

RP-IPG808

8-P Gigabit Flat type Industrial PoE Switch

RP-IPG808 Industrial 8-port Gigabit PoE Flat Switch is a robust solution tailored for demanding environments. Equipped with 8 PSE ports delivering 30 watts per PoE port (a total of 200 watts), it's ideal for IP surveillance, traffic monitoring, and a wide range of applications. Its redundant dual DC power input, spanning 48V to 56V, ensures reliability, making it suitable for challenging industrial settings. The switch's convenient front access to ports, indicators, and power interfaces simplifies installation, cable management, LED monitoring, and maintenance, providing great convenience for technicians. Its unique flat design and wall-mounting capability enable seamless integration in space-limited areas, such as shallow cabinets or small enclosures.

RP-IPG808 offers three power input sources: PW1, PW2, and Power DIN, providing adaptability and power redundancy. Its industrial-hardened design withstands high vibrations and shocks, ensuring dependable performance even in harsh environments with operating temperatures ranging from -40°C to 75°C. This rugged build guarantees durability, making it a reliable choice for industrial applications. Whether mounted on DIN rail or a wall, the RP-IPG808's flexible installation options enhance its versatility and ease of use, making it a valuable asset in various scenarios.

With its powerful PoE capabilities, wide operating temperature range, and adaptable installation options, the RP-IPG808 stands as a versatile and dependable solution, designed to meet the needs of technicians and excel in challenging environments while providing power and connectivity for a variety of devices.

Features

- Supports P.S.E. based on IEEE 802.3at up to 30 Watts per port
- RJ-45 port support Auto MDI/MDI-X Function
- Store-and-Forward Switching Architecture
- Support 48~56VDC power inputs for power redundancy
- Back-plane (Switching Fabric): 16Gbps
- 1M Memory Buffer



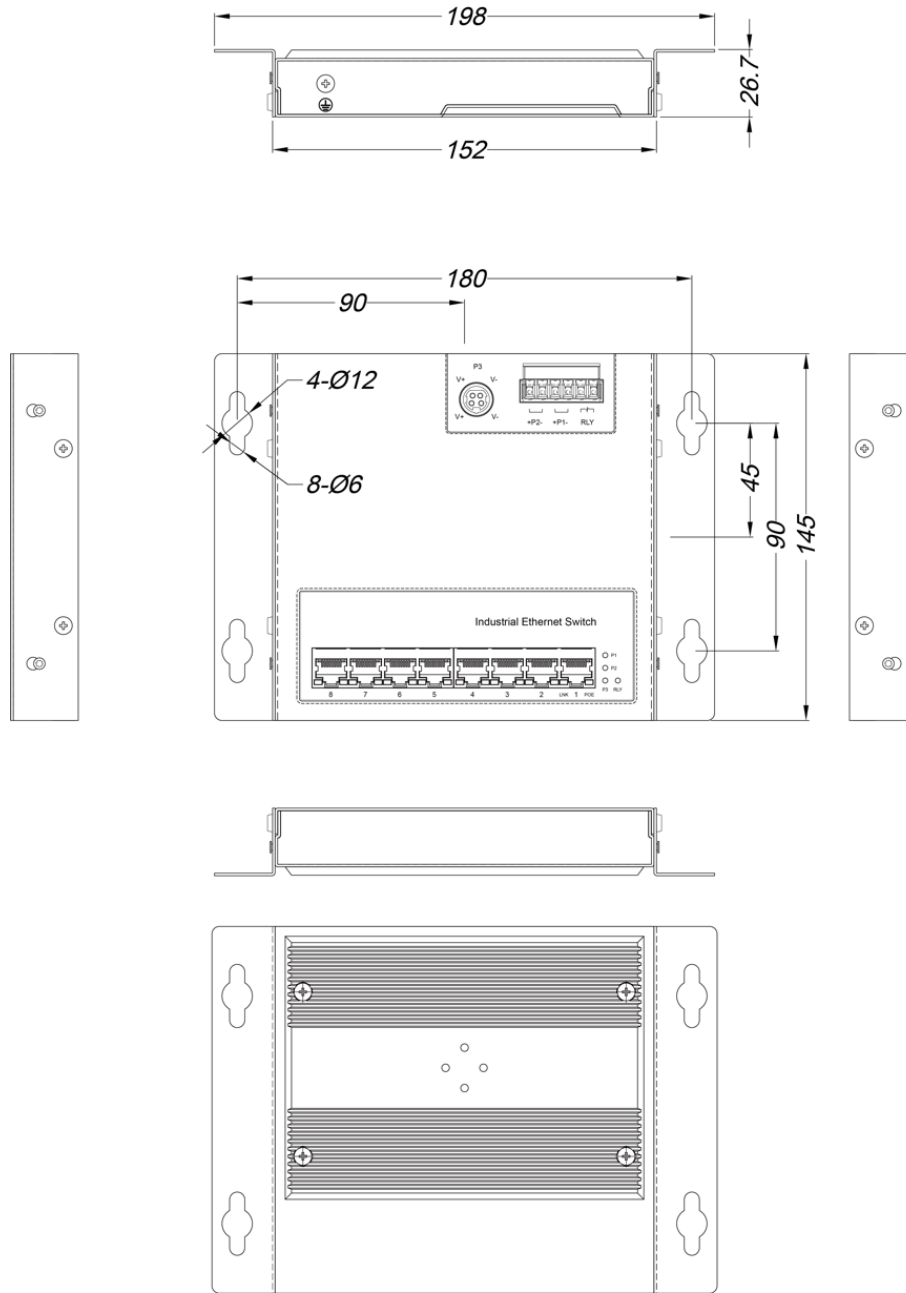
- 4K MAC Address Table
- Power Polarity Reverse Protect
- Overload Current Re-settable Fuse Present
- IP-30 Protection
- DIN Rail and Wall Mount Design
- Support Wide Operating Temperature -40°C~75°C
- 2KV surge protector for DATA port
- 2KV surge protector for PoE port

