RP-IPS0524

Industrial 1-port Gigabit 802.3bt 90W PoE Splitter

The RP-IPS0524 is an Industrial 1-port Gigabit 802.3bt 90W PoE Splitter, designed for reliable performance in demanding environments. It features one 10/100/1000M TX port for PoE IN and one 10/100/1000M TX port for DATA OUT, efficiently splitting power and data from PoE sources.

With a PSE input range of 15W to 90W, the RP-IPS0524 provides selectable output voltages of 5VDC, 6VDC, 12VDC, or 24VDC, configurable via a DIP switch, supporting current outputs of 2.5A or 5A. It is fully compliant with 60W uPoE and 95W Power over HDBaseT (PoH) standards, ensuring broad compatibility with various PoE configurations. RP-IPS0524 excels in adaptability, functioning as a reliable PoE solution even in the absence of a DC power source.

RP-IPS0524 Its rugged design allows it to operate seamlessly in temperatures ranging from -40 to +75°C, providing a stable network connection in harsh environmental conditions. Whether utilized in industrial settings or other challenging scenarios, this PoE Splitter offers a dependable and efficient solution for powering and transmitting data over Gigabit networks.
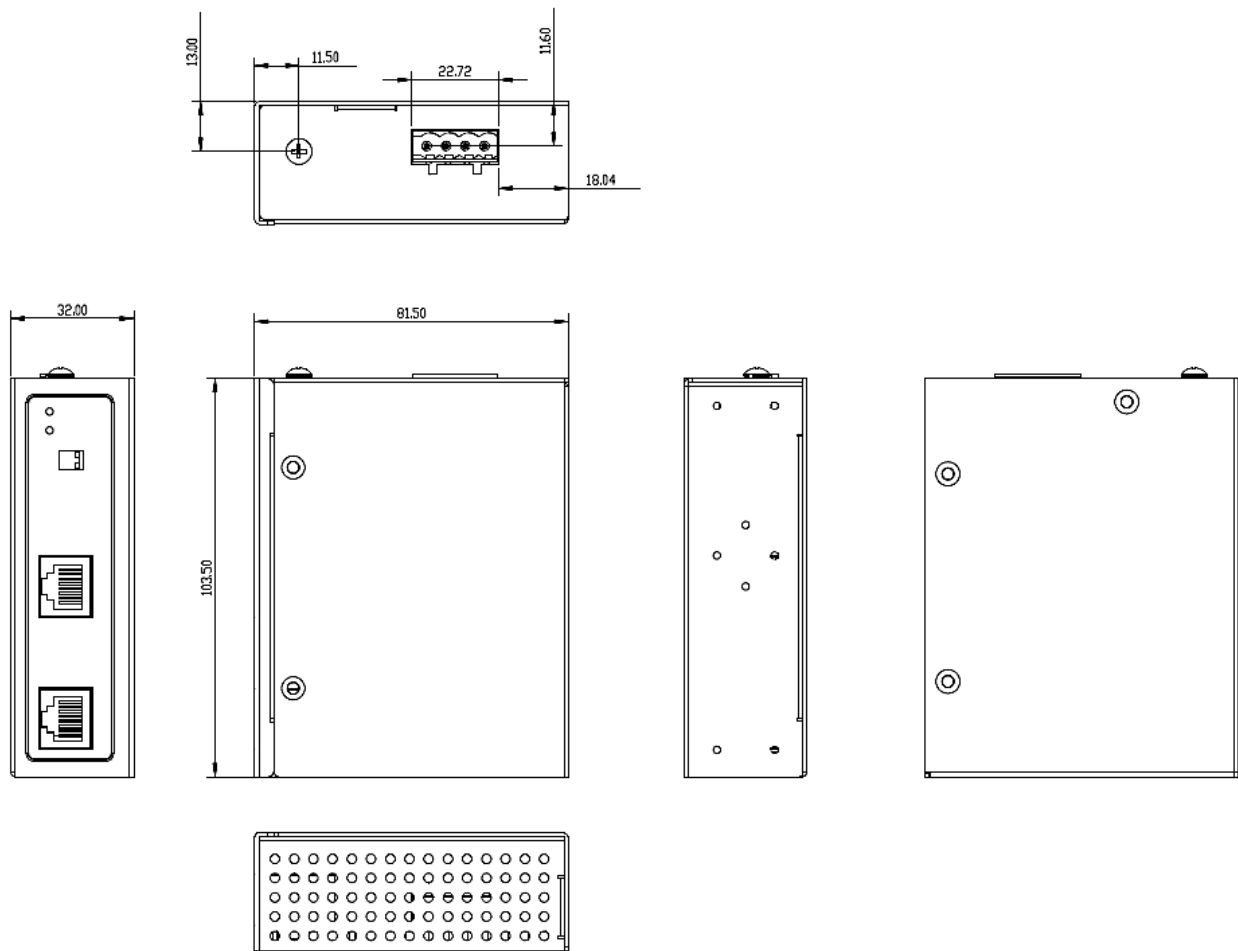
Features

- 1 x 10/100/1000M TX for PoE IN + 1 x 10/100/1000M TX for DATA OUT
- Compliant with 60W uPoE standard
- Compliant with 95W Power over HDBaseT (PoH) standard
- Output Voltage: Selectable 5VDC (5A), 6VDC (5A), 12VDC (5A) or 24VDC (2.5A) by DIP Switch (with 90W PoE input)
- Provide 4 pin terminal block for power output
- Operating temp.: -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 - IEEE 802.3af PoE, 802.3at PoE+, 802.3bt PoE++ - Compliant with 60W uPoE standard - Compliant with 95W Power over HDBaseT (PoH) standard
Interface	1 x Gigabit TX port for PoE IN 1 x Gigabit TX for Data OUT
Network Cable	UTP/STP Cat.5e or above Cable, EIA/TIA-568 (100m)
Protocol	CSMA/CD
LED Indicators	- PWR (Green) ON - Power is detected OFF - Power is not detected 802.3bt (Green) ON - PoE IEEE 802.3 bt is detected OFF - PoE IEEE 802.3 bt is not detected
DIP Switch	- PoE 90W input for DIP1/DIP2 setting: (UP / UP) 24VDC / 2.5A (default) (DOWN / UP) 12VDC / 5A (UP / DOWN) 6VDC / 5A (DOWN / DOWN) 5VDC / 5A
Overload current protection	Present
Power Consumption	1.5W
PoE Power Input	15W/30W/60W/90W PoE power input
Power Output (V1, V2)	24VDC 12VDC 6VDC 5VDC
Removable Terminal Block	- Provide 4 pin terminal block for power output - Wire range: 0.34mm^2 to 2.5mm^2 - 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 or Wall Mount
Safety	● UL 60950-1
EMC	● CE, FCC, EN 55032/35
EMI	● CISPR 32, FCC Part 15B Class A
EMS	● IEC 61000-4-2 ESD: Contact: 6KV; Air: 8KV ● IEC 61000-4-4 EFT: Power: 2KV; Signal: 2KV ● IEC 61000-4-5 Surge: Power: 4KV; Signal: 2KV
Vibration	● EN 50155 / EN 60068-2-6
Shock	● EN 50155 / EN 60068-2-27
Free Fall	● EN 50155 / EN 60068-2-32

Dimension

Ordering information

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