RP-IPG808

8-P Gigabit Flat type Industrial PoE Switch

RP-IPG808 Industrial 8 port Gigabit PoE Switch complies with IEEE802.3af and IEEE802.3at.

It delivers 30watts power per PoE port and generates 200 watts power in total to PD devices, RP-IPG808 provides redundant dual DC 48V-56V power input, especially for IP surveillance, traffic monitoring and for a broad range of applications.

With its unique flat and wall-mounted cabinet design fits easily in any space-limited location, such as a shallow cabinet or a small enclosure.

RP-IPG808 provides convenient front access to ports and indicators, making the installing, cable wiring, LED monitoring and maintenance of very convenient for technicians.

RP-IPG808 accepts 3 power input source, from PW1, PW2, and Power DIN (for external power adapter).

It can be installed either DIN rail or wall mounting, makes the usage more flexible.

It can tolerate wide operating temperature ranges from -40°C to 75°C for operating under harsh environment.

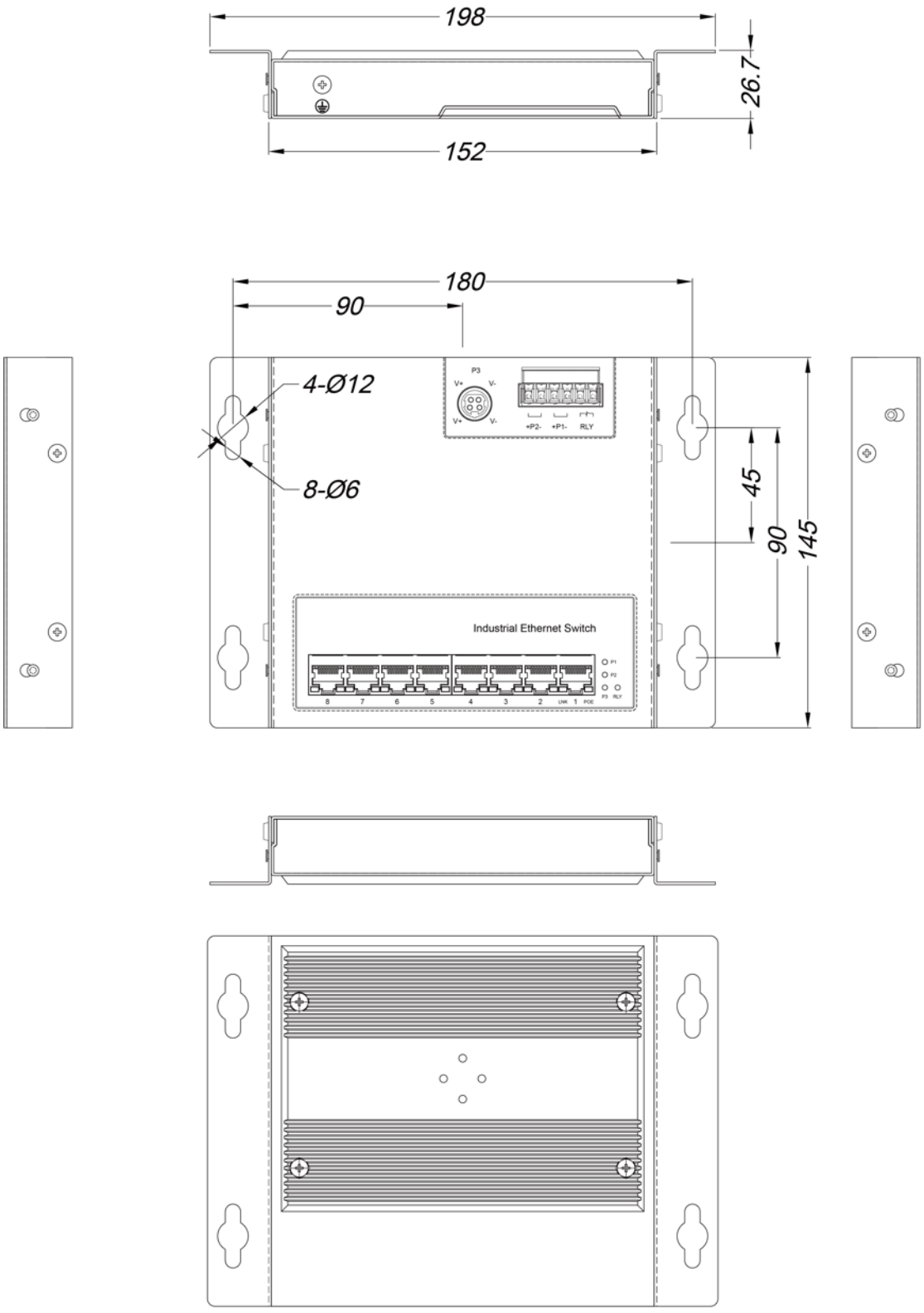
Features

- 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	● 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	● Back-plane (Switching Fabric): 16Gbps
Data Processing	● Store and Forward
Flow Control:	● IEEE 802.3x Flow Control and Back Pressure
Jumbo Frame	● 9KB
Memory Buffer	● 1Mbits
Mac Address	● 4K MAC
Interface	● 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	● UTP/STP above Cat.5e Cable EIA/TIA-568 10-ohm (100m)
Protocol	● CSMA/CD
LED Indicators	● Per unit: PW1 (Green), PW2 (Green), PW3 (Green) for Power DIN, RLY (Amber) ● Per port: Link/Active (Green), POE (Amber)
Reserve polarity protection	● Present
Overload current protection	● Present
Power Consumption	● 5.76W@48VDC full load, Without POE
Power Supply	● Redundant Dual DC 48V-56V Power Input ● PoE input 48-56VDC
Alarm Relay Contact	● 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	● POE power per port 30watts. Maximum 36Watts ● Maximum total power 200Watts with 56VDC input, Supports IEEE802.3af/at
Removable Terminal Block	● Provide 2 Redundant power , Alarm relay contact ,6 Pin ● 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
Immunity	● 2KV surge protector for DATA port, ● 2KV surge protector for POE port
Environment	● Operating temperature : -40°C~75°C ● Storage temperature: -40°C ~85°C ● Operating Humidity: 5% to 95% (Non-Condensing)
Dimension	● 198 x 145 x 23.2mm (LxWxD)
Housing	● Rugged Metal ,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

Dimension



Ordering information

RP-IPG808	8-P Gigabit Flat type Industrial PoE Switch, with External DC power DIN

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