



RP-IPJ811-12V

30W Industrial Gigabit PoE+ Injector

RP-IPJ811-12V is an Industrial Gigabit PoE+ Injector, provides PoE power budget up to 30W. RP-IPJ811-12V provides wide power input voltage range +12 ~ + 56Vdc, it not only boosts up Input Voltage, but also reduces the excessive heat problem

to a minimum ,and that secures equipment against unregulated voltage and makes systems safer and more reliable.

RP-IPJ811-12V is well suited for applications in deploying IP surveillance, traffic monitoring 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.

Its IP-30 standard industrial case protection allows for either DIN rail or wall mounting for efficient use of cabinet space

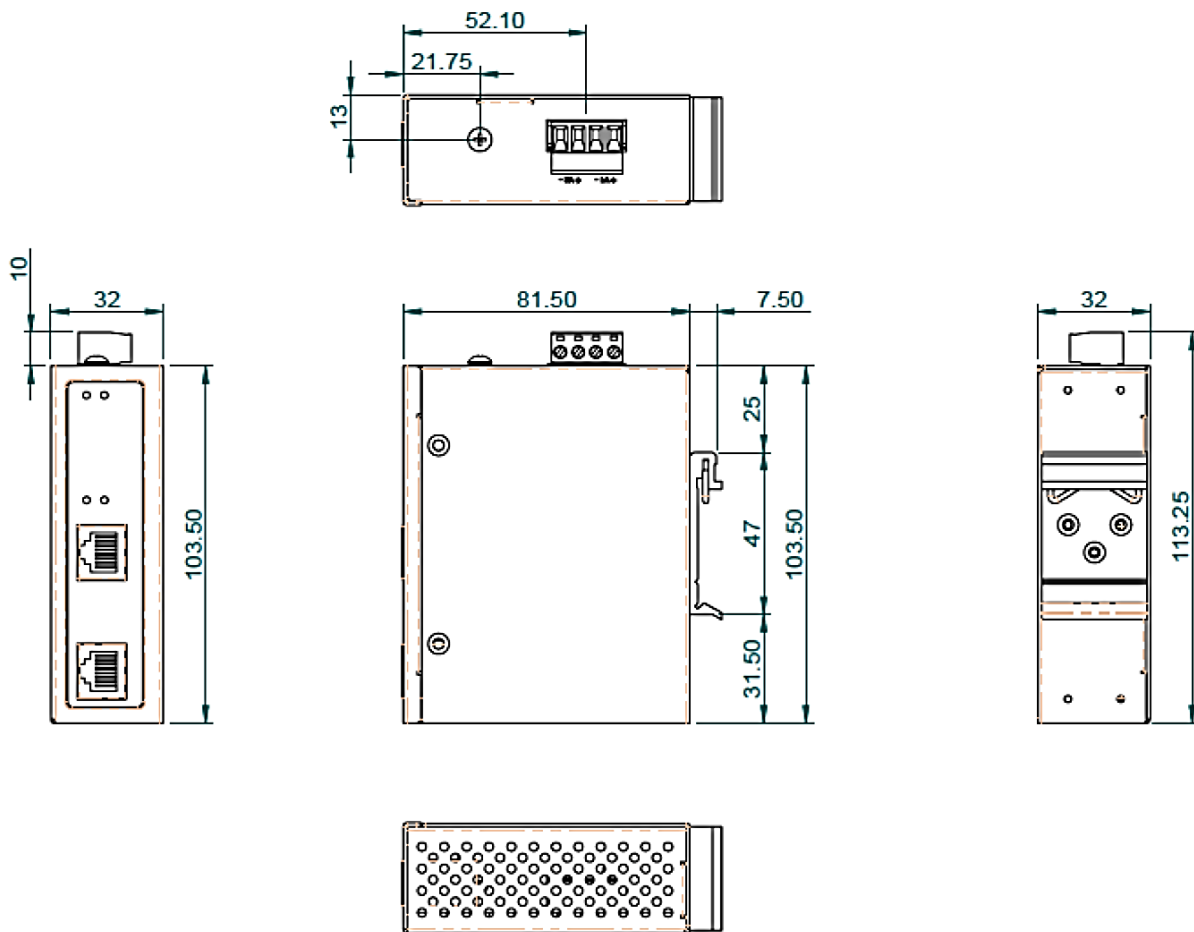
Features

- 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
- Supports 802.3af (15.4W) and 802.3at (30W) PoE Power Output
- Max total PoE power 36watts at 56VDC input
- Support dual wide range 12~56VDC power inputs for power redundancy
- Support redundant power
- Reserve polarity protection
- Overload current protection
- IP30 Rugged Aluminum housing design
- Working in extreme environment -40 to +75°C

Specifications

Standards	<ul style="list-style-type: none"> • IEEE 802.3 10Base-T Ethernet • IEEE 802.3u 100Base-TX Fast Ethernet • IEEE 802.3ab 1000Base-T Gigabit Ethernet • IEEE802.3af for POE • IEEE802.3at for POE+
Interface	<ul style="list-style-type: none"> • 1 x RJ-45 10/100/1000BaseT(X) Data • 1 x RJ-45 10/100/1000BaseT(X) PoE Output power
Network Cable	<ul style="list-style-type: none"> • UTP/STP above Cat.5e Cable, EIA/TIA-568 10-ohm (100m)
Protocol	<ul style="list-style-type: none"> • CSMA/CD
LED Indicators	<ul style="list-style-type: none"> • PW1 (Green): ON – Power is detected • PW2 (Green): ON – Power is detected • Mode A (Green): For End-Span PoE power 1,2,3,6 • Mode B (Green): Reserved
POE Pin Assignment	<ul style="list-style-type: none"> • Mode A model, V+, V+, V-, V- for pin 1, 2, 3, 6 • Mode B model, V+, V+, V-, V- for pin 4, 5, 7, 8
Reserve polarity protection	<ul style="list-style-type: none"> • Present
Overload current protection	<ul style="list-style-type: none"> • Present
Power Consumption	<ul style="list-style-type: none"> • 1 W@12/24/48 VDC full load, Without POE
Power Supply	<ul style="list-style-type: none"> • 2 Redundant power source • 12V~56V VDC Power Input
PoE power	<ul style="list-style-type: none"> • Max total PoE power 36watts at 56VDC input
Removable Terminal Block	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Operating temperature : -40°C~75°C • Storage temperature: -40°C ~85°C • Operating Humidity: 5% to 95% (Non-Condensing)
Dimension	<ul style="list-style-type: none"> • 103.5 x 32 x 81.5 mm (LxWxD)
Housing	<ul style="list-style-type: none"> • Rugged Metal, IP30 Protection
Installation	<ul style="list-style-type: none"> • DIN Rail and Wall Mount Design
EMC/EMS	<ul style="list-style-type: none"> • CE, FCC
Safety	<ul style="list-style-type: none"> • IEC EN60950-1
Stability Testing	<ul style="list-style-type: none"> • EN 60068-2-6 (Vibration), EN 60068-2-27(Shock), EN 60068-2-32(Free Fall)

Dimension



Ordering information

RP-IPJ811-12V 30W Industrial Gigabit PoE+ Injector, 12-56VDC