100 Mbps PoE Switch

Quick Start Guide

UD35134B

Preface

Applicable Models

This manual is applicable to 0100MP series 100 Mbps PoE switches.

Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
Note	Provides additional information to emphasize or supplement important points of the main text.
Caution	Indicates a potentially hazardous situation, which if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
Danger	Indicates a hazard with a high level of risk, which if not avoided, will result in death or serious injury.

1 Introduction

1.1 Product Introduction

0100MP series switches are 100 Mbps PoE switches, providing PoE power supply technology on the basis of network access. The devices are reliable, easy to install and maintain, and equipped with rapid switching functions. With multiple access ports, the devices are applicable for access of small-scale LAN devices.

1.2 Packing List

Please check if the package is damaged first. If the package is intact, unpack it and check whether the accessories provided with the product are available by referring to the packing list. Then, you can continue to install the device.

Table 1-1 Packing List

Accessory	Quantity
Switch	× 1
Power Adapter	× 1
AC Power Cord	× 1
Quick Start Guide	× 1
Regulatory Compliance and Safety Information	× 1

1.3 Appearance

Device appearances vary with different models. The actual device prevails.

Front Panel

The 0106MP switch features four 10/100 Mbps PoE RJ45 ports and two 10/100 Mbps RJ45 ports.

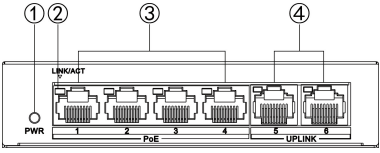

Figure 1-1 0106MP Switch

The 0110MP switch features eight 10/100 Mbps PoE RJ45 ports and two 10/100 Mbps RJ45 ports.

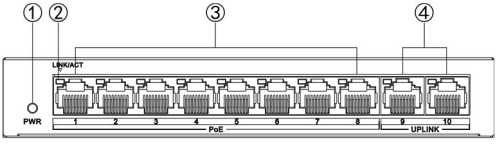

Figure 1-2 0110MP Switch

Rear Panel

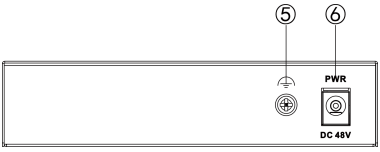

Figure 1-3 0106MP Switch

Figure 1-4 0110MP Switch

Table 1-2 Port/Indicator Description

No.	Indicator/Port	Description
①	PWR Indicator	● Solid on: The switch is powered on normally. ● Unlit: No power supply is connected or power supply is abnormal.
②	LINK/ACT Indicator	● Solid on: The port is connected. ● Flashing: The port is transmitting data. ● Unlit: The port is disconnected or connection is abnormal.
③	10/100 Mbps PoE RJ45 Port	Used for connection to a powered device (PD) via a network cable.
④	10/100 Mbps RJ45 Port	Used for connection to another device via a network cable.
⑤	Grounding Terminal	Used for connection to a grounding cable to protect the switch from lightning.
⑥	Power Supply	Use the attached power adapter and power cord to connect the switch to a socket.

2 Installation

Please select an appropriate installation method according to the actual needs.

Before You Start

- Ensure that the desktop or wall is stable and firm enough.
- Keep the room well-ventilated. Leave at least 10 cm of heat dissipation space around the device.

2.1 Desktop Placement

Place the device on the desk.

2.2 Wall Mounting

Steps

1. Check the distance between the two hanging holes on the rear cover of the device.
2. Insert two self-prepared M4 screws into the wall.

Note

- The load-bearing capacity of the wall should be three times more than the weight of the device.
- Ensure that the distance between the two screws equals to the distance between the two hanging holes.
- Set aside at least 4 mm of the screw bodies outside the wall.

3. Align the hanging holes with the screws, and hang the device on the screws.

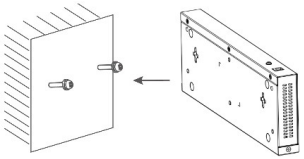

Figure 2-1 Wall Mounting

3 Wiring

3.1 Connect Grounding Cable

Grounding is used to quickly release overvoltage and overcurrent induced by lightening on the device, and to protect personal safety. Select an appropriate grounding method according to the installation conditions.

3.1.1 With Grounding Bar

If a grounding bar is available at the installation site, follow the steps below.

Steps

1. Connect one end of the grounding cable to the binding post on the grounding bar.
2. Connect the other end of the grounding cable to the grounding terminal of the device and tighten the screw.

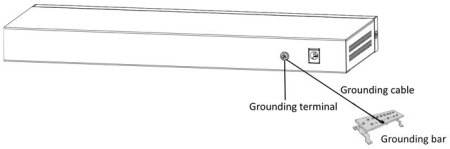

Figure 3-1 Grounding with Grounding Bar

3.1.2 Without Grounding Bar

If there is no grounding bar but the earth is nearby and the grounding body is allowed to be buried, follow the steps below.

Steps

1. Bury an angle steel or steel pipe (≥ 0.5 m) into the earth.
2. Weld one end of the grounding cable to the angle steel or steel pipe and embalm the welding point via electroplating or coating.
3. Connect the other end of the grounding cable to the grounding terminal.

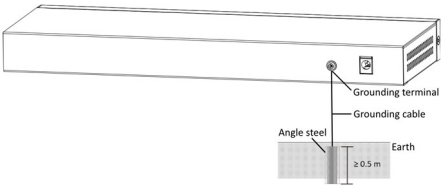

Figure 3-2 Grounding with Angle Steel

3.2 Connect RJ45 Port

Use a network cable to connect the device to the RJ45 port of a peer device such as network camera, NVR, switch, etc.

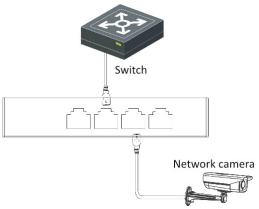

Figure 3-3 RJ45 Port Connection

4 Device Powering-On

Please use the attached power adapter and power cord to power on the device.

Before powering on your device, make sure that:

- The operating power supply is compliant with rated input standard.
- Port cables and grounding cables are correctly connected.
- If there is outdoor wiring, connect a lightning rod and a lightening arrester to the cable.

⚠Caution

Power cables and network cables cannot be wired together, otherwise the PD or switch ports will be burnt.