

RP-IPG421-24V

4-P Gigabit + 1-TP/SFP combo + 1-SFP(100/1G) slot Industrial Switch W/ 4-Port PoE+



RP-IPG421-24V Industrial Ethernet switch with POE+ feature complies with IEEE802.3af and IEEE802.3at. it delivers 30watts power per POE port and generates total 120 watts power to PD devices. the uplink 2 SFP port extend your environment to a much larger area.

RP-IPG421-24V provides wide power input voltage range +18 ~ + 55Vdc for application flexibility which secure equipment against unregulated voltage and make systems safer and more reliable. With IP-30 standard industrial case protection allows either DIN rail or wall mounting for efficient use of cabinet space. Wide operating temperature range -40°C to 75°C for harsh environment

Feature

- Supports P.S.E. based on IEEE 802.3at up to 30 Watts per port
- Support dual wide range 18~55VDC power inputs for power redundancy
- SFP port supports 100Base-FX and 1000Base-X speed
- Supports auto-negotiation and auto-MDI/MDI-X
- Supports store and forward transmission
- Supports flow control
- Rigid IP-30 housing design
- DIN-Rail and wall mounting enabled

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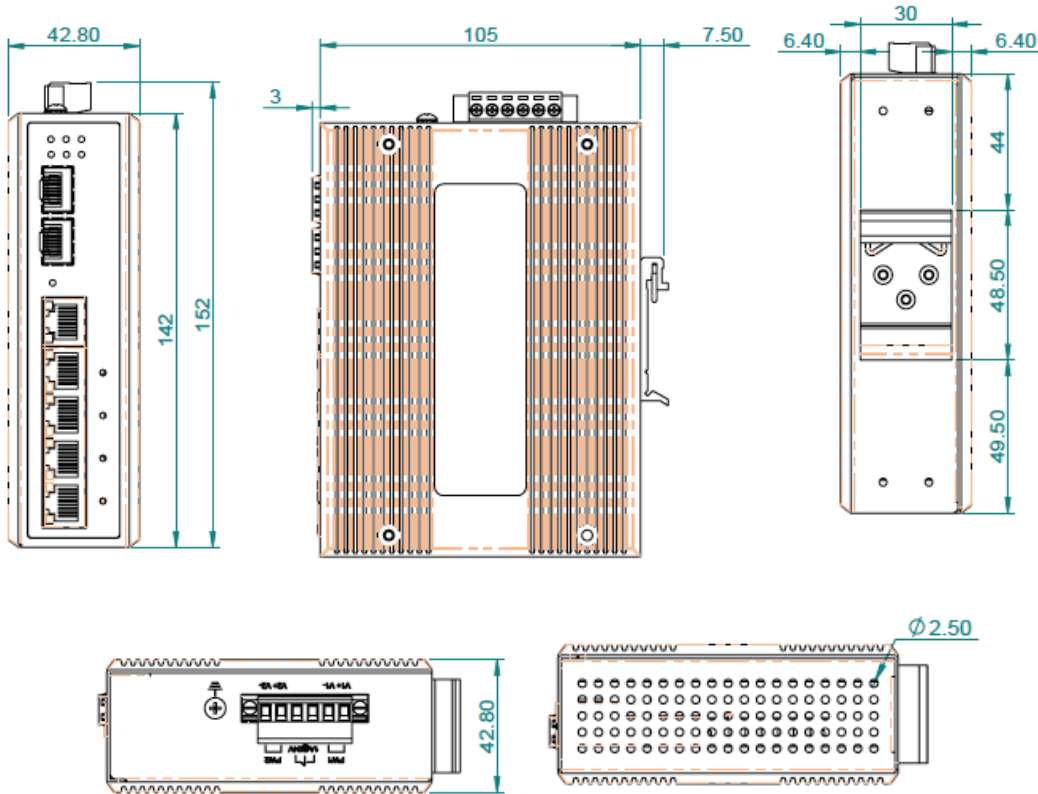
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Specification

