

# **User Guide**

**1-Port Gigabit+1G SFP waterproof Media conver**

## Package Contents

### Check the following contents of your package:

- Media conver x 1
- User Guide x 1
- Wrench x 1
- Tweezers x 1
- Power Cord x 1
- Accessories ( water joint )

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

## Introduction

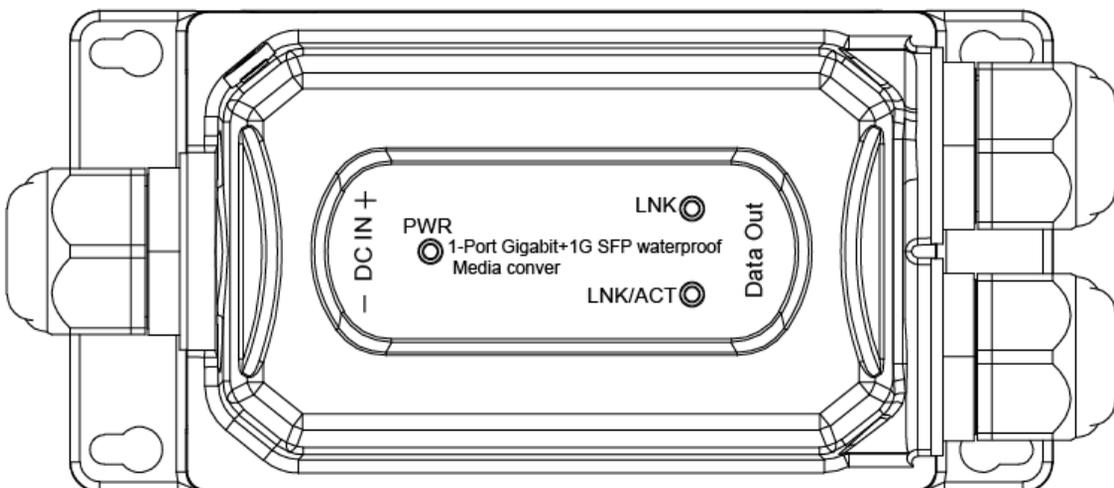
Media conver contains 1x10/100/1000Mbps RJ45 ports and 1x1000Mbps SFP, RJ45 port support PoE functions. The PoE ports can automatically detect and supply power to IEEE802.3af/at compliant Powered Devices (PD). The electrical power and data transmission on the same cable can expand your network to the places where no power lines or outlets, where you can install devices such as APs, IP cameras, or IP phones etc.

Professional room shell design, adapted to various harsh environments, with high stability, reliability, industrial level, wide temperature. The whole machine does not need power adapter, so it is convenient for harsh outdoor environment .reliable and convenient power for outdoor work AP, cameras etc.

## Hardware Description

### Front Panel

The front panel composed by output port , input port and relevant indicator, as shown below:

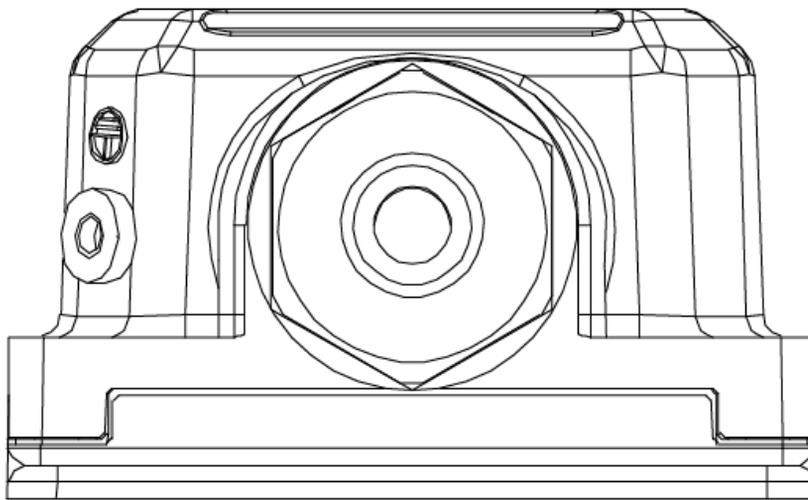


## LED indicator

LED	Color	Function
PWR	Green	Off: No Power supply. Light: Indicates the machine has power.
LNK	Green	Off: No device is connected to the corresponding port Light: Indicates the link through that port is successfully established at 1000Mbps.
LNK/ACT	Green	Off: No device is connected to the corresponding port Light: Indicates the link through that port is successfully established at 10/100/1000Mbps. Blink: transmitting data and power or data

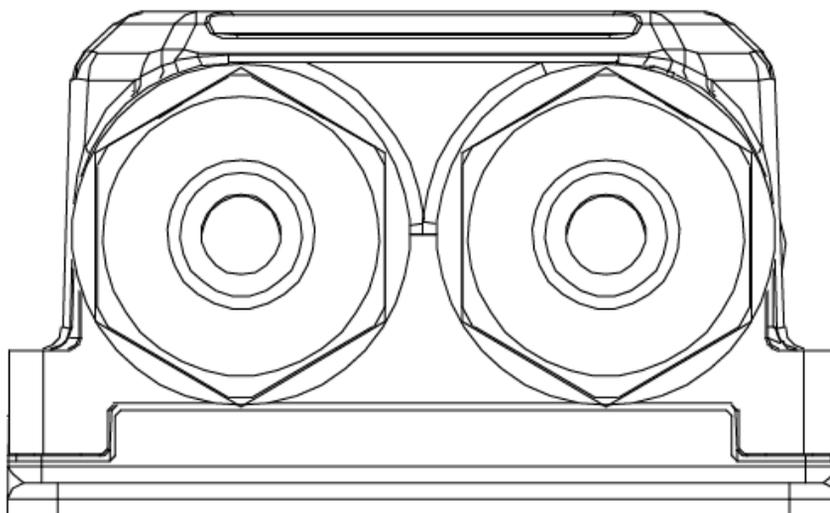
## Left Panel

Schematic diagram of left panel: input port (DC In) and grounding column, (line diameter 5.5mm).



