ADD-IGMC-SFP

1 10/100/1000Base-TX(RJ-45) to 1 Open SFP Port Industrial Media Converter

Features

- All-aluminum Case, Compact and Fanless Design
- 10/100Mbps or 10/100/1000Mbps Full/Half
- Duplex, Auto-Negotiation and Auto-MDI/MDIX
- Operating Temperature from -40 to 75℃
- Dual Redundant DC9~56V power input
- Support power input polarity protection; no need to worry about reverse connections
- Aluminum shell, fanless design
- Free fall, shock-proof and vibration-proof for industrial use
- Plug and play; no software configuration is needed
- Either DIN rail or Wall Mount installation

Product Description

This is an industrial media converter that converts 1 10/100/1000Base-TX(RJ-45) to 1 Open SFP Port. This provides a cost effective conversion from 10/100/1000Base-TX(RJ-45) to 1000Base-X fiber, while extending the network reach beyond the 100m reach limitation of copper. This industrial grade product includes a terminal block and does not come with a power plug. Our media converters and network interface cards are 100% compliant for all of your networking needs. Now you have a cost effective solution to your network upgrade needs.

Specifications

Parameter	Specification
Ethernet Interface	
RJ45 Port	1x10/100/1000Base-TX
Optical Port	1x1000Base-X SFP/1x9
Port Mode (Tx)	Auto Negotiation Speed Full/Half Duplex Mode Auto MDI/MDI-X Connection
Standards	IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseT(X) and 100BaseFX IEEE 802.3ab for 1000BaseT(X) IEEE 802.3z for 1000BaseSX/LX/LHX/ZX IEEE 802.3x for flow control
Maximum Packet Length	Up to 10K
Forward Filter Rate	14,880pps (10Mbps) 148,800pps (100Mbps) 1,488,000pps (1000Mbps)
Transmission Distance	SFP Port: Depends on optical module(0-160km) RJ45 Port Transmission Distance: 100m (using standard CAT5/CAT5e cable)
Power Supply	
Power Consumption	Single Channel: 2 Watts Maximum (Without PoE load) Dual Channel: 4 watts Maximum (Without PoE load)
Power Inputs	2
Input Voltage	9-56VDC, Redundant dual inputs
Operating Voltage	9-56VDC
Connector	1 removable 6-contact terminal blocks Pin 1/2 for Power 1, Pin 3/4 for Power 2, Pin 5/6 for fault alarm
Protection	Overload Current Protection, Reverse Polarity Protection

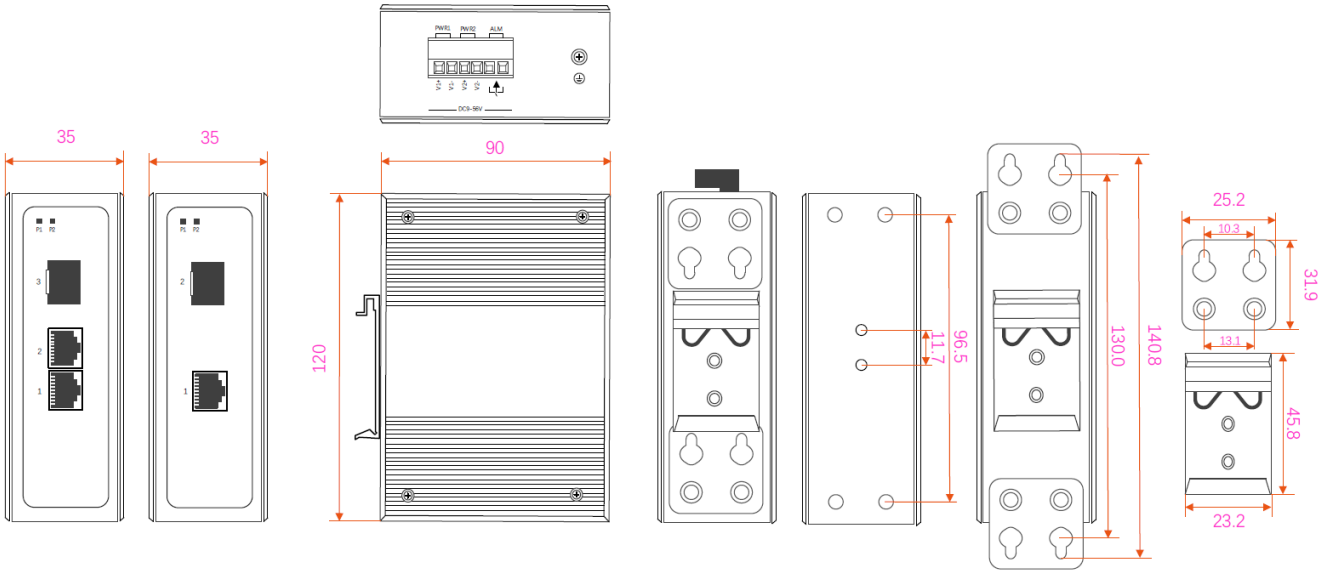
LED Specifications

Parameter	State	Description
PWR (P1&P2)	On	Power is being supplied.
	Off	Power is not being supplied.
Link/ACT (1-3)	On	Port connection is active.
	Blinking	Data transmitted.
	Off	Port connection is not active.

Physical Characteristics

Parameter	Specification
Housing	Aluminum case
IP Rating	IP40
Dimensions	120mm*90mm*35mm
Weight	350g
Operating Temperature	-40℃ to 75℃ (-40 to 167 °F)
Storage Temperature	-40℃ to 85℃ (-40 to 185 °F)
Operating Humidity	5% to 90% (Non-Condensing)
MTBF	2,573,692 Hours Standard: Telcordia SR-332 GF 30℃

Mechanical Specifications



About AddOn Networks

In 1999, AddOn Networks entered the market with a single product. Our founders fulfilled a severe shortage for compatible, cost-effective optical transceivers that compete at the same performance levels as leading OEM manufacturers. Adhering to the idea of redefining service and product quality not previously had in the fiber optic networking industry, AddOn invested resources in solution design, production, fulfillment, and global support.

Combining one of the most extensive and stringent testing processes in the industry, an exceptional free tech support center, and a consistent roll-out of innovative technologies, AddOn has continually set industry standards of quality and reliability throughout its history.

Reliability is the cornerstone of any optical fiber network and is in engrained in AddOn's DNA. It has played a key role in nurturing the long-term relationships developed over the years with customers. AddOn remains committed to exceeding industry standards with certifications from ranging from NEBS Level 3 to ISO 9001:2005 with every new development while maintaining the signature reliability of its products.

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