AVYCON®

AVN-PO-SPTEXT-1T2

2-PORT GIGABIT WATERPROOF PoE
SPLITTER / EXTENDER
QUICK START GUIDE

Package Contents

Check the following contents of your package:

• PoE Splitter / Extender x 1
• User Guide x 1
• Wrench x 1
• Accessories (water joint)

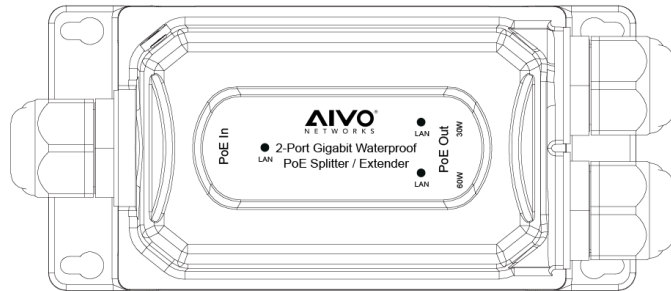If any part is lost or damaged, please contact your local agent immediately.

Introduction

This Product is a Gigabit IP67 Waterproof PoE Splitter / Extender independently developed by our company. It supports one RJ45 (PD) port in and 90W input (IEEE802.3bt). Two ports have PoE function, each supporting up to 30W output, without configuration, plug and play.

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

Hardware Description

Front Panel

The front panel is composed of a PoE output port, input port, and relevant indicator, as shown below:
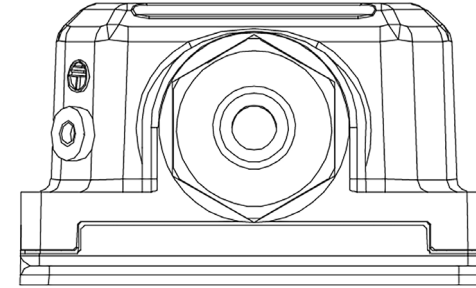

LED indicator

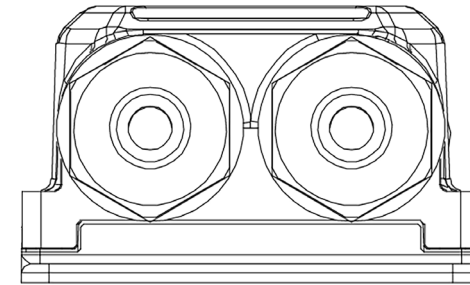| LED	Color	Function
LAN	Green	Off: No device is connected to the corresponding port. Light: Indicates the link through that port is successfully established at 10/100/1000Mbps. Blink: transmitting data and power.

Left Panel

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

Right Panel

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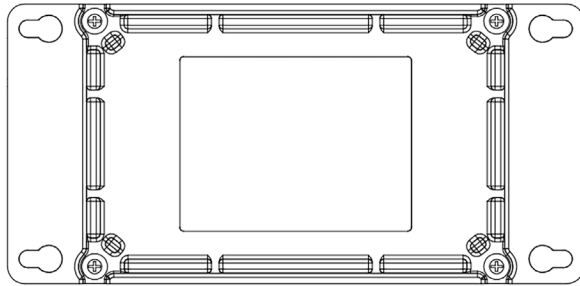

Installation

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

• 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.
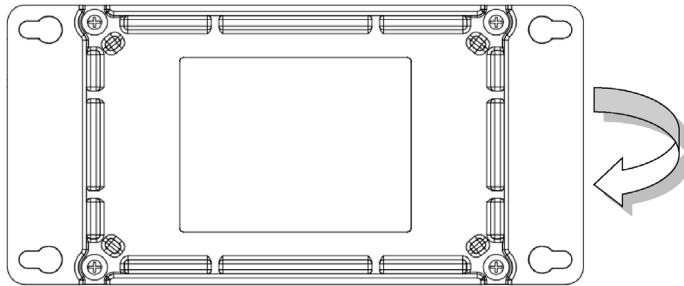
Desktop Installation

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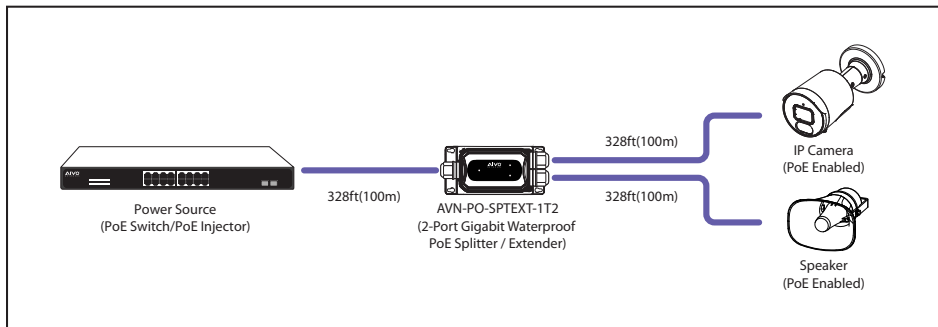

Wall-mounted Installation

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

Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x, IEEE802.3af, IEEE802.3at, IEEE802.3bt
Port	PoE in port: 1*10/100/1000Mbps RJ45 port PoE out port: 2*10/100/1000Mbps RJ45 port
Network Media (Cable)	10BASE-T: UTP category 3, 4, 5 cable (100m) 100BASE-TX: UTP category 5, 5e cable (100m) 1000BASE-TX: UTP category 5e cable (100m)
LED	LAN
PoE Standard	IEEE802.3af/at/bt
Dimensions	5.9 x 2.8 x 1.7in (150 x 73 x 44mm)
RJ45 PoE	Anode3/6 Cathode1/2 and Anode4/5 Cathode7/8
PoE Port	2
Power Supply	PoE
PD Port Input	90W
PoE Power Output	Per port 48-55V DC Port1: 60W Max Port2: 30W Max
Operating Temperature	-4°F ~ 140°F (-20°C ~ 60 °C)
Storage Temperature	-40°F ~ 176°F (-40 °C ~ 80 °C)
Operating Humidity	10% ~ 90% non-condensing
Storage Humidity	5% ~ 90% non-condensing
Surge protection	Differential mode±2KV, Common mode±4KV
MTBF	>50000 hour
Electrostatic Standard	Contact ±6KV, Air ±8KV
Weather rating	IP67
Vandal Proof	IK10

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