## Right Panel

Schematic diagram of right panel: the output port (Data out)RJ45 port requires the use of standard network cate5 cable (RJ45 cable Line diameter 5.5mm), SFP port requires the use of standard( fiber cable Line diameter 1.7mm-3mm)



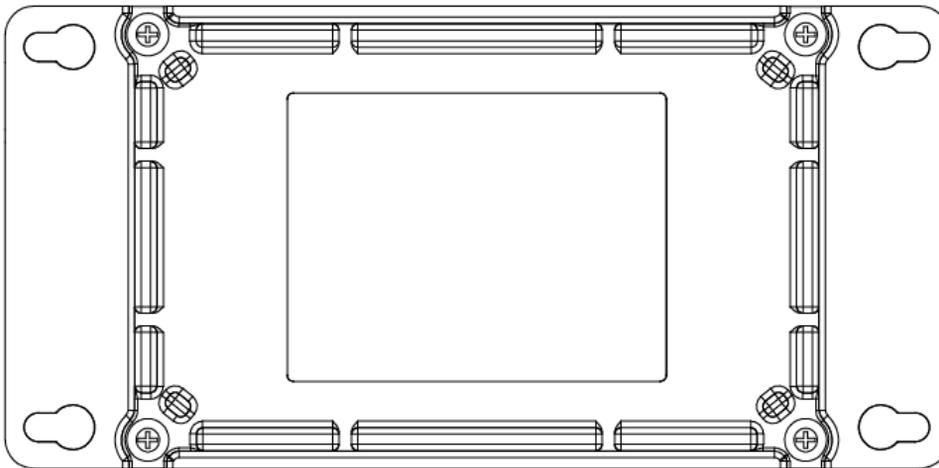
## Installation

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.

- The nuts of the waterproof joint should be tightened in full fit with the joint's thread and fit to the hexagon plane, otherwise it is easy to get water and damage the machine;
- Do not place the machine on an unstable case or desk. The machine might be damaged severely in case of a fall;
- Make sure that the operating voltage is the same one labeled on the machine;
- Do not open the chassis while the machine is operating or when electrical hazards are present to avoid electrical shocks.

## Desktop Installation

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

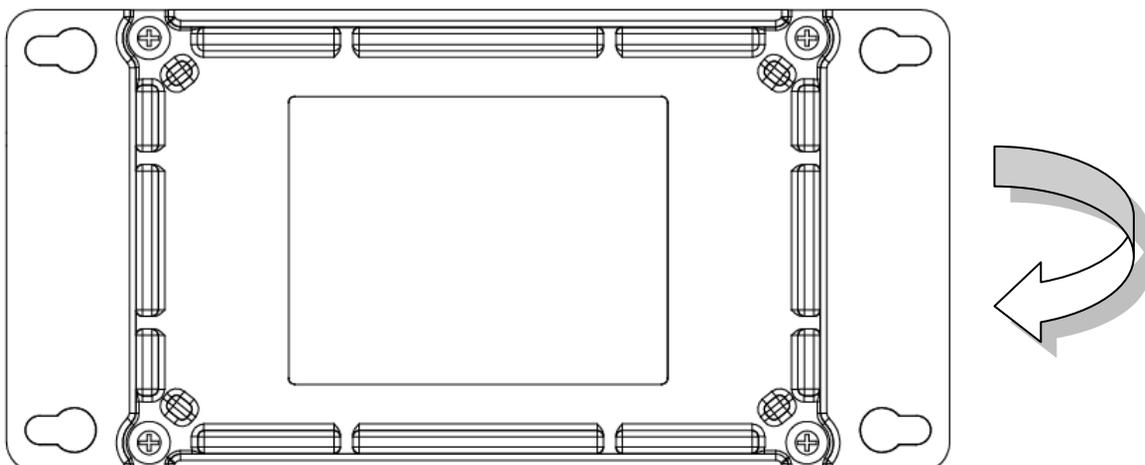


## Wall-mounted installation

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.



## Specifications

Model	1-Port Gigabit+1G SFP waterproof Media conver
Port	1*10/100/1000Mbps The RJ45 port through consultation 1x1000Mbps SFP 1DC IN
Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3af, IEEE802.3at, IEEE802.3x
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) 1000Base-X: MMF or SMF SFP mode
Dimensions (L*W*H)	150*73*44MM
Input Voltage	DC 24-56V
PoE power output	Max.30W
PSE Power on RJ-45	Anode1/2 Cathode3/6
Temperature	Operating Temperature: -20° C ~ 60 ° C Storage Temperature: -40 ° C ~ 80 ° C
Humidity	Operating Humidity: 10% ~ 90% non-condensing Storage Humidity: 5% ~ 90% non-condensing
Waterproof rate	IP67
Hazardous rating	IK10