

ADD-IMGMC-1RJ2SFP

1x 10/100/1000Base-TX(RJ-45) to 2x Open SFP Port Managed Industrial Media Converter Switch

Features

- Full gigabit L2+ management, easy to manage the PoE network by CLI/WebGUI/NMS
- RADIUS, IEEE 802.1X, SNMPv3, HTTPs and SSH to enhance network security
- Bandwidth management prevents unpredictable network status with "Lock Port" to restrict access to authorized MAC addresses
- QoS, Priority mode based on 802.1P, Port & DSCP, queue scheduling algorithm including Equ, SP, WRR&SP+WRR
- Operating Temperature from -30 to 60°C
- Support IPv6 Protocol
- All-aluminum Case, Compact and Fanless Design

Product Description

This is a one to two industrial managed media converter that converts a 10/100/1000Base-TX(RJ-45) to 2x 1000Base-X via open SFP ports. The open SFP ports allow 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 Two type manageable media converters are independent standalone systems that do not require a centralized, or unified platform management system. One to Two 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
RJ-45 Port and Speed	8x10/100/1000Base-TX
Fiber Port and Speed	2x1000Base-FX
Ethernet Standards	IEEE802.3 IEEE802.3u IEEE802.3z IEEE802.3ab IEEE802.3x IEEE802.3az IEEE802.3Qad IEEE802.3ah IEEE802.1X IEEE802.1Q IEEE1588
Packet Buffer	4Mbits
Maximum Packet Length	Up to 1532Bytes
MAC Address Table	8K
Transmission Mode	Store and Forward (Full/Half Duplex Mode)
Exchange Property	Delay Time: <7μs Backplane Bandwidth: 1Gbps Packet Forwarding Rate: 148810 (64Byte)
LED Indicator	
Power	Connect-Always
RJ-45	Link/Act: Connect-Always; Data Exchange-Twinkle Speed Light: 100Mbps-Always; 10Mbps-Twinkle
Fiber	Link/Act: Connect-Always; Data Exchange-Twinkle

Power Specifications

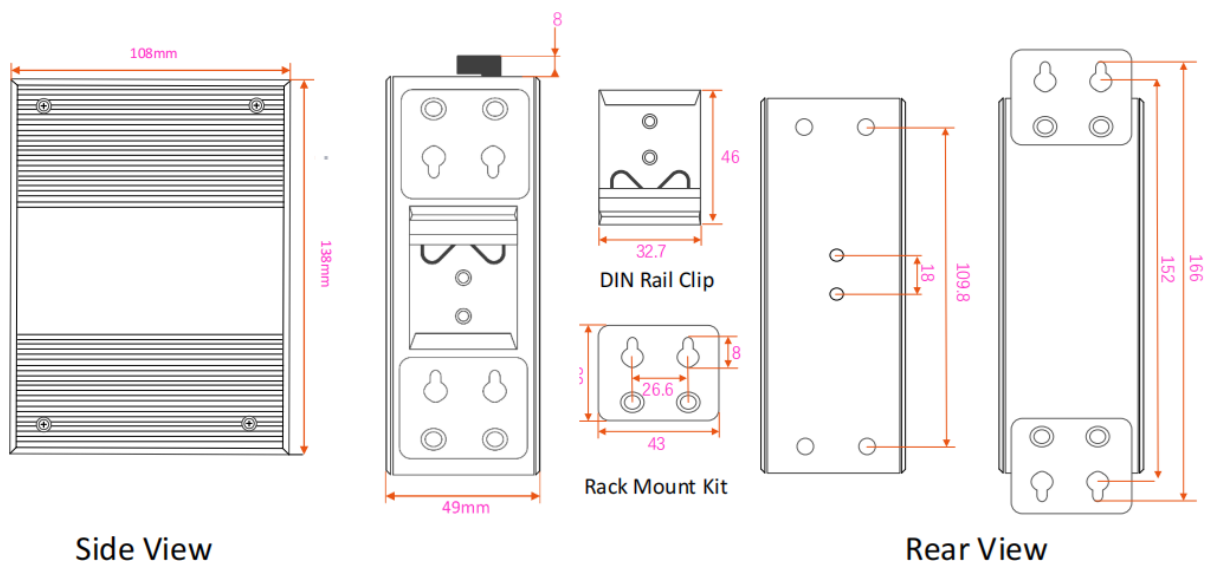
Parameter	Specifications
Power Access Mode	Phoenix Terminal
Redundant Power Input	DC 9-56V
Overload Protection	Yes
Power Reverse	Support
Power Consumption	Full-Load: <10W

Physical Characteristics

Parameter	Specifications
Protection Grade	IP40 Aluminum Case
Cooling Mode	Natural Cooling, No-Fan Design
Dimensions	138mm x 108mm x 49mm (L x W x H)
Installation Mode	DIN Trail/Wall-Mountable
Weight	600g
Operating Temperature	-30°C to 60°C
Operating Humidity	5-90% (Non-Condensing)
Storage Temperature	-40°C to 85°C
MTBF	500,000 Hours
Software Features	
Redundant Network: STP/RSTP	
Multicast: IGMP Snooping V1/V2	
VLAN: IEEE 802.1Q 4K VLAN, QinQ	
Link Aggregation: Manual	
Management Function: Support CLI, WEB, SNMPv1/v2/v3, Telnet Server for Management, EEE, LLDP, DHCP Server/Client (IPv4/IPv6), Cloud/MQTT	
Diagnostic Maintenance: Port Mirroring, Ping	
Alarm Management: 1-Way Relay Alarm Output, RMON, SNMP Trap	
Security: DHCP Snooping, User Hierarchical Management	
Data Control: Port-Based Ingress/Egress Speed Limit, Full Duplex IEEE 802.3x, Half Duplex Back-Pressure Flow Control. Broadcast Storm Suppression, Unknown-Multicast Suppression, and Unknown-Unicast Suppression.	

Mechanical Specifications

Unit: mm



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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