RP-IPG844

8-P Gigabit Industrial Ethernet Switch, w/ 4-port PoE+

RP-IPG844 is an industrial 8 port Gigabit high power POE switch providing 48-56VDC input sources. RP-IPG844 complies with IEEE 802.3af/at standards with 4 port POE PSE port to power up 15W or 30W PD.

RP-IPG844 is well suited for applications in deploying

IP surveillance, traffic monitoring and for a broad range of applications. It can be used as a stand-alone device for buses, trucks, and other vehicles for Surveillance purposes. 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.

With IP30 industrial case protection, the RP-IPG844 provides a high level of immunity against corrosion and electromagnetic interference. RP-IPG844 also allows either DIN rail or wall mounting for efficient use of cabinet space.

Features

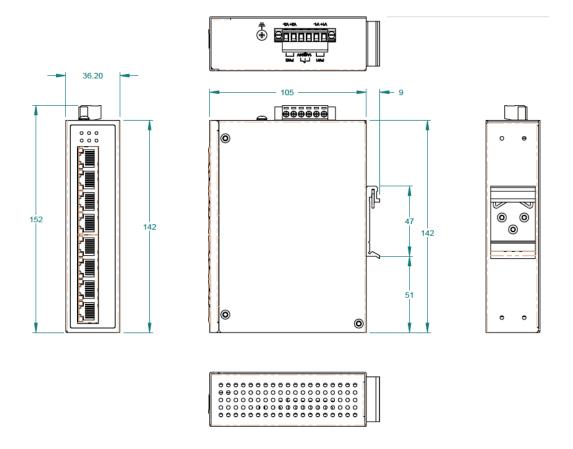
- Supports P.S.E. based on IEEE 802.3at up to 30 Watts per port
- RJ-45 port support Auto MDI/MDI-X Function
- Store-and-Forward Switching Architecture
- Support 48~56VDC power inputs for power redundancy
- Back-plane (Switching Fabric): 16Gbps
- 9KB Jumbo Frame
- 1M Memory Buffer
- 8K MAC Address Table
- 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



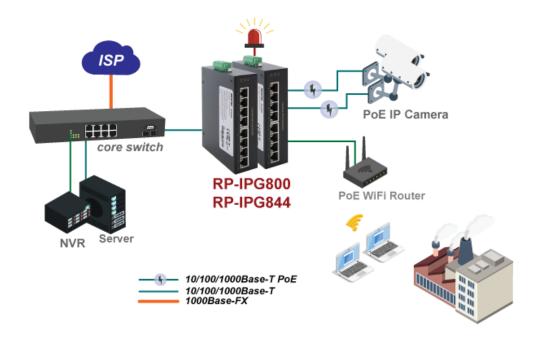
Specifications

Otavalanda	IEEE 000 0 40D T-E!!
Standards	IEEE 802.3 10Base-T Ethernet 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	• 1M
Mac Address	8K MAC
Interface	8 x 10/100/1000 Mbps TP Jack (RJ-45) auto negotiation, Auto
	MDI/MDI-X function, Full/Half duplex, with 4x 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: Power 1 (Green), Power 2 (Green), SW-relay (Amber)
	 Per port: Link/Active (Green), POE Detected (Amber)
Reverse polarity protection	Present
Overload current protection	Present
Power Consumption	5.76W@48 VDC full load, Without POE
Power Supply	Redundant Dual DC 48V-56V Power Input
Tower Supply	 Redundant Dual DC 48V-56V Power Input PoE input 48-56VDC
Alarm Relay Contact	 Relay outputs with current carrying capacity of 1A @24VDC
Alarm Relay Contact	 Relay outputs with current carrying capacity of 1A @24vbc Relay in "OPEN" circuit mode when PW1 and PW2 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 126Watts with 56VDC input, Supports
PoE power	INAXIMUM total power 126vvatts with 56vDC input, Supports IEEE802.3af/at
Removable Terminal Block	
Removable Terminal Block	 Provide 2 Redundant power , Alarm relay contact ,6 Pin Wire range: 0.34mm^2 to 2.5mm^2
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	Solid wire (AWG):12-24/14-22Stranded wire(AWG): 12-24/14-22
	 Stranded wire(AWG): 12-24/14-22 Torque:5lb-ln/0.5Nm/0.56Nm
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Environment	0 1 1 1 100 7500
Environment	
	 Storage temperature: -40°C ~85°C Operating Humidity: 5% to 95% (Non-Condensing)
Dimonoian	Operating Humidity: 5% to 95% (Non-Condensing) 142 x 26 2 x 105mm (LxWyD)
Dimension	• 142 x 36.2 x 105mm (LxWxD)
Housing	Rugged Metal ,IP30 Protection PNN Pail and Wall Mayort Project
Installation	DIN Rail and Wall Mount Design
EMC/EMS	• CE, FCC
EMI	FCC Part 15 Subpart B Class A, CE EN 55022 Class A
Safety	• IEC EN60950-1
Stability Testing	• IEC60068-2-32 (Free fall), IEC60068-2-27 (Shock),
	IEC60068-2-6 (Vibration)

Dimension



Application



Ordering information

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