

User Guide

60W Waterproof PoE Injector (AC)

Package Contents

Check the following contents of your package:

- PoE Injector x 1
- User Guide x 1
- Power Cord x 1
- Wrench x 1
- Accessories (water joint) x 3

If any part is lost and damaged, please contact your local agent immediately.

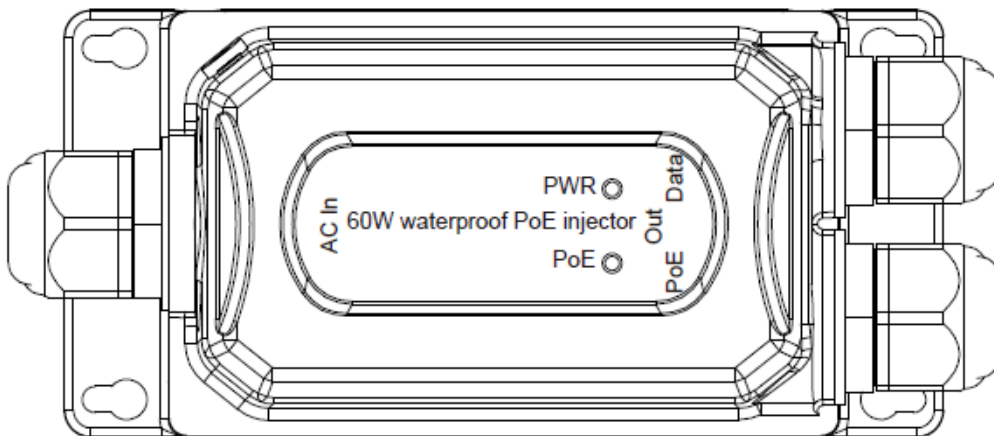
Introduction

This product is a gigabit waterproof power supply device independently developed by our company, which fully complies with IEEE 802.3AF/AT/BT standard. It can load the electric energy on the network cable for transmission, and the maximum transmission distance is 100m. Automatically detects and identifies devices that meet IEEE 802.3AF/AT/BT standards and automatically matches the output power to supply them. For terminals that do not support the PoE function, you can use a PoE separator to expand the traditional power line network and reduce power line usage.

Hardware Description

Front Panel

The front panel composed by PSE output ports with data link port, AC Input port, the relevant indicator, as shown below:



LED indicator

LED	Color	Function
PWR	Green	Off: No Power supply. Light: Indicates the machine has power.
PoE	Green	Bt Mode Off: No PoE powered device (PD) connected or abnormal. Bt Mode Light: There is a PoE PD connected to be port, which Supply power successfully.
	Orange	UPoE Mode Off: No PoE powered device (PD) connected or abnormal. UPoE Mode Light: There is a PoE PD connected to be port, which Supply power successfully.

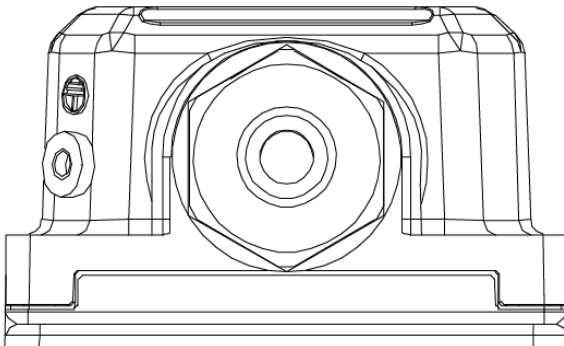
Note: There are two options for POE mode: BT and UPoE, different modes result in different colors of LED lights.

Grounding column

the machine already comes with lightning protection mechanism. You can also ground the machine through the PE (Protecting Earth) cable of AC cord or with Ground Cable.

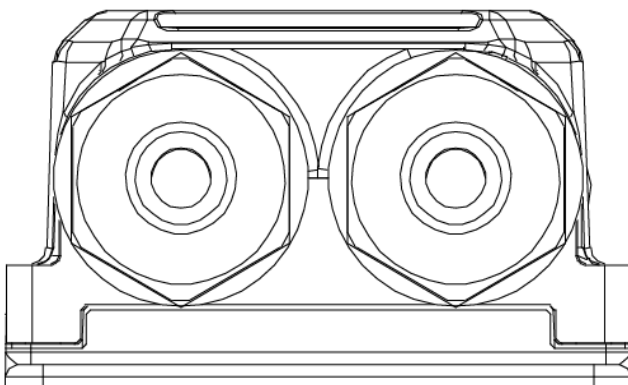
Left Panel

Schematic diagram of left panel: input port (AC In) and grounding column, Standard network Cate5 cable (line diameter 5.5mm).



Right Panel

Schematic diagram of right panel: the output port (PoE out、Data) requires the use of standard network cate5 cable (Line diameter 5.5mm).



