DIGISOL SYSTEMS LIMITED

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Quick Installation Guide

8 Port 10/100/1000Mbps Gigabit Ethernet Unmanaged Switch with 4 PoE Ports & External Power Adapter

DG-GS1008PH-A

8 PORTS | **UPTO 2000 Mbps**

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Package Contents

The following items should be present in your package:

- DG-GS1008PH-A 8 Port 10/100/1000Mbps Gigabit Ethernet Switch with 4 PoE Ports
- Rubber Pad (4 Nos.)
- External Power Adapter(1 No.)
- Power Cord(1No.)
- Quick installation guide

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-GS1008PH-A is a 8 Port 10/100/1000Mbps Gigabit Ethernet unmanaged switch with 4 PoE ports. It is designed to enhance network performance in a compact form factor. The switch comes with 8x10/100/1000Mbps 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 has 4 PoE ports to power up PoE enabled devices. This switch is ideal for network connectivity for the SOHO/SME environment.

Product Features

- 8*10/100/1000Mbps RJ45 Ports with 4-Port PoE function (Port-1 to Port-4)
- Complies with IEEE802.3,IEEE802.3u, IEEE802.3ab and IEEE802.3af/at standards.
- Supports IEEE802.3 Nway auto-negotiation protocol.
- Supports IEEE802.3x Full-duplex flow control.
- Supports MDI/MDI-X auto crossover for each port.
- Supports wire speed packet filtering and forwarding rate.
- Supports store-and-forward switching architecture.
- Link/ACT LED for each port & PoE LED for PoE

System Requirements

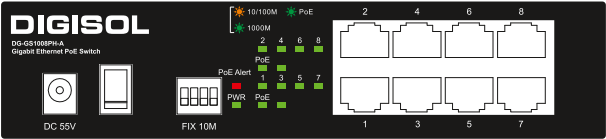The following system requirements are recommended:

- Network card for each PC or Server
- Network cables min. Cat.5 for 1000Mbps

Front View

This switch has a Power connector, Power ON/OFF button and DIP Switches on the front interface.

The DIP Switch when set to "ON" position, the PoE power will be available up to 200 m. Please note, after turning ON the DIP switch you will have to Reboot the switch.

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	Status	Operation
Power	Steady Green	The switch is powered on.
	Off	The switch is powered off.
Port LED	Steady Amber	Connected to 10/100M network.
	Steady Green	Connected to 1000M network.
	Blinking Green	Transmitting/receiving data
	Off	No device is connected.
POE	Steady Green	Feeding power to POE devices.
	Off	POE function is not active.
PoE Alert	On (Red)	Total POE power consumed is exceeding POE budget
	Off	Total POE power is within POE budget

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.

Hardware Installation

1. Connect one of the Ethernet ports on the switch to your router's LAN port with an Ethernet cable.
2. Connect your computer to one of the other ports on the switch with an Ethernet cable.
3. Plug one end of the provided Power Adapter into the power jack of the switch and the other end to a standard electrical socket.

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