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Quick Installation Guide

24 Gigabit PoE Ports, 2*10/100/1000M RJ45 Ports and 2*1000M Fiber Uplink Ports, PoE Budget: 300W

DG-GS1028PF-B

24 PORTS | UPTO **2000Mbps**

Package Contents :

The following items should be present in your package:

- Switch (1 No)
- Power Cord (1 No)
- Quick Installation Guide

Make sure that the package contains above items.

Product Overview :

This document will guide you on the correct use of products, to prevent any loss or damage to the device to avoid void of warranty. Please read the instructions carefully before using the equipment and strictly observe while using it.

This unmanaged PoE switch support 24 nos of PoE ports with 2 RJ45 and 2 SFP uplink ports in surveillance / VLAN mode. The switches support PoE on all the downlink ports. The PoE switch provides power and data transmission via Cat cables. PoE ports supply power at the standard of IEEE802.3af/at. Auto-sensing function can supply power to PD device (IEEE802.3af/at standard). If the PoE device disconnected, it would stop supplying power. The PoE switch features simple and reliable design and automatic identification of PoE supply voltage and power, speed, full-duplex and Auto Uplink cable type.This cost-effective switch can apply to wireless access point (AP) and IP-based surveillance.

Precautions :

- Do not install the equipment in direct sunlight or near any equipment that generates high amount of heat
- Do not install the equipment in damp, dusty or sooty places
- Always keep the equipment installed horizontally, or on a stable platform to prevent the product from falling
- Do not drop or spill liquids on the equipment and ensure that liquid-filled items are not spilled on the equipment
- Prevent any sort of liquid from flowing into equipment
- Install the switch in a well-ventilated place. Do not block the ventilation vent of the equipment
- Equipment can only be used within the permissible input & output range
- Do not disassemble the equipment by your own self
- Maintain the range of humidity while storing or during transportation

Warning :

The product must use the wired components (power cable) recommended by the region and be used within its permissible specifications. Use the power supply that meets the requirements of SELV (Safe Ultra-Low Voltage) and conform to IEC 60950-1. The rated voltage of Limited Power Source (restricted power supply) is used for power supply. The label of the switch should be prevailed till the product warranty.

If power plug or device coupler are used as disconnecting device, please allow the disconnecting device to operate conveniently.
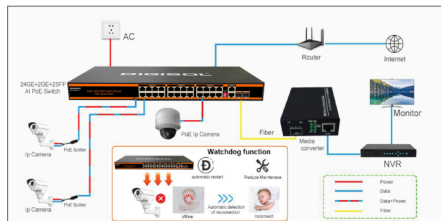
Disclaimer :

Instructions and procedures will be updated consistently according to the product upgradation without subject to any prior notice. If any of the instructions mentioned in the guide are not followed by the user, the loss will be borne by the user. Instructions may contain technical inaccuracies or inconsistencies with product functions and operations, or printing errors, in accordance with the company's final interpretation.

Industrial Structure and Port Description :

The whole machine is made of all-metal material and has excellent heat dissipation. The switch panel is powered by PoE port, uplink network port GE and power indicator, PoE indicator is composed of uplink network signal indicator. PoE Switch is widely used in public security, schools, residential areas, office space and various inconvenient wiring scenarios to support PoE power supply. PoE is Power Over Ethernet, referred to as Ethernet power supply. This manual takes eight port PoE switch as an example to illustrate the actual installation and application of the whole PoE series products.

Typical Application :

Product Characteristics :

- Supports 24*1000 Mbps PoE Ports and 2*1000Mbps RJ45 ports + 2 SFP ports.
- The switching capacity is 56 Gbps.
- Support IEEE802.3af, IEEE802.3at standard PoE total power 300W.
- MAC automatic learning and aging, the capacity of MAC address list is 8K.
- Port automatically adapts to MDI/MDIX mode.
- Support AI self-healing (mode watchdog function)
- Support long distance up to 250 meters for data transmission & power supply.
- Support 110-240V AC, 50/60Hz power supply.
- Support lightning protection up to 4KV 8/20us

Equipment panel schematic :

LED Description :

Indicator light	Colour	Description
PWR	Red	Off: Switch not energized
		Solid: Switch is On
Data LNK / ACT LED	Green Light	Off: No connection to network devices
		Solid: Connected to network devices
		Blinking: Data transmission
PoE	Red	Off: PoE Port not Powered
Dial Light	Green/Off	Solid: PoE Port is Powering
		Off: Transmission rate 100/1000M, maximum transmission 0-100M
Uplink LED	Green	Off: Not connected to network devices
		Solid: Connect to network devices

**Please note:

DIP SWITCH 1
1) When the dial 1 switch is OFF, AI self-healing (mode watchdog function) is Disabled
2) When the dial 1 switch is ON, AI self-healing (mode watchdog function) is Enabled

DIP SWITCH 2
1) When the extend (DIP SWITCH 2) switch is OFF, the devices connected to the switch can ping each other
2) When the extend (DIP SWITCH 2) mode is ON, the switch works in VLAN mode, 1~24 port devices can ping the uplink port individually, but cannot ping each other.

Please follow the following steps to install:
(1) Please disconnect the power supply of the equipment before installation. Live installation may cause damage to transmission equipment.
(2) Check whether the network cables and other transmission lines to be used are connected to the other equipment
(3) Connect DG-GS1028PF-B to the RJ45 interface and PoE network camera with network cable.
(4) Connect the Uplink port to the NVR port with the network cable.
(5) Check whether the installation is correct, and the equipment is not damaged to ensure that all connections are reliable, connect the power cord and power the system.
(6) Verify that the network and PoE power supply are normal.

Extend 250 meters
Please follow the above installation steps from (1) (2) (3) (4)
(5) Push the "Extend DIP SWITCH 2" key to the "on" position
(6) Check whether the installation is correct or that the equipment is not damaged, ensure that all connections are reliable, connect the power cord and power the system
(7) Verify that the network and PoE power supply are normal

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WARRANTY

This Product is covered under DIGISOL Warranty program backed by DIGISOL Service Center. To avail this Warranty offer, customer needs to contact DIGISOL'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 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 DIGISOL 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. Warranty shall subject to the terms & conditions specified in the DIGISOL Product Warranty policy displayed on www.digisol.com

5. To avail and activate warranty for your product.
   Kindly register your product by calling us @1800 209 3444

DIGICARE | ✉ helpdesk@digisol.com
| ☎ **1800 209 3444**

3 YEARS WARRANTY

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