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 • IEEE802.3x Flow Control and Back Pressure, • IEEE802.3af for PoE; IEEE802.3at for PoE+
Switch Architecture	<ul style="list-style-type: none"> • Back-plane (Switching Fabric): 16Gbps
Data Processing	<ul style="list-style-type: none"> • Store and Forward
Flow Control:	<ul style="list-style-type: none"> • IEEE 802.3x Flow Control and Back Pressure
Jumbo Frame	<ul style="list-style-type: none"> • 9KB
Memory Buffer	<ul style="list-style-type: none"> • 1Mbits
Mac Address	<ul style="list-style-type: none"> • 4K MAC
Interface	<ul style="list-style-type: none"> • 8 x 10/100/1000Mbps TP Jack (RJ-45) auto negotiation, Auto MDI/MDI-X function, Full/Half duplex, 802.3af/at PoE PSE port, 30W per port
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"> • Per unit: PW1 (Green), PW2 (Green), PW3 (Green) for Power DIN, RLY (Amber) • Per port: Link/Active (Green), POE (Amber)
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"> • 4.8W@48VDC full load, Without POE
Power Supply	<ul style="list-style-type: none"> • Redundant Dual DC 48V-56V Power Input
Alarm Relay Contact	<ul style="list-style-type: none"> • Relay outputs with current carrying capacity of 1A @24VDC • Relay in open circuit mode when 2 powers are connected. in short circuit mode when only one power supply is connected
POE power	<ul style="list-style-type: none"> • POE power per port 30watts.

	<ul style="list-style-type: none"> Maximum total power 200Watts with 56VDC input, Supports IEEE802.3af/at
Removable Terminal Block	<ul style="list-style-type: none"> Provide 2 Redundant power , Alarm relay contact ,6 Pin 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
Immunity	<ul style="list-style-type: none"> 2KV surge protector for DATA port, 2KV surge protector for POE port
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"> 150 x 145 x 26.7 mm (L x W x D) 198 x 145 x 26.7 mm (L x W x D) (with brackets)
Housing	<ul style="list-style-type: none"> Rugged Metal with Aluminum Plate, IP30 Protection
Installation	<ul style="list-style-type: none"> DIN Rail Mount or Wall Mount
EMC	<ul style="list-style-type: none"> CE, FCC, EN 55032/35
EMI	<ul style="list-style-type: none"> CISPR 32, FCC Part 15B Class A
EMS	<ul style="list-style-type: none"> IEC 61000-4-2 ESD: Contact: 6KV; Air: 8KV IEC 61000-4-4 EFT: Power: 2KV; Signal: 2KV IEC 61000-4-5 Surge: Power: 2KV; Signal: 2KV
Safety	<ul style="list-style-type: none"> LVD(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-IPG808 8-P Gigabit Industrial PoE+ Flat Switch (200W)