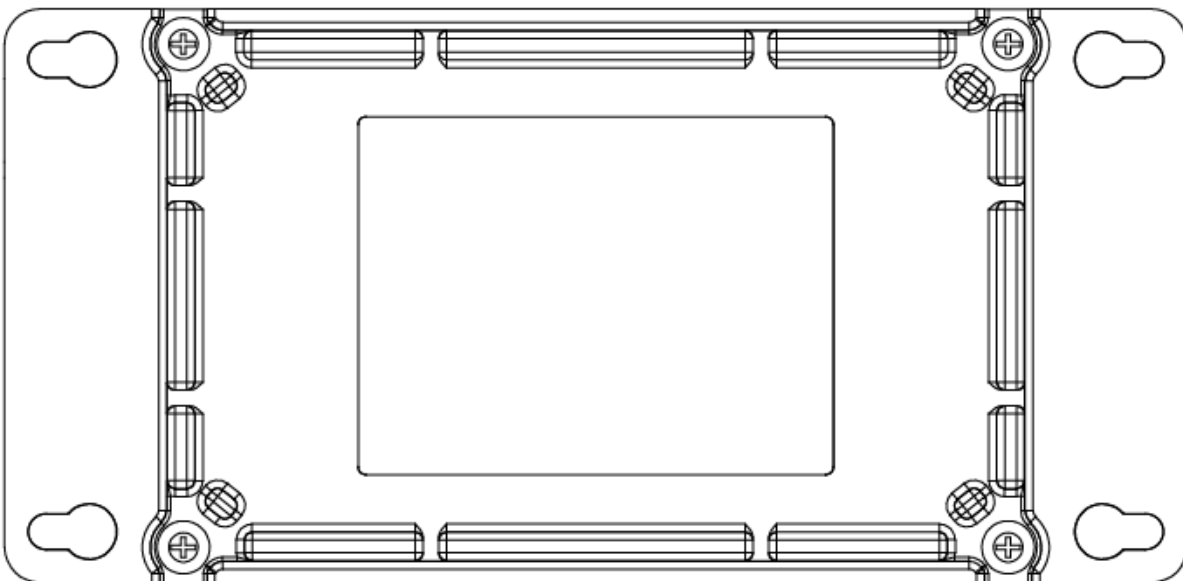
Installation

This part describes how to install your machine and make connections to it. Please follow the following instructions in avoid of incorrect installation causing device damage and security threat.

- Before cleaning the machine, pull out the power plug of the machine first. Do not use wet cloth to wipe the machine, do not use liquid cleaning machine;
- Please do not put the machine in the water or wet place, and prevent water or moisture into the housing;
- The indoor ventilation should be kept good and the ventilation hole of the machine should be unblocked;
- The machine can only work under the correct voltage, please confirm that the working voltage is consistent with the voltage marked on the machine;
- The waterproof joint nut should be fully screwed with the joint thread to fit the hexagonal plane, otherwise it is easy to cause water and damage the machine;
- Please do not put the machine on the unstable box or table, in case of falling, the machine will cause serious damage;
- In order to reduce the risk of electric shock, do not open the case when the machine is working, even in the case of no electricity, do not open the case at will;

Desktop Installation

Install the machine on a desktop, place the machine carefully on the counter, the bottom is as follows:

