



RP-IMC801FP

10/100/1000M TX to 100/1000M SFP Industrial Media Converter

This mini, rugged Industrial Gigabit media converter is designed for Security, Transportation and Telco application to expand your network distances. It can be powered by wide range of VAC , VDC or external DC power adapter . With its multi-purpose design, it can also be used for Din-Rail or wall-mounted. It is an ideal unit for IP surveillance, traffic monitoring and Security application in critical environment. It can tolerate -40°C to 75°C in harsh environment to perform a reliable network.

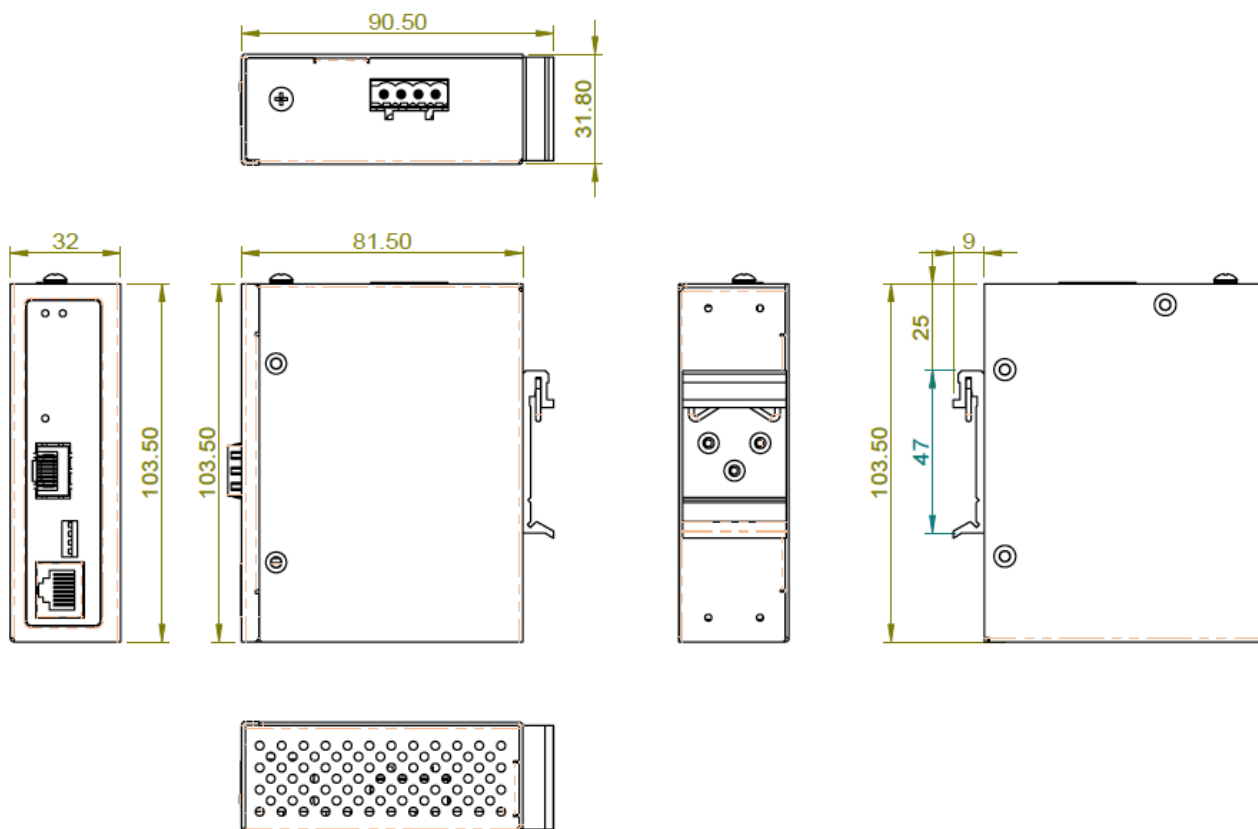
Feature

- Rugged design enclosure.
- Supports 18V-36VAC/12V-56VDC, Redundant power input
- Supports Link Fault Pass through (LFP) function
- Supports switch model and converter mode
- Adjustable SFP speed 100M or 1000M
- Surge protection diodes on power input
- ESD protection diodes on RJ-45 port
- Provides Far End Fault function on FX port
- Provides increased Noise Immunity
- Extended environmental specification -40°C to 75°C

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
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
Architecture	<ul style="list-style-type: none"> ● Full wire speed conversion ● Auto negotiation ● Full/Half duplex ● Auto MDI/MDI-X function ● Supports LFP (Link Fault Pass Through) function
MAC Table Size	<ul style="list-style-type: none"> ● 1K
Jumbo Frame	<ul style="list-style-type: none"> ● 9KB
Interface	<ul style="list-style-type: none"> ● Twisted Pair: 10/100/1000 Base-T(X) RJ-45 Distance 100 M ● Optical Fiber: SFP pluggable fiber, 100M or 1000M by adjustable dip switch
LED indicators	<ul style="list-style-type: none"> ● Power: PW1 (Green) , PW2 (Green) ● Twisted Pair: 1000M/Link/Act (Green), 100M Link/Act (Yellow) ● Optical Fiber: Link/Act (Green)
DIP Switch	<ul style="list-style-type: none"> ● Set SFP speed 100M or 1000M ● Set Enable or Disable SFP Auto-Negotiation ● Set Switch mode / Pass Through mode ● Set LFP (Link Fault Pass Through) : Enable / Disable
Power protection	<ul style="list-style-type: none"> ● Surge protection diodes on power input ● Reverse polarity protection on power input ● Overload current protection
Power Input	<ul style="list-style-type: none"> ● Redundant Power 1 and Power 2 ● 18V-36VAC or 12V-56VDC
Power Consumption	<ul style="list-style-type: none"> ● Max 3 Watts
Removable Terminal Block	<ul style="list-style-type: none"> ● 4 pin contact terminal block for power input ● Wire range : 0.34mm² to 2.5mm² ● Solid wire (AWG) : 12-24/14-22 ● Stranded wire(AWG) : 12-24/14-22 ● Wire Strip length : 7-8mm ● Torque : 5lb-In/0.5Nm/0.56Nm
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"> ● IP40 Design, high graded Aluminum
Dimension	<ul style="list-style-type: none"> ● 103.5mmx32mmx81.5mm (LxWxD)
Installation mounting	<ul style="list-style-type: none"> ● DIN Rail mounted, Panel Mounted
Safety	<ul style="list-style-type: none"> ● IEC EN60950-1
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
Vibration	<ul style="list-style-type: none"> ● EN 50155 / EN 60068-2-6
Shock	<ul style="list-style-type: none"> ● EN 50155 / EN 60068-2-27
Free Fall	<ul style="list-style-type: none"> ● EN 50155 / EN 60068-2-32

Dimension



Ordering information

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