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 ● IEEE 802.3z 1000Base-X 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): 12Gbps
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"> ● 10KB
MAC Table Size	<ul style="list-style-type: none"> ● 1K
Packet Buffer Size	<ul style="list-style-type: none"> ● 1Mbits
Network Connector	<ul style="list-style-type: none"> ● 5 RJ-45 Port: 10/100/1000BaseT(X) auto negotiation, Auto MDI/MDI-X function, Full/Half duplex ● 2 SFP slots: 100/1000M Base-X
Network Cable	<ul style="list-style-type: none"> ● UTP/STP above Cat.5e Cable
	<ul style="list-style-type: none"> ● EIA/TIA-568 100-ohm (100m)
	<ul style="list-style-type: none"> ● Fiber Cable (Multi-mode):50/125um,62.5/125um ● Fiber Cable (Single-mode): 9/125um
Protocol	<ul style="list-style-type: none"> ● CSMA/CD
LED	<ul style="list-style-type: none"> ● PW1(Power 1) Green, PW2(Power 2) Green, ERR(Fault) Amber,
	<ul style="list-style-type: none"> ● TX/RJ-45 port: LNK (Link/Active) Green, SPD(Speed) 10/100(OFF) ,1000 (Green)
	<ul style="list-style-type: none"> ● SFP Fiber Per port: Link (Green) , Active Flash
DIP Switch	<ul style="list-style-type: none"> ● DIP 1: OFF: Port 5 SFP (DEFAULT) ON: Port 5 TX ● DIP 2: OFF: SFP 1000M ON: SFP 100M
Reserve polarity protection	<ul style="list-style-type: none"> ● Present
Overload current protection	<ul style="list-style-type: none"> ● Present
Power Supply	<ul style="list-style-type: none"> ● Redundant Dual DC 18V-50V Power Input
Power Consumption	<ul style="list-style-type: none"> ● 5.52W@18/24/48 VDC, NON POE
Alarm Relay Contact	<ul style="list-style-type: none"> ● Relay outputs with current carrying capacity of 1 A @24VDC
Removable Terminal Block	<ul style="list-style-type: none"> ● Provide 2 Redundant power ,Alarm relay contact ,6 Pin
Operating Temperature	<ul style="list-style-type: none"> ● -40°C ~75°C
Operating Humidity	<ul style="list-style-type: none"> ● 5% to 95% (Non-condensing)
Storage Temperature	<ul style="list-style-type: none"> ● -40°C~85°C
Housing	<ul style="list-style-type: none"> ● Rugged Metal ,IP30 Protection
Dimension	<ul style="list-style-type: none"> ● 142 x 43 x 105mm (LxWxD)
Installation mounting	<ul style="list-style-type: none"> ● DIN Rail mounting and Wall Mounting
EMC/EMS	<ul style="list-style-type: none"> ● CE, FCC
EMI	<ul style="list-style-type: none"> ● FCC Part 15 Subpart B Class A ● CE EN 55022 Class A
EMS	<ul style="list-style-type: none"> ● EN61000-4-2 (ESD) Level 3 ● EN61000-4-3 (RS) Level 3 ● EN61000-4-4 (EFT) Level 3 ● EN61000-4-5 (Surge) Level 3 ● EN61000-4-6 (CS) Level 3

	<ul style="list-style-type: none"> • EN61000-4-8 (Magnetic Field) Level 3
Safety	<ul style="list-style-type: none"> • UL508 (Pending)
Rail Traffic	<ul style="list-style-type: none"> • EN 50121-4 (Pending)
Shock	<ul style="list-style-type: none"> • IEC 60068-2-27
Freefall	<ul style="list-style-type: none"> • IEC 60068-2-32
Vibration	<ul style="list-style-type: none"> • IEC 60068-2-6

Diagram



Ordering information

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