Industrial Unmanaged POE Switch User Manual

5 Port PoE Model : E-IESH-POE-1005G-T-R

8 Port PoE Model : E-IESH-POE-1008G-T-R

FEATURES

- **Protocol:**
  IEEE802.3 10/100/1000M
- **Ports:**
  5 port PoE: 5 10/100/1000M RJ45 ports
  8 port PoE: 8 10/100/1000M RJ45 ports
- **PoE Ports:**
  5 Port PoE: Port 1-4 30Watts per PoE port
  8 Port PoE: Port 1-8 30Watts per PoE port
- **Input Voltage:**
  44-57VDC Redundant Power
- **PoE Mode**
  Pin 1, 2, 3, 6 Mode A PoE
- **Power Cable**
  18-20AWG

- **PoE Standard**:
  IEEE802.3af and IEEE802.3at
- **Size:**
  5 port PoE: 30mm (W) x 130mm (H) x 98mm (D)
  8 port PoE: 48mm (W) x 98mm (H) x 98mm (D)
- **Weight:**
  5 port PoE: 0.55KG
  8 port PoE: 0.54KG
- **Operating Temperature:**
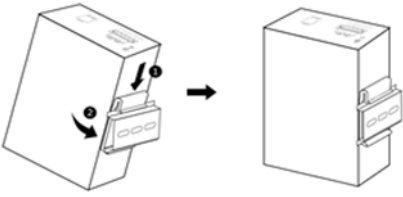 -40℃~75℃
- **Humidity:**
  5%~95%, No Condensation

LEDS

E-IESH-POE-1005G-T-R

P (Power indicator)	Green	On: Power On
		Off: Power Off
S (System POE status indicator)	Red	On: total PoE usage ≥ rated 90%
		Blinking: rated 50%＜ total PoE usage ＜ rated 90%
		Off: total PoE usage ＜ rated 50%
Link/Act (Port 1-5)	Green	On: Link On
		Blink: Data transmitting
		Off: Link Off
Link/Act (Port 5)	Yellow	On: Transmission speed 1000Mbps
		Off: Transmission speed 10/100Mps
PoE ports (Port 1-4)	Yellow	On: PoE On
		Off: PoE Off

E-IESH-POE-1008G-T-R

P (Power indicator)	Green	On: Power On
		Off: Power Off
S (System POE status indicator)	Red	On: total PoE usage ≥ rated 90%
		Blinking: rated 50%＜ total PoE usage ＜ rated 90%
		Off: total PoE usage ＜ rated 50%
Link/Act (Port 1-8)	Green	On: Link On
		Blink: Data transmitting
		Off: Link Off
PoE ports (Port 1-8)	Yellow	On: PoE On
		Off: PoE Off

DIN-Rail Mounting

(1) As shown in below figure, please position the switch for the spring of the DIN rail mounting bracket and compresses against the upper edge of the DIN rail.
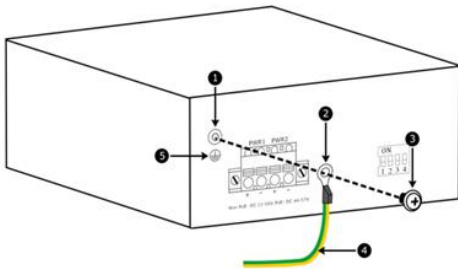(2) Rotate the switch down toward the DIN rail until the DIN rail mounting bracket clicks.

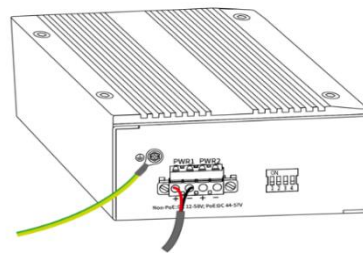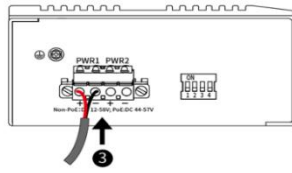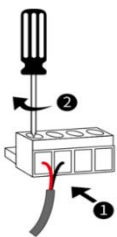# Power Connection Diagram

Connecting the grounding cable

⚠️**WARNING!** Correctly connecting the grounding cable for the switch is crucial to lightning protection and EMI protection.
(1) Remove the grounding screw from the switch.
(2) Use the grounding screw to attach the ring terminal of the grounding cable to the grounding screw hole. Fasten the screw.
(3) Connect the other end of the grounding cable to the grounding system.

> 1 . Grounding screw hole   2. Ring terminal of the grounding cable   3. Grounding screw
>
> 4.   Grounding cable   5. Grounding sign

Connecting a DC power cord

CAUTION: To avoid connection mistakes, identify the positive (+) and negative (-) marks above the DC power receptacle for the terminal block connection.

Installation procedure as follows：

(1) Make sure the power supply off.

(2) Correctly connecting the grounding cable for the switch (See above section of connecting the grounding cable).

(3) Connect the DC power to the positive(+) and negative(-) of the terminal block (red cord connect "+", black cord connect "-"), then fasten the screws through the screw-drive. Shown on the below figure.

(4) Turn on power supply and check the power indicator on the front panel of the device. If the power indicator is on, the power supply is working normally.

DIP Switch Setting

Mode	Model	Description
DIP 1 Port isolation	E-IESH-POE-1005G-T-R	On: Port 1-4 separates and restricts communication between different ports on the same switch to enhance network security and privacy protection. (Port 5 is not isolated from other ports)
	E-IESH-POE-1008G-T-R	ON: Port 1-7 separates and restricts communication between different ports on the same switch to enhance network security and privacy protection. (Port 8 is not isolated from other ports)
DIP 2 250m Long distance	E-IESH-POE-1005G-T-R	On: The 250m long distance mode only apply to port 1 to 2 and these port speed will drop to 10Mb.
	E-IESH-POE-1008G-T-R	ON: The 250m long distance mode only apply to port 1 to 4 and these port speed will drop to 10Mb.
DIP 3 QoS	E-IESH-POE-1005G-T-R	ON: Priority forwarding traffics on port 1 and 2. Port based QoS.
	E-IESH-POE-1008G-T-R	
DIP 4 PoE watchdog	E-IESH-POE-1005G-T-R	ON: Check PD alive. Automatically reboot frozen PD devices.
	E-IESH-POE-1008G-T-R	