



RP-IPJ811-95W

95W Industrial Gigabit PoE+ Injector

The RP-IPJ811-95W a high power single port Industrial POE Injector provides PoE power budget up to 95W. The device supports 10/100/1000Mbps data transmission and is powered with 48-56 Volts DC.

RP-IPJ811-95W is well suited for applications in deploying IP surveillance, WiFi AP or LoRa and for a broad range of applications. It is being rigorously tested for your Security, Transportation and Telco application in climatically demanding environments with wide temperature range from -40 to 75°C. With IP30 industrial case protection, the device provides a high level of immunity against corrosion and electromagnetic interference. RP-IPJ811-95W also allows either DIN rail or wall mounting for efficient use of cabinet

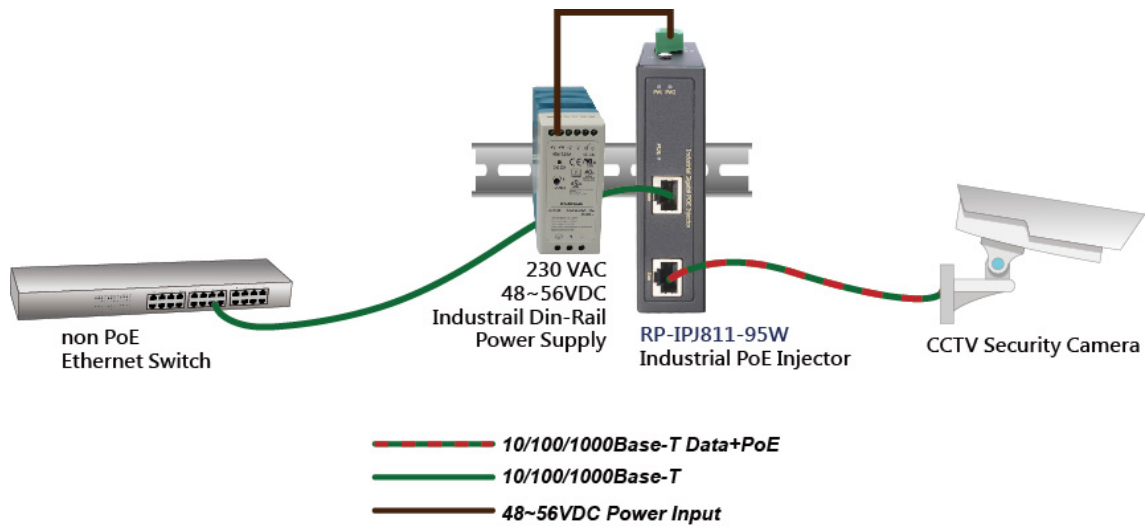
Features

- One port 10/100/1000 Base-T (Data) for connection to the Ethernet Switch
- One port 10/100/1000 Base-T PoE (Power/Data) for connection to the PoE device (PD)
- Built-in hardened POE Controller
- Built-in CPU for true 95W POE detection
- Deliver ultrahigh power up to 95Watts
- Support redundant power
- Reverse polarity protection
- Overload current protection
- IP30 Rugged Aluminum housing design
- Working in extreme environment -40 to +75°C

