

ADD-IGMC-SFP+-POE90W

100/1000/10000Base-TX(RJ-45) to Open SFP+ Port POE 90W Industrial Media Converter

Features

- 1x10GBase-TX RJ45 ports, 1x10GBase-FX SFP+ ports,
- 1xPoE 8023bt 90W
- Support Auto-MDIX, Support Jumbo Frame
- Transparent Transport and very low delay
- Support ITUT prescribed DWDM/CWDM wavelength
- Electric 6KV 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 media converter that converts a 100/1000/10000Base-TX(RJ-45) to 10GBase-X via an open SFP+ port connector. The open SFP port allows users to customize between the SR, LR, or BX connections. This media converter provides a cost effective conversion from 100/1000/10000Base-TX(RJ-45) to 10GBase-X, while extending the network reach beyond the 100m reach limitation of copper. This AC/DC powered PoE+ media converter is a Power Sourcing Equipment (PSE), which combines data transferred over a fiber optic link with 48V (or other voltage) power supply, 90 watts max, providing power to IEEE802.3bt powered device (PD) over CAT6 and up UTP cable (cable length up to 100 meters / 330 feet). It complies with the IEEE802.3btt standard. The converter includes a single port PSE controller, which offers PD signature sensing and power monitoring features. Other features include over-current protection and LFP function. The LFP (Link Fault Pass-through) allows the media converter to monitor both the fiber and copper RX port for loss of signal. In case of a loss of RX signal on one media port, the converter will automatically disable the TX signal to the other media port, thus passing through the link fault. 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
Physical Port	
RJ-45 Port and Speed	1x10GBase-TX
Fiber Port and Speed	1x10GBase-FX
Parameters	
Ethernet Standards	IEEE802.3an (10GBase-T), IEEE802.3ae (10GBase-SR/LR/ER/ZR)
Access Type	10G LAN
Interface Type	Type: RJ-45 To/From SFP+
Transmission Distance	Up to SFP+ Module (Maximum 80Km) 10GBase-T: 100 meters Cat .6a Cable
PoE	
PoE Standard	IEEE 802.3bt PoE
Power Budget	Maximum PoE Output Power Budget 90W
LED Indicator	
Power	Connect - Always
RJ-45	Link/Act: Connect - Always; Data Exchange - Twinkle
Maximum Packet Forwarding Rate	14,880,950/S
Power Information	
Power Access Mode	Phoenix Terminal, DC Seat
Redundant Power Input	DC 44-57V
Overload Protection	Yes
Power Reverse	Support
Maximum Power Consumption	4.36w (PoE Without Load)
Physical Property	
Protection Grade	IP40 Aluminum Case
Cooling Mode	Natural Cooling, No Fan Design
Dimensions	107mm (L)*77mm (W)*37.5mm (H)
Installation Mode	DIN Trail/Wall-Mountable
Weight	270g
Working Environment	
Operating Temperature	-40°C~85°C
Operating Humidity	5-90% (Non-Condensing)
Storage Temperature	-40°C~85°C
MTBF	500,000 Hours

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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