2 CH Passive PoE Injector

DC Boost 12/24-->48V

User Manual

1 Introduction

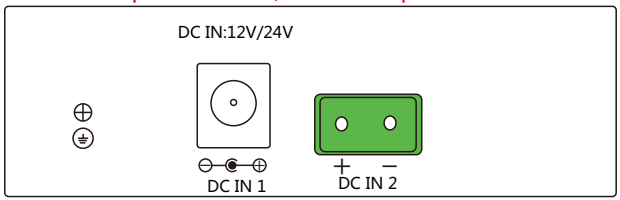
The PoE Injector is 12/24V to 48V Gigabit PoE injector ,that it isflexible and convenient to be powered by DC connetor and Terminal block as redundant dual-input design.

2 Features

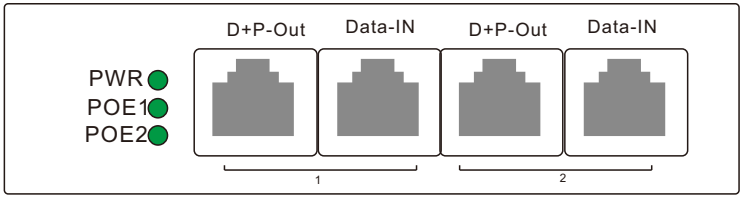
- +/-12V DC input; 48V Passive PoE output
- Supports 100/1000 Base-T applications
- Power-in/Power-out LED display
- Easy plug-and-play installation
- Dual input power (DC Jack(2.1/5.5) or Terminal block(5.08))
  2 input methods, select 1 input

3 Hardware Description

2 input methods, select 1 input



Special Note: Terminal block can not be reversed



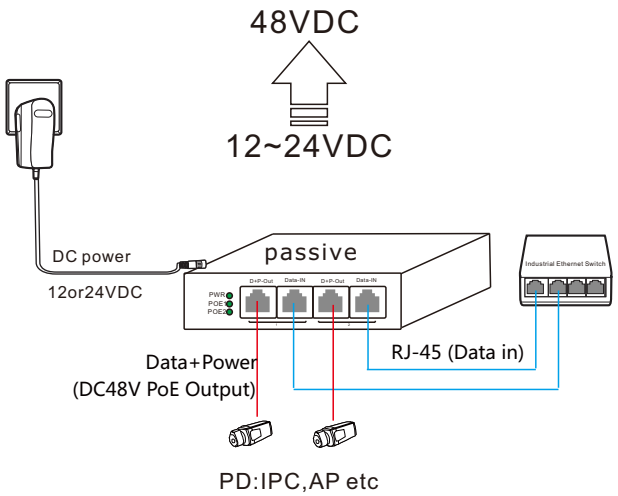
DATA IN:
Connect to the Ethernet device with CAT5 UTP cable to transmit data.

D+P -OUT (PoE) **:**
Connect to the device with UTP cable to supply power

4 Application

Special attention:

Please connect the PD that meets the requirements (RJ-45 supports DC48V input), otherwise it may cause damage to the product,Pay special attention to the voltage drop and power loss due to the distance of the network cable, and choose the appropriate voltage and network cable distance.



Steps:

1.Use a CAT5 UTP cable to connect port of Ethernet device to the DATA IN port,
2. Connect DC(Power Adapter).
3.Connect the PoE OUT port to a PD with CAT5 UTP cable.

5 Specifications

Item	Description
No. of channels	2
Pass Through Data Rates	10/100/1000Mbps
Power over Ethernet Output	Pin Assignment and Polarity: 4/5(+),7/8(-)
	Output Power Voltage: 48VDC(RJ-45)
	RJ-45 Port-1 Power: 20W@48VDC
	RJ-45 Port-2 Power: 20W@48VDC
Input Power Requirements	DC Jack(2.1/5.5) Terminal block(5.08)
	DC Input 1 /2: DC12 @5A
	DC Input 1 /2: DC 24 @2.5A
Dimensions	119mm x90 mm x 34 mm
Indicators	DC in Power
	POE OUT
Connectors	RJ-45, EIA 568A and 568B
Special attention	Input cannot be reversed(Overcurrent)
Environmental Conditions	Operating Ambient Temperature:-20~70℃
	Operating Humidity:
	Maximum 90%, Non-condensing
	Storage Temperature:-35~75℃
	Storage Humidity:
	Maximum 90%, Non-condensing