

## **ADD-IMGMC-SFP**

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

### **Features**

- 1x10/100/1000Base-TX RJ45 ports, 1x1000Base-FX Fast SFP ports, 1xPoE
- Support Auto-MDIX, and full/half duplex self-negotiation mode
- Provide SC/FC/ST/LC interface fiber port, support single/dual fiber transmission
- Support 16K bytes giant frame, compatible with various extension protocol
- 8K MAC address table
- Support IEEE802.3az energy efficient Ethernet technology
- Support IPv6 Protocol
- Electric 4KV surge protection, easy to use in outdoor environment
- Complete status indicator, working state at a glance
- Power input polarity protection design, no worry about wrong operation
- Metal case, no fan design
- Installation method: DIN rail /Wall mounting



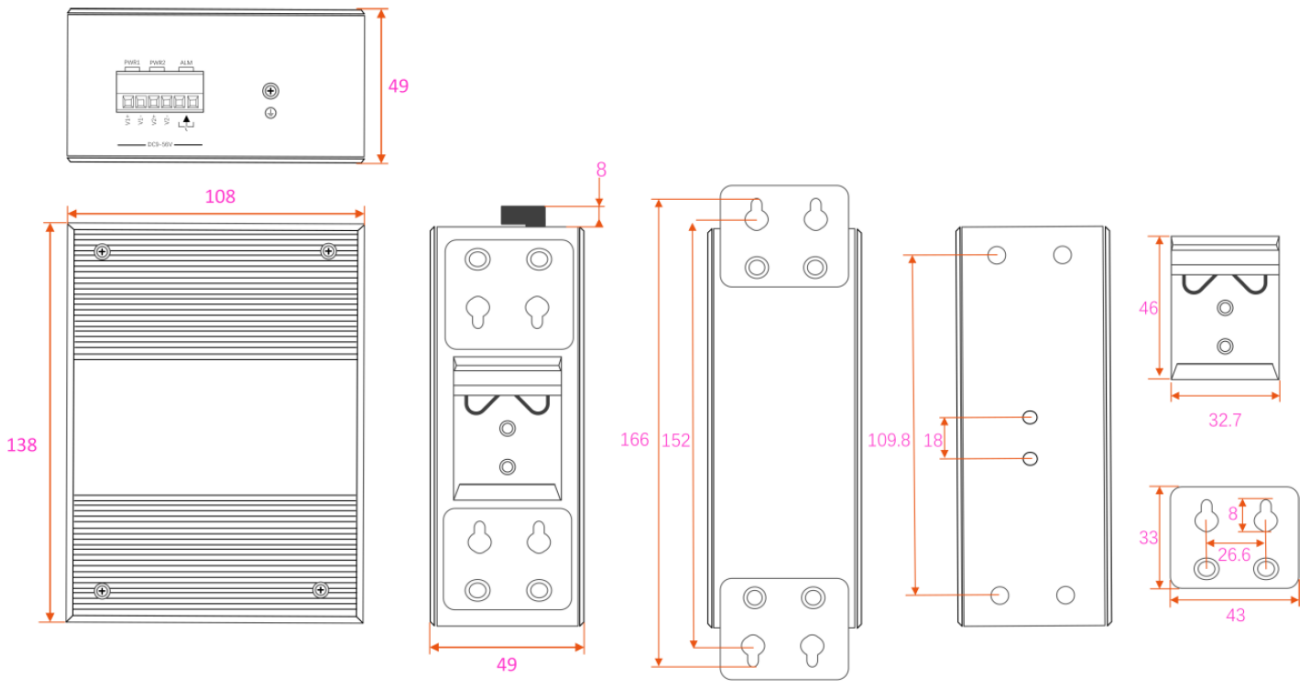
### **Product Description**

This is a one to one industrial managed media converter that converts a 10/100/1000Base-TX(RJ-45) to 1000Base-X via an open SFP port. The open SFP port allows users to customize between the SX, LX, or BX connections. This media converter provides a cost effective conversion from 10/100/1000Base-TX(RJ-45) to 1000Base-X, while extending the network reach beyond the 100m reach limitation of copper. Our One to One type manageable media converters are independent standalone systems that do not require a centralized, or unified platform management system. One to One manageable media converters can supervise the real time situation of remote manageable fiber media converters, and allow end users to set the functions remotely. With this system, the response speed of the operator is quickened, the daily maintenance and network expenditure is reduced, and the service quality is enhanced. Our media converters and network interface cards are 100% compliant for all of our networking needs. Now you have a cost effective solution to your network upgrade needs.

## Specifications

Parameter	Specifications
<b>RJ45 Port and Speed</b>	1x10/100/1000Base-TX
<b>Fiber Port and Speed</b>	1x1000Base-FX
<b>Ethernet standards</b>	IEEE802.3 IEEE802.3u IEEE802.3z IEEE802.3ab IEEE802.3x IEEE802.3az IEEE802.3Qad IEEE802.3ah IEEE802.1X IEEE802.1Q IEEE1588
<b>Packet Buffer</b>	4Mbits
<b>Maximum Packet Length</b>	Up to 1532 Bytes
<b>MAC Address Table</b>	8K
<b>Transmission Mode</b>	Store and Forward (Full/Half Duplex Mode)
<b>Exchange Property</b>	Delay time: < 7μs Backplane Bandwidth: 1Gbps Packet Forwarding Rate: 148810 (64 Bytes)
<b>POE</b>	
<b>PoE Standard</b>	1x IEEE 802.3af /IEEE 802.3at PoE
<b>Power Budget</b>	Maximum PoE Output Power Budget 30W
<b>LED Indicator</b>	
<b>Power</b>	Connect- Always
<b>RJ45</b>	Link/Act: Connect-Always; Data Exchange-Twinkle Speed Light: 100Mbps-Always; 10Mbps-Twinkle
<b>Fiber</b>	Link/Act: Connect-Always; Data Exchange-Twinkle
<b>Power Information</b>	
<b>Power Access Mode</b>	Phoenix Terminal, DC seat
<b>Redundant Power Input</b>	DC 9-56V
<b>Overload Protection</b>	Yes
<b>Power Reverse</b>	Support
<b>Power Consumption</b>	Full-Load<15W
<b>Working Environment</b>	
<b>Operating Temperature</b>	-40°C to 85°C
<b>Operating Humidity</b>	5-90% (Non-Condensing)
<b>Storage Temperature</b>	-40°C to 85°C
<b>Physical Property</b>	
<b>Protection Grade</b>	IP40 Aluminum Case
<b>Cooling Mode</b>	Natural Cooling, No Fan Design
<b>Dimensions</b>	138mm x 106mm x 41mm (L x W x H)
<b>Installation Mode</b>	DIN Trail/Wall-Mountable
<b>Weight</b>	600g

**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 ingrained 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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