

# User Guide

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## 5-Port Gigabit Unmanaged Switch

This document applies to the 5-Port Gigabit Unmanaged Switch. The 5-Port Gigabit is used as an example in the product figure unless otherwise specified.

## Packing List

When using the switch for the first time, carefully open the packing box. The packing box should contain the following items:

- Switch \*1
- User Guide \*1
- Power Adapter \*1

 **Note:** Precision devices are built in the device, please handle them carefully to avoid violent vibration, which may affect the performance of the device. If you find that the equipment is damaged or any parts are lost in the process of transportation, please inform us, we will give you a proper solution as soon as possible.

ppendix: Technical parameter description.

## Chapter 1 Product Introduction

### 1.1 Product Overview

5-Port Gigabit Switch is our self-developed unmanaged Switch product. It provides 5\*10/100/1000Mbps adaptive RJ45 ports, each supporting MDI/MDIX automatic flip and wire-speed forwarding. Easy to manage and maintain, meet the networking and access requirements of enterprises, communities, hotels, office networks and campus networks.

## Chapter 2 Product Appearance Description

### 2.1 Front panel

The front panel consists of 5\*10/100/1000Mbps adaptive RJ45 ports and associated indicators, as shown below:

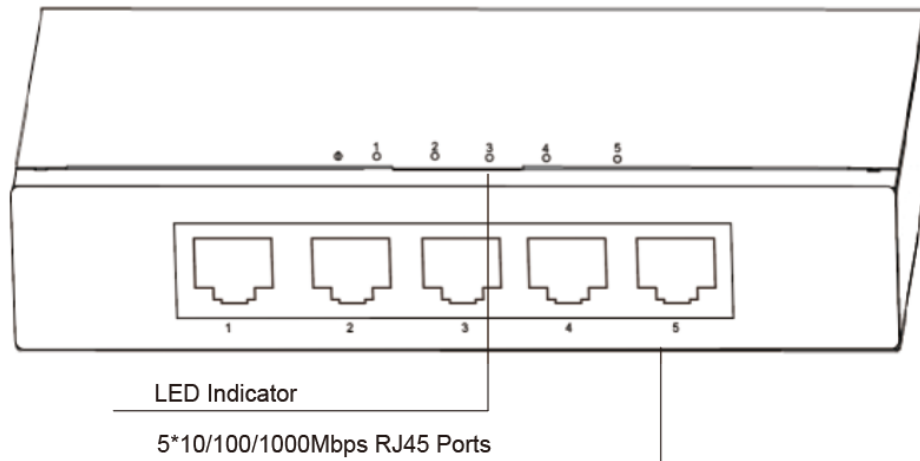


Figure 2-1 Front panel of the 5-Port Gigabit Switch

5-Port Gigabit Port description:

#### ➤ 10/100/1000Mbps RJ45 Ports

Supports 10Mbps, 100Mbps, or 1000Mbps rate adaptation, auto-MDI /MDIX, and each port has a corresponding indicator, that is, the indicators 1-5 on the panel in the figure above.

#### ➤ LED Indicator

The LED indicator is used to indicate the different working status of the switch, so that we can check whether the switch is working properly in time.

## 2.2 Rear panel

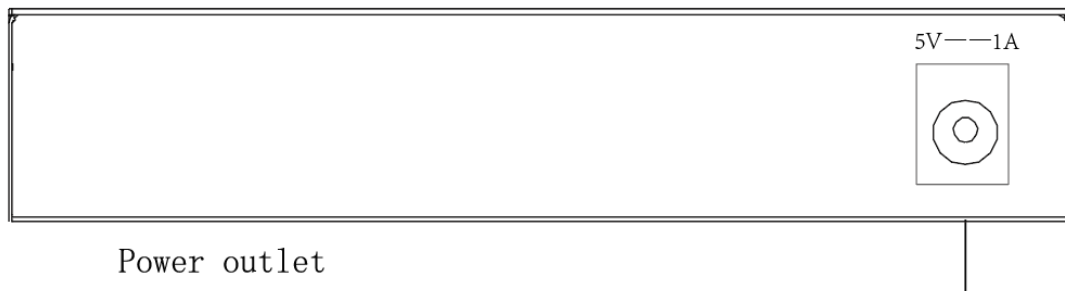


Figure 2-2 Rear panel of 5-Port Gigabit Switch

### DC Power Port

DC input: 5V/1A

## Chapter 3 Installation Guide

This chapter helps users correctly install and safely use switches.

