Industrial POE Injector User Manual

Model : E-IESH-PI-1501G-R

FEATURES

- **Protocol:**
  IEEE802.3 10/100/1000M
- **Ports:**
  1 10/100/1000M RJ45 port and
  CAT5 cable is used
- **PoE Ports:**
  1 10/100/1000M PoE port 30Watts
- **Input Voltage:**
  12-55VDC Redundant Power
- **PoE Mode:**
  Mode A: Pin 1+2+3-6- Mode B: Pin 4+5+7-8-
- **PoE Standard**:
  IEEE802.3af and IEEE802.3at
- **Size:**
  26mm (W) x 95mm (H) x 75mm (D)
- **Weight:**
  0.276KG
- **Operating Temperature:**
  -10℃~65℃
- **Humidity:**
  5%~95%, No Condensation

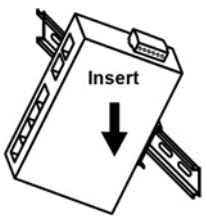
LEDS

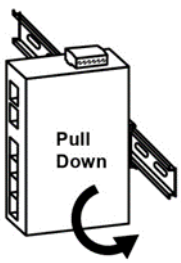
LED	Color	Description	
PWR	Green	On	Power input 1 or 2 is active
		Off	Power input 1 and 2 is inactive
PoE	Green	On	The port is supplying power to the powered device
		Off	No powered device attached or power supply fails

DIN-Rail Mounting

Follow the steps below to mount the industrial PoE injector using the pre-installed DIN-Rail bracket:

Step 1. Insert the top of the DIN-Rail on to the track.
Step 2. Lightly pull down the bracket on to the rail.
Step 3. Check if the bracket is mounted tightly on the rail.
Step 4. To remove the industrial PoE injector from the rail, perform Steps 1~3 in reverse.

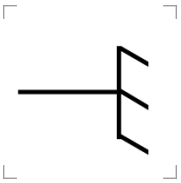




Power Connection Diagram

Connecting the grounding cable

Grounding and wire routing help limit the effects of noise due to electromagnetic interference (EMI). Run the ground connection from the ground screw to the grounding surface prior to connecting devices. The grounding screw symbol is shown blow.

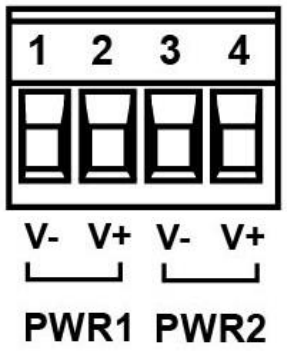


Caution: Using a shielded cable achieves better electromagnetic compatibility.

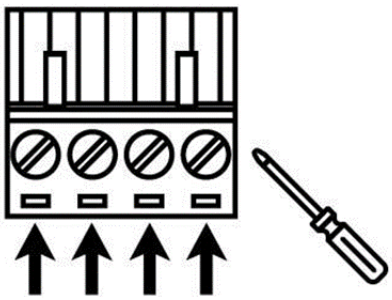
Wiring the Power Input

Caution: Use the four twisted-pair, category 5e, or the above cabling for RJ-45 port connections. The total length from the device A through the injector to the device B must not exceed 100 meters.
Please follow the below steps to insert the power wire.

Step 1 Insert the positive and negative wires into the PWR1 (V1+, V1-) and PWR2 (V2+, V2-) contacts on the terminal block connector as shown below.



Step 2 Tighten the wire-clamp screws to prevent the wires from loosening, as shown below



Caution: Only use copper conductors, 125°C, tighten to 7 in-lbs (0.79 Nm). The wire gauge for the terminal block should range between 18~20 AWG.