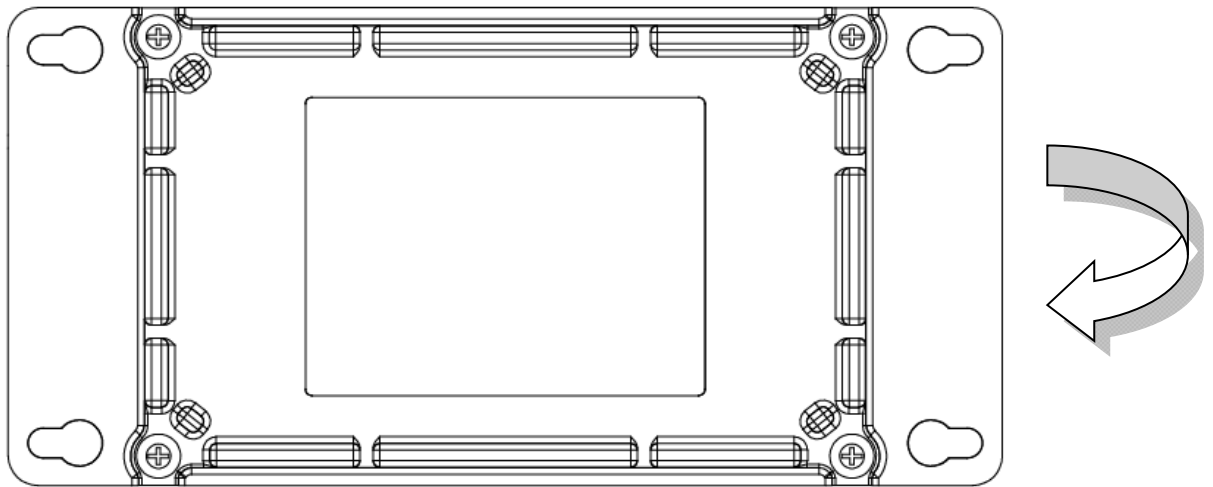


Wall-mounted installation

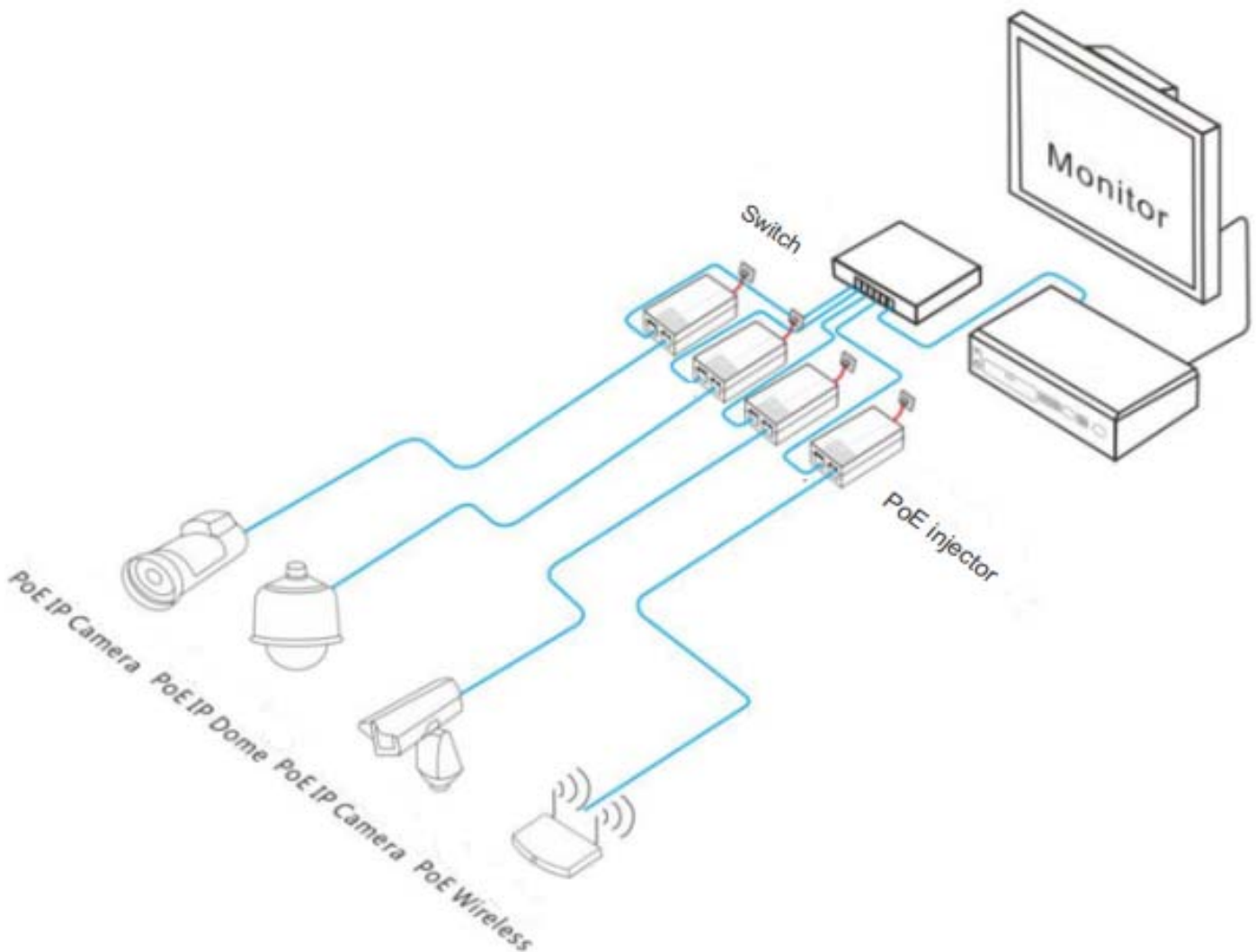
Please follow these steps to install the machine:

First fix the four screws on the wall (screw cap diameter recommended 5.5-6.5mm) and turn the machine upside down.

Align the four fixing holes of the machine as shown below and hang the machine smoothly on the screws.



Application diagram of PoE injector



Specifications

Model	60W Waterproof PoE Injector (AC)
Port	1X10/100/1000Mbps auto-negotiation RJ45 port 1X10/100/1000Mbps auto-negotiation RJ45 port 1*AC In port
Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3af, IEEE802.3at, IEEE802.3x, IEEE802.3bt
Network Media(Cable)	10BASE-T: UTP category 3,4,5 cable (≤100m) 100BASE-TX: UTP category 5 cable (≤100m) 1000BASE-T: UTP category 5e cable (≤100m)
Dimensions (L*W*H)	150*73*44MM
AC input power	AC 100-240V 50/60Hz
Input current	1.2A Max
PoE port output	60W Max
PSE Power on RJ-45	Data Pairs 1 / 2(-), 3 / 6(+) Spare Pairs 4 / 5(+), 7 / 8(-)
Operating Temperature	-20°C ~ +60°C
Storage Temperature	-40 °C ~ +80 °C
Operating Humidity	10% ~ 90% non-condensing
Storage Humidity	5% ~ 90% non-condensing
waterproofing grade	IP67
anti-hazard classification	IK10