### 3.1 Installation Precautions

**⚠ Precautions:** To avoid equipment damage and personal injury, observe the following precautions:

- The switch room should be dry and ventilated, free from corrosive gases and strong electromagnetic interference.
- The humidity of the switch equipment room should be lower than 90%. Install proper devices when possible.
- The grounding of the switch shall comply with the grounding requirements described in this manual, and shall be separately and well grounded.
- The switch voltage should be stable to prevent abnormal operation of the

switch caused by power supply voltage mutation, fluctuation and other phenomena;

- Keep a proper distance between the switch and other devices. Do not stack other devices with the switch.
- The connection cable between the switch and the distribution frame should be standardized and reasonable, and the distribution frame (box) jumper wire should be concise and clear to prevent the phenomenon of parallel lines and wires;
- To avoid the danger of electric shock, do not open the chassis without authorization; If any fault occurs, contact professional maintenance personnel.

**Safety Tips:**

- Use a three-hole socket with safe grounding, and ensure that the PGND cable of the power socket is reliably grounded.
- Ensure sufficient space for heat dissipation and ventilation of the switch. Do not place heavy objects on the switch.

## 3.2 Installation environment

Before installation, make sure that the proper working environment is available, including power requirements, adequate space, proximity to other equipment to be connected, and other equipment in place. Please confirm the following installation requirements:

- Ensure the stability of the workbench and good grounding;
- Check whether cables and connectors required for installation are in place (less than 100m).
- Power supply: Environment: operating temperature: 0°C to 40 °C relative humidity: 5% to 90%.

## 3.3 Installation

### Wall mounted installation

- Install the switch by following the steps: Fix two screws on the wall to align the two fixing holes on the switch, as shown in the figure below, and hang the switch smoothly on the screws.

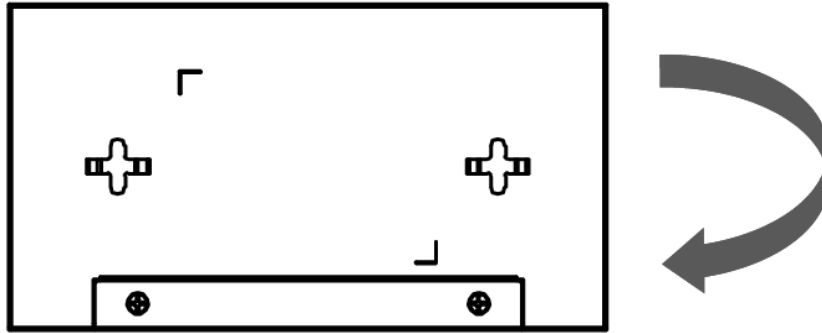


Figure 3-1 Schematic diagram of wall-mounted installation

## Appendix: Technical specifications

Model	5-Port Gigabit Switch
Standard	IEEE 802.3, IEEE 802.3u , IEEE 802.3x, IEEE802.3az , IEEE802.3ab

Network Media(Cable)	10BASE-T: UTP category 3, 4, 5 cable( $\leq 100\text{m}$ ) 100BASE-TX: UTP category 5, 5e cable( $\leq 100\text{m}$ ) 1000BASE-T: UTP category 5e, 5 cable( $\leq 100\text{m}$ )
MAC Address Table	2K, Auto-learning, Auto-aging
Transfer Mode	Store-and-Forward
Switching Capacity	10Gbps
Packet Forward Speed	7.44Mpps
Dimensions (L*W*H)	100*64*24mm
Fan	Fanless
Input voltage	5V/1A
Power Supply	5W
Temperature	Operating Temperature: 0°C ~ 40 °C Storage Temperature: -40 °C ~ 70°C
Humidity	Operating Humidity: 10% ~ 90% non-condensing Storage Humidity: 5% ~ 90% non-condensing