ADD-GMCMN-SFP

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

Features

- Ideal for confined spaces, and provides highly cost-effective solutions
- Auto-Negotiation - automatically determines the best connection speed
- Wall mountable using the integrated mounting holes
- Rack mountable using the optional 19 inch 1U rack
- Fast or Gigabit ethernet, SFP or 1X9 transceiver supports single-mode and multimode, single or dual fiber options up to 120km
- 1/2.5G/10Gb LAN to 10G SFP+ port supports Single-mode and multimode, single or dual fiber options
- Supports up to 10K Bytes Jumbo Frame
- External 220V to a 5-12V power adapter
- Build-in DIP switch supported including link fault pass-through, auto laser shutdown, port speed setting, etc.

Product Description

This is a mini 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 and saving space (3.75" x 2.25" x 1"). Our media converters are 100% compliant for all of our networking needs. Now you have a cost effective solution to your network upgrade needs.

Specifications

Parameter	Specifications
Copper Port	1x10/100/1000Base-TX
Optical Slot	1x1000Base-X (SFP or 1x9 Transceiver SC, ST, FC Connector)
Standard	IEEE802.3i, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x
Jumbo Frame	12K
LEDs	TP/LINK, 1000M, FX/LNK, PWR
Power Input	1
Operating Voltage	5-12VDC
Power Consumption	3W Maximum (100Mb and 1Gb) 5W Maximum (10Gb)
LAN Port	1x10/100/1000Base-TX
Fiber Optical Port	1x1000Base-X
Fiber Port Connector Option	LC(SFP) or SC, ST, FC (1x9)
Input Power	DC 5V - 12V
Operating Temperature	0˚C to 50˚C (32˚F to 122˚F)
Storage Temperature	-20˚C to 70˚C (-4˚F to 158˚F)
Humidity	5-95% (Non-Condensing)
Altitude	<3000ml(<10000ft)
MTBF	100,819 Hours
MTBF Standard	Telcordia SR-332 GB 25 25℃
Heat Dissipation	10 BTU/h (100M/1G Models - No SFP) 17 BTU/h (10Gb Models - No SFP+)
Cooling	Passive Cooling
Noise Level	0dBA
Installation	Desktop, Wall Mount, Rack (Requires Optional Rack Chassis)
Weight	0.12kg/0.26lb (Bare Hardware)
Housing	Metal
Dimensions	90mm (W) x 60mm (D) x 20mm (H)

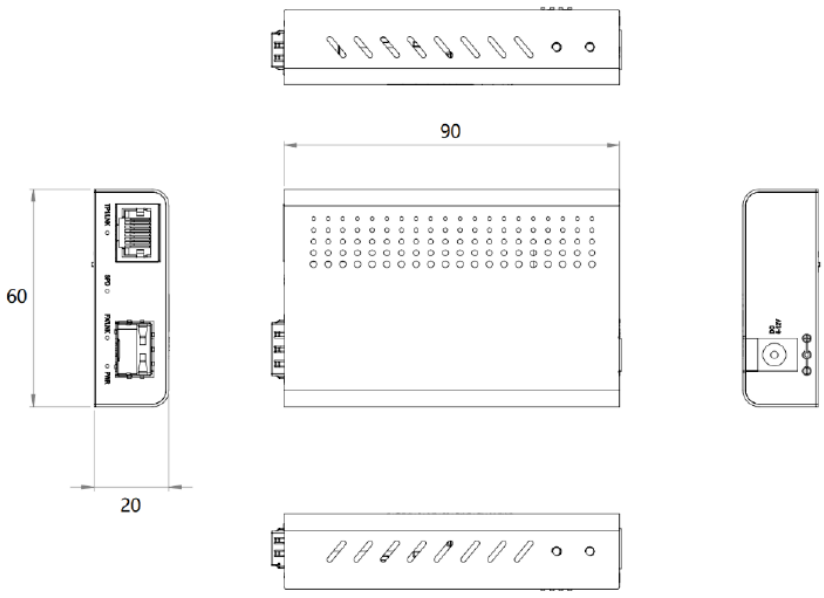
DIP Switch

DIP Switch	Name	Status	Description
#1	LFP	Off	LFP Disable
		On	LFP Enable
#2	ALS	Off	ALS Disable
		On	ALS Enable
#3	FX Speed Set	Off	FX Reset Disable
		On	FX Reset Enable
#4	FX Speed Set	Off	Disable
		On	FX 100M

Notes:

1. LFP: Link Fault Pass Through. When enabled, the UTP receiver is passed to the fiber transmitter to make the media convertor appear transparent to the connected end devices. It uses Link Fault Pass Through to indicate when far-end fault issues occur. If a fault occurs, the end device indicates a failure for troubleshooting.
2. ALS: Automatic Laser Shutdown. ALS is a procedure to automatically shut down the laser when there is no input light and to stop emitting optical signals.