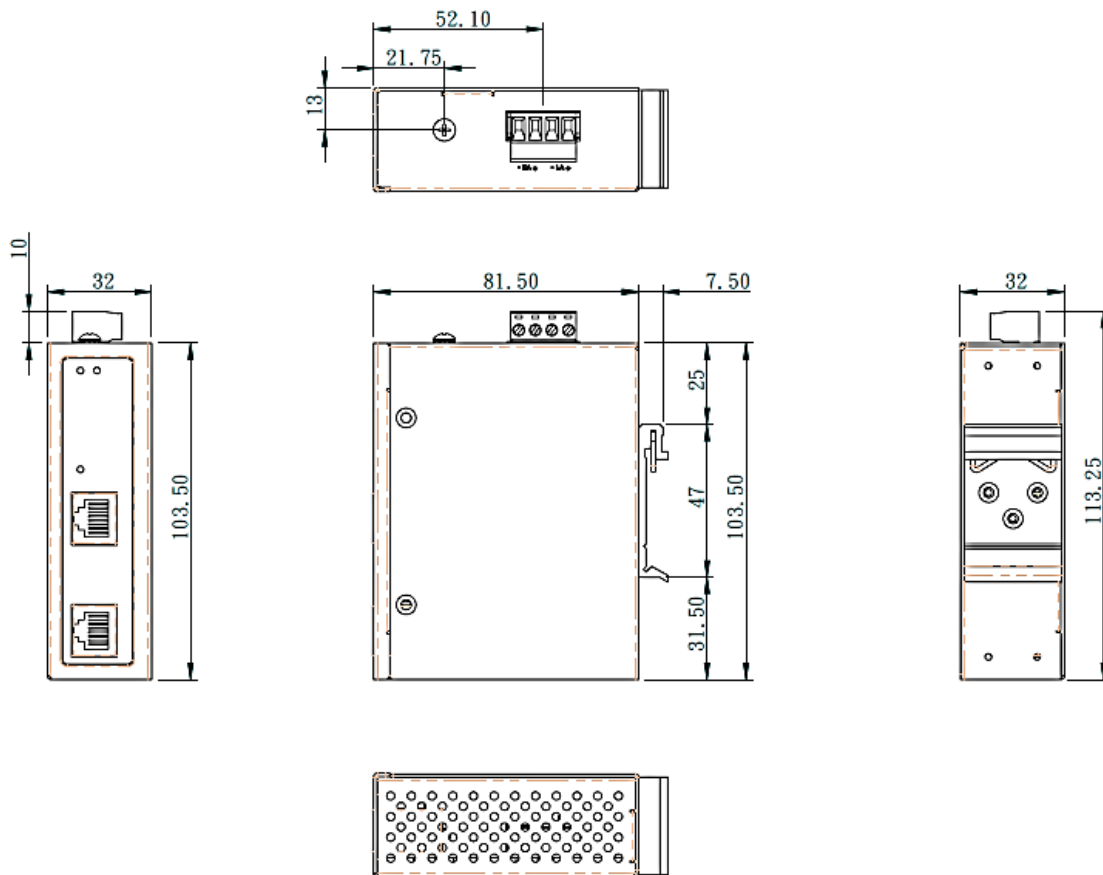
Specifications

Standards	• IEEE 802.3 10Base-T Ethernet • IEEE 802.3u 100Base-TX Fast Ethernet • IEEE 802.3ab 1000Base-T Gigabit Ethernet
Interface	• 1 x RJ-45 10/100/1000BaseT(X) Data • 1 x RJ-45 10/100/1000BaseT(X) PSE Output power
Network Cable	• UTP/STP above Cat.5e Cable, EIA/TIA-568 10-ohm (100m)
Protocol	• CSMA/CD
LED Indicators	• PW1 (Green): ON – Power is detected • PW2 (Green): ON – Power is detected • PoE: ON – 95W PSE is in active mode. OFF – PSE is in idle mode.
POE Pin Assignment	• Pin 1 (V+), 2 (V+), 3 (V-), 6 (V-) • Pin 4 (V+), 5 (V+), 7 (V-), 8 (V-)
Reverse polarity protection	• Present
Overload current protection	• Present
Power Consumption	• 1W@48 VDC full load, Without POE
Power Supply	• 2 Redundant power source • 48V-56V VDC Power Input
POE power	• Maximum POE power 95watts at 56VDC input
Removable Terminal Block	• Provide 4 pin terminal block • Wire range: 0.34mm² to 2.5mm² • Solid wire (AWG):12-24/14-22 • Stranded wire(AWG): 12-24/14-22 • Torque:5lb-In/0.5Nm/0.56Nm • Wire Strip length: 7-8mm
Environment	• Operating temperature : -40°C~75°C • Storage temperature: -40°C ~85°C • Operating Humidity: 5% to 95% (Non-Condensing)
Dimension	• 103.5 x 32 x 81.5 mm (LxWxD)
Housing	• Rugged Aluminum, IP30 Protection
Installation	• DIN Rail and Wall Mount Design
EMC/EMS	• CE, FCC
EMI	• FCC Part 15 Subpart B Class A, CE EN 55022 Class A
Safety	• IEC EN60950-1

Application



Dimension



Ordering information

RP-IPJ811-95W 95W Industrial Gigabit PoE+ Injector, 48-56VDC