

## Package Contents

### Check the following contents of your package:

- PoE Splitter (Tape terminal) x1
- User Guide x1
- DC-DC Power Cable x1

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

# User Guide

## 95W PoE Splitter

### 1. Introduction

The 95W PoE Splitter will work with any Power Sourcing Equipment(PSE) that also supports the 802.3at/af standards.

PoE (Power over Ethernet) technology allows the existing Ethernet infrastructure to transmit electrical power, along with data, to remote IP endpoints over the Ethernet cables, which can greatly save the cost of the external power cables. Your network can benefit from PoE technology for it will ensure the normal working status of your network while keep the existing Ethernet infrastructure secure.

### Features

- Complies with IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3af, IEEE802.3at , IEEE802.3bt Standards;
- Data and power carried over the same cable;

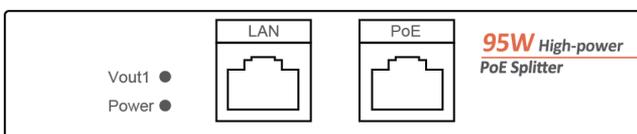
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- Support Plug-and-play for the devices, without any configuration;
- PD voltage input range 36~57V, power 95W;

## 2. Product Outlook

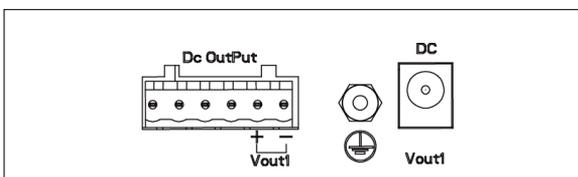
### Front Panel

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



PoE: connect to the PSE or PoE Injector with a UTP cable.

LAN: Connect to the Ethernet device with CAT5 UTP cable to transmit data.



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## 3. Installation the Switch

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

### 3.1 Notice the matters

- Before cleaning the switch, unplug the power plug of the switch first. Do not clean the switch with wet cloth or liquid;
- Do not place the switch near water or any damp area. Prevent water or moisture from entering the switch chassis;
- Do not place the switch on an unstable case or desk. The switch might be damaged severely in case of a fall;
- Ensure proper ventilation of the equipment room and keep the ventilation vents of the switch free of obstruction;
- Make sure that the operating voltage is the same one labeled on the switch;
- Do not open the chassis while the switch is operating or when electrical hazards are present to avoid electrical shocks;

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### 3.2. Installation environment

- Before the installation, should first confirm that there is a suitable working environment;
- Installation requirements;
- Avoid direct sunlight, away from the heat source or strong electromagnetic interference;
- Check cable and connector according to reasonable configuration requirements, the cable (<100m);
- The product does not provide installation component: screws, nuts and other installation tools;
- Power requirements: PD voltage input range 36~57V, power 95W;
- Working temperature of -40°C ~ 75 °C ; relative humidity is 5% ~ 95%;

### 3.3 Installation

This section describes how to install the Gigabit PoE switch and make connections to it ,please read the following topics and perform the procedures in the order being presented

#### 3.3.1 DIN-rail mounting

Adopt the 45mm standard DIN card rail type installation, Check

whether the DIN-rail rail mounting tool accessories (this product has supplied installation fittings) check whether the DIN rail is firm .

Figure:



The DIN card into the DIN rail rail connector, check and confirm the product reliable installation to DIN rail

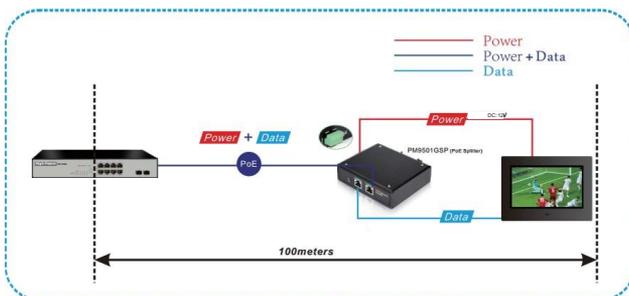


## 4. Connecting the PoE Splitter

You can use 95W PoE Splitter with PSE to expand your network to where there are no power lines or outlets, where you wish to fix devices such as APs, IP Cameras or IP Phones, etc. The following steps will tell you how to connect the PoE Splitter correctly.

1. Use a UTP cable to connect a PoE port of the PSE (ex. PoE Switch) to the PoE port.
2. Connect the LAN port to the Ethernet device with UTP cable for data transmitting.
3. Connect the DC(Vout1) port to the power port of the same Ethernet device with the provided power cable.

The topology of this network is as follows :



## 5. Technical specifications

Model	95W PoE Splitter
Standard	IEEE802.3, IEEE802.3u, IEEE802.3az, IEEE802.3x, IEEE802.3af, IEEE802.3at, 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)	120 * 100 * 32 mm
LED	Vout1(green), Power ( green )
Power on RJ45	RJ45 Pin : 4/5(+)/7/8(-) and 1/2(+)/3/6(-) Data Pairs 1/2 and 3/6, 7/8and 4/5
Power Output	DC Jack output: 12V/6A(Max) terminal Vout1: 12V/6A(Max)
Temperature	Operating Temperature:-40 °C ~ 75°C (-40 °F ~167°F) Storage Temperature: -40 °C ~ 80 °C (-40 °F ~176°F)
Humidity	Operating Humidity: 10% ~ 90% non-condensing Storage Humidity: 5% ~ 90% non-condensing