

Dahua 9-Port Gigabit Switch User's Manual

V1.0.1

ZHEJIANG DAHUA VISION TECHNOLOGY CO., LTD.

Important Safeguards and Warnings

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.
- If there is any uncertainty or controversy, please refer to the final explanation of us.
- Please visit our website for more information.

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1 Product Overview

1.1 Introduction

9-port Gigabit switch is a layer-two industrial switch. It provides 4 10/100/1000Mbps Ethernet RJ45 ports, 4 1000Mbps optical ports and 1 10/100/1000Mbps uplink port.

1.2 Features

- Layer-two industrial switch.
- Conforms to IEEE802.3, IEEE802.3u and IEEE802.3X standards.
- Large buffer, smooth video.
- MAC auto study and aging, MAC address list capacity is 4K.
- Self-adaptation MDI/MDIX mode.
- Adopts metal structure.
- Supports $-30^{\circ}\text{C} \sim +65^{\circ}\text{C}$ operating temperature.
- High protection grade, supports common mode 4KV, differential mode 2KV.
- Supports DC 9V-DC 57V power supply and dual power backup.

1.3 Typical Application

The typical networking scene of the device is shown in Figure 1-1.



Figure 1-1

2 Device Structure

2.1 Front Panel

The front panel is shown in Figure 2-1. Refer to Table 2-1 for the description of front panel.

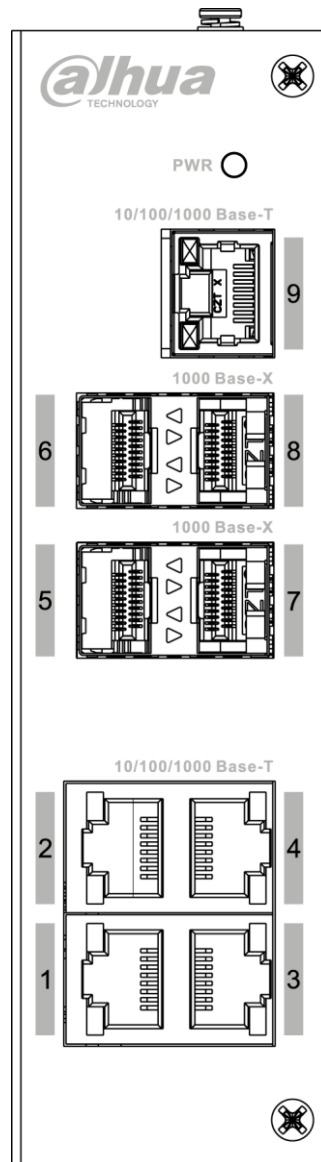


Figure 2-1

Please refer to Table 2-1 for more information.

Number	Name	Description
1~4	10/100/1000 Base-T	4 10/100/1000Mbps self-adaptation RJ45 ports.
5~8	1000 Base-X	4 1000Mbps optical ports.
9	10/100/1000Base-T	1 10/100/1000Mbps self-adaptation uplink port.
-	PWR	Power indicator light.

Table 2-1

2.2 Side Panel

The side panel of device is shown in Figure 2-2; refer to Table 2-2 for more description of side panel.

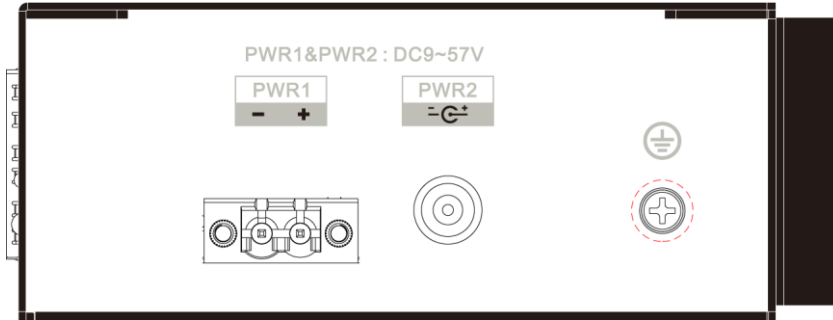


Figure 2-2


Name	Description
PWR1&PWR2	Supports DC 9V-DC 57V power supply.
	Grounding screw.

Table 2-2

3 Installation Guide

The device supports DIN rail mount.

Lay the switch hook on the rail, press the switch to make the buckle get into the slide, which is shown in Figure 3-1.

Note

The device supports the slide width of 38mm.

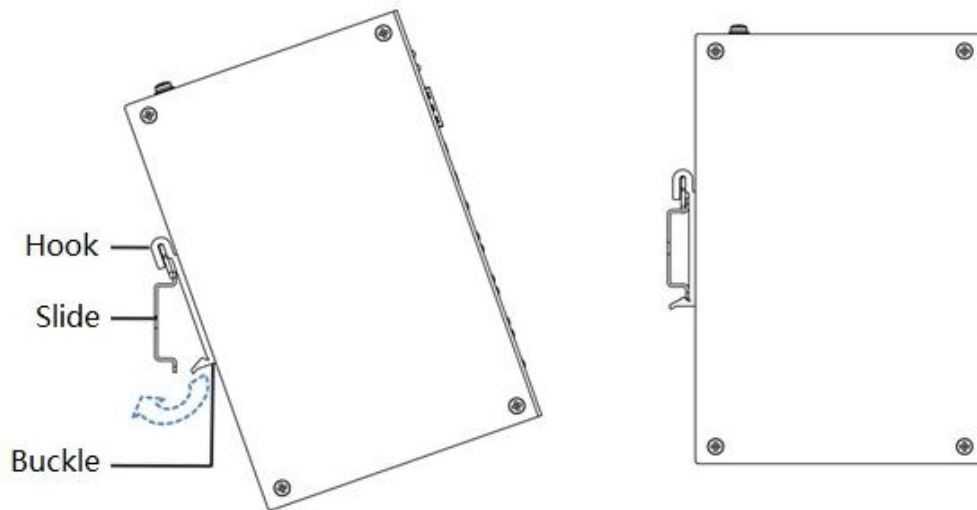


Figure 3-1

Note

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- Slight difference may be found in user interface.
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