

MakerLink

Rainproof PoE Switch

User's Manual

1 About guide

This guide provides instructions to install the Switch.



Note: The model you have purchased may appear slightly different from the illustrations shown in the document. Refer to the Product Instruction and Technical Specification sections for detailed information about your switch, its components, network connections, and technical specifications.

This guide mainly divided into 4 parts:

1. About guide: Terminology/Copyright and statement
2. Product introduction: functional overview and introduction of panel definitions
3. Hardware installation: step by step hardware installation process
4. Technical specifications

Terminology



Note: indicates important information that helps a better use of the device.



Warning: indicates potential property damage or personal injury.

Copyright and statement

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2 Products Introduction

Thanks for purchasing the Switch products.

This product is an outdoor rainproof full Gigabit PoE switch. Equipped with 4 10/100/1000Mbps RJ45 PoE ports and 2 Gigabit SFP ports, which can meet the full speed forwarding of the ports. This product adopts ABS plastic outdoor rainproof shell for, Holding pole installation. Excellent performance can help you widely used in wireless, surveillance and other fields.

Front Panel



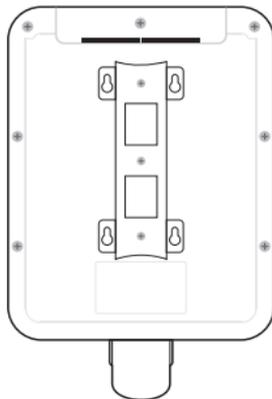
LED Lamp

Power LED: The Power LED lights up when the switch is connected to a power source.

Link/Act indicator: the light indicates the network connection through the corresponding port. Flicker indicates that the switch is sending or receiving data

PoE indicator: constant brightness indicates that the PD device is connected to the corresponding port, and extinguished indicates that the port is not powered or no PD device is found.

Rear Panel



The back is composed of mounting brackets, which can be used for wall -mounting and pole -mounting

3 Hardware installation

This chapter provides unpacking and installation information for the Switch.

open a seal

Open the shipping carton and carefully unpack its contents. Please consult the packing list located in the User Manual to make sure all items are present and undamaged. If any item is missing or damaged, please contact the local reseller for replacement.

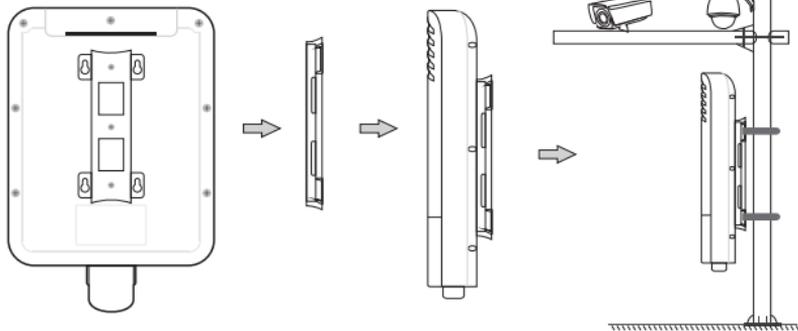
- Switch 1pcs
- User's manual 1pcs
- Power cord 1pcs

Switch installation

For safe switch installation and operation, it is recommended that you:

- Visually inspect the power cord to see that it is secured fully to the AC power connector.
- Make sure that there is proper heat dissipation and adequate ventilation around the switch.
- Do not place heavy objects on the switch.

Holding pole installation



Connect power supply

The power connection uses a quick-plug terminal block connector. It is recommended that the user use a cable with a current capacity of more than 6A.



Warning: When connecting to the power supply system, please pay attention to the polarity marks of the interface avoid connection errors.

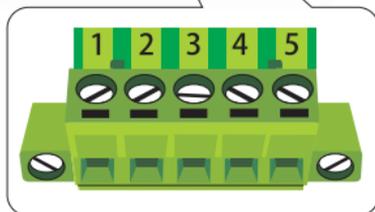
The terminal block connector the of is used for power input. Please follow the steps below to insert the power wire:

- (1) Insert two power lines into the hole at the end side of the connection.
- (2) tighten the screw above the connection end clockwise with a screwdriver, for preventing the power line from loosing
- (3) The other end of the power line is connected to the power supply system.



1	2	3	4	5
L	NC	N	NC	Ground

The wire gauge for the terminal block should be in the range between 12 ~ 24 AWG.



Power Input: Supports input voltages 100-240VAC, 50/60Hz.

Grounding: use specialized ground lead connect 

4 Technical specifications

Project	Describe
Attributes	
Networking Interfaces	4 x 10/100/1000 Mbps RJ45 Ethernet Ports 2 x 1Gbps SFP Ports
LED Indicators	Power, Link/Act, PoE
Performance	
Switching Capacity	12 Gbps
Forwarding Capacity	8.93 Mpps
Forwarding Mode	Store and Forward
Packet Buffer Memory	2 Mbit
MAC Address Table	8K
Physical	
Dimensions	295x206x50mm
Operating Temperature	0 to 40°C
Storage Temperature	-10 to 75°C
Operating Humidity	5 to 95% Noncondensing
Power Method	100~240VAC, 50/60Hz
Power Consumption	5W
Casing	ABS plastic
Installation	Holding pole installation
Power over Ethernet	
PoE Ports	4
PoE Standard	IEEE802.3af / IEEE802.3at
PoE Power Budget	65W
Max. PoE Wattage per Port	30W
PoE Voltage	52V
PoE Pin Assignment	V- (RJ45 Pin 1,2), V+ (RJ45 Pin 3,6)



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