranty. For further details about warranty policy and Product Registration, please visit support section of [www.digisol.com](http://www.digisol.com)

The power adapter shipped with the product comes with one year warranty against manufacturing defects.



## Limited Lifetime Warranty

This Product is covered under DIGICARE Limited Lifetime Warranty program backed by DIGICARE Service Center. To avail this Limited Lifetime Warranty offer, customer needs to contact DIGICARE's Technical Assistance Center for the same. You may be asked to provide proof of purchase of product for warranty claim of defective product. Please refer website [www.digisol.com](http://www.digisol.com) for the detailed support terms & conditions and support process.

### Warranty Policy

- 1. Hardware Warranty :** Hardware warranty period shall be limited up to Three years. External Power Adapter shall carry One year warranty only against manufacturing defects. Any repair or replacement will be rendered by DIGICARE at its Service Center only.
- 2. Software Warranty :** DIGISOL issues this Limited Software Warranty that the software portion of the product ("Software") will substantially confirm to DIGISOL's then current functional specifications for the software, as set forth in the applicable documentation, from the date of original retail purchase of the Software for a period of one year ("Software Warranty period"), provided that the Software is properly installed on approved hardware and operated as contemplated in its documentation.
- 3. Governing Law:** This warranty shall be governed by Indian Laws.
- 4. Limited Lifetime Warranty** shall subject to the terms & conditions specified in the DIGISOL PRODUCT WARRANTY policy displayed on [www.digisol.com](http://www.digisol.com)



[helpdesk@digisol.com](mailto:helpdesk@digisol.com)  
1800 209 3444



[illegible]



**DIGISOL SYSTEMS LIMITED**

Smartlink House, Plot. No. 5,  
Off CST Road, Bandra-Kurla Complex Road,  
Santacruz (East), Mumbai - 400 098, India.

Tel: +91 22 3061 6666 / 2652 6696,

Fax: +91 22 2652 8914

A Subsidiary of Smartlink Network Systems Ltd.

[www.digisol.com](http://www.digisol.com)

**DIGICARE™**  
Service And Support



**1800 209 3444**

[helpdesk@digisol.com](mailto:helpdesk@digisol.com)  
[sales@digisol.com](mailto:sales@digisol.com)