

- If there is any uncertainty or controversy, please refer to the final explanation of us.
- Please visit our website for more information.
- The function of the ITE being investigated to IEC 60950-1 is considered not likely to require connection to an Ethernet network with outside plant routing, including campus environment.
- The installation instructions clearly state that the ITE is to be connected only to PoE networks without routing to the outside plant.

Dahua 8-Port Gigabit Switch with 4-Port PoE

User's Manual V1.0.0

1.2.51.32.12469-000

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Important Safeguards and Warnings

Attentions

Please read the following safeguards and warnings carefully before using the product in order to avoid damages and losses.

Note:

- Do not expose the device to lampblack, steam or dust. Otherwise it may cause fire or electric shock.
- Do not install the device at position exposed to sunlight or in high temperature. Temperature rise in device may cause fire.
- Do not expose the device to humid environment. Otherwise it may cause fire.
- The device must be installed on solid and flat surface in order to guarantee safety under load and earthquake. Otherwise, it may cause device to fall off or turnover.
- Do not place the device on carpet or quilt.
- Do not block air vent of the device or ventilation around the device. Otherwise, temperature in device will rise and may cause fire.
- Do not place any object on the device.
- Do not disassemble the device without professional instruction.

Warning

- Please use battery properly to avoid fire, explosion and other dangers.
- Please replace used battery with battery of the same type.
- Do not use power line other than the one specified. Please use it properly. Otherwise, it may cause fire or electric shock.

Special Announcement

- This manual is for reference only.
- All the designs and software here are subject to change without prior written notice.
- All trademarks and registered trademarks are the properties of their respective owners.

1 Product Overview

1.1 Product Introduction

8-port gigabit switch is a type of layer two commercial switch, which provides 4 10/100/1000Mbps PoE port, 4 10/100/1000Mbps Ethernet port and supports Hi-PoE power supply.

1.2 Product Features

- Layer two commercial switch.
- Supports IEEE802.3, IEEE802.3u and IEEE802.3X standards.
- MAC auto study and aging, MAC address capacity is 8K.
- Supports MDI/MDIX self-adaptation.
- Supports IEEE802.3af and IEEE802.3at power supply standards.
- Adopts metal enclosure.
- Supports DC 48-57V power supply.
- Port 1 of the product supports Hi-PoE 60W power supply.

1.3 Typical Application



Figure 1-1

2 Device Structure

2.1 Device Panel

The device panel is shown in Figure 2-1.

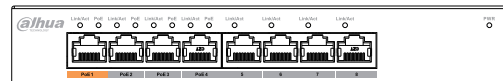


Figure 2-1

Please refer to Table 2-1 for more details.

| SN | Name | Note |
|----|--------------------|--|
| 1 | 10/100/1000 Base-T | 4*10/100/1000Mbps self-adaptive PoE power supply port. |
| 2 | 10/100/1000 Base-T | 4*10/100/1000Mbps self-adaptive Ethernet port. |
| 3 | Link/act | Single port Link status indicator light. |
| 4 | PoE | Single port PoE status indicator light. |
| 5 | PWR | Power indicator light. |

Table 2-1

2.2 PoE Power Supply

- One 1000M RJ45 port supports IEEE802.3af, IEEE802.3at standards and Hi-PoE 60W power supply.
- Three 1000M RJ45 ports support IEEE802.3af and IEEE802.3at standard power supply.

3 Appendix | Technical Specifications

| Model | DH-PFS3008-8GT-60 |
|------------------------|--|
| Ethernet Port | 4*10/100/1000Mbps PoE ports, 4*10/100/1000Mbps ports |
| PoE Power Consumption | Port2-4≤30W, Port1≤60W, Total≤60W |
| PoE Protocol | IEEE802.3af, IEEE802.3at, Hi-PoE |
| Switching Capacity | 20Gbps |
| Packet Forwarding Rate | 11.90Mpps |
| Packet Buffer Memory | 1.5M |
| MAC Table Size | 8K |
| Flow Control | Enable by default |
| Application Humidity | 10% ~ 90% |
| Power | DC48 ~ 57V power adapter |
| Lightning Protection | Common Mode 2KV Differential Mode 0.5KV |
| Working Temperature | -10°C ~ 55°C |
| Weight | 0.49KG |
| Dimension(W × D × H) | 190mm × 100mm × 30mm |

Table 3-1

Note

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