Industrial Single-Port 10M/100M/1000M/2.5Gbps 802.3bt PoE++ Splitter

Quick Installation Guide

Packing List

Please check the following items after unpacking, if any missing, please contact your local dealer.

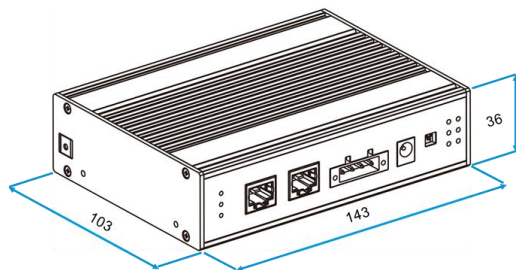| Items	Quantity
Splitter	1
Mounting Accessory	1
Quick Installation Guide	1

Product Overview

This product is Industrial Single-Port 10M/100M/1000M/2.5Gbps 802.3bt PoE++ Splitter.

It can convert standard IEEE 802.3bt PoE++ up to 90W input power to 5/9/12/20/24V up to 60W DC power output. By adopting the device, it has no need to deploy power sockets and will reduce the cost of wiring and installation, designed to solve the issue of the difficulty in finding power outlets in outdoor places. Being able to operate under wide temperature range from -40 to 75 degrees C, it can be placed in almost any difficult environment.
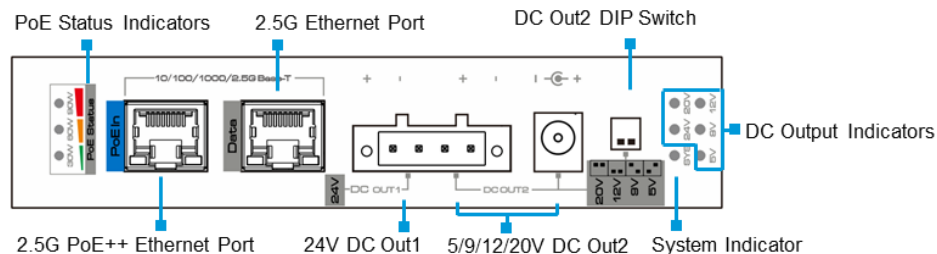
It is designed with metal shell and 6kV ESD capability. It is suitable for either DIN rail or wall mounting, can be widely used as power supply for IPC, AP and other equipment. It also supports function expansion of network transmission.

Appearance

Dimensions (mm)

Front Panel

Indicator

Indicator	Status	Description
PWR indicator	Solid green	The power is on.
	Off	The power is off.
PoE status indicator	90W solid red	The PoE input is 60-90W.
	60W solid orange	The PoE input is 30-60W.
	30W solid green	The PoE input is 0-30W.

DC Output2 DIP Switch

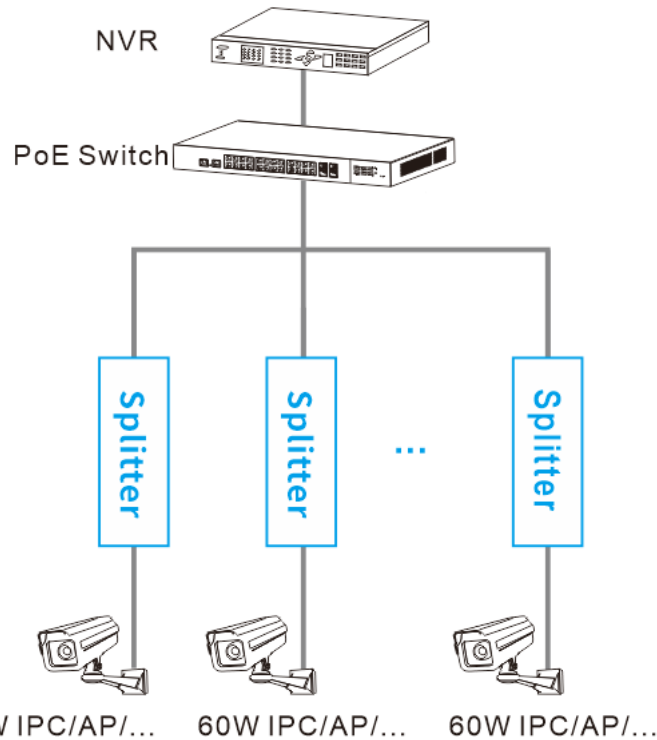| DIP Status	Description
	The DC Output2 is 20V.
	The DC Output2 is 12V.
	The DC Output2 is 9V.
	The DC Output2 is 5V.

Caution

Please find the following solution when the device doesn't work. Please confirm if the installation is correct:

- Please confirm if the RJ45 cable order complies with the EIA/TIA568A or 568B industry standards.
- Please do not connect the network device which consumption exceeds the maximum output consumption of the port.
- Please replace the failure device with a normal one to check if the device is broken.
- If the problem still exists, please contact the factory.

Installation

1) Turn off the system's power before the installation.
2) Connect the data Port of the Splitter with IP Camera. And connect PoE Splitter to IP Camera with DC power cable. Then connect the PoE Port of the Splitter with switch.

Applications

Specifications

Items	
Hardware specifications	
Interface	1*10M/100M/1000M/2.5GBase-T PoE++ RJ-45(Auto-MDI/MDI-X)
	1*10M/100M/1000M/2.5GBase-T RJ-45(Auto-MDI/MDI-X)
DC Output Connector	DC output1: 2-PIN plug connector
	DC output2: 2-PIN plug connector or DC connector
DC Output Specifications	DC output1: 24V DC@2.5A DC output2: 5V DC@5A, 9V DC@5A, 12V DC@5A, 20V DC@3A, Support over current protection, short circuit protection 72W max output for whole device(DC1 + DC2)
Power Consumption	≤4.1W (No Loading)
LED Indicator	1*SYS, system indicator
	3*PoE status indicators
	5*DC output status indicators
Dimensions (L*W*H)	143mm*103mm*36mm
Material	Metal shell
Color	Black
PoE	
PoE Standard	IEEE 802.3af/at/bt(PD)
PoE Pin Assignment	3/6/4/5(+), 1/2/7/8(-)
PoE Budget	90W max
Reliability	
ESD	IEC61000-4-2, Level 3: Contact Discharge: ±6kV, Air Discharge: ±8kV
Surge	IEC61000-4-5, line to earth: 6kV
Operating	-40°C~75°C, 5%~95%(Non-condensation)
Storage	-40°C~85°C, 5%~95%(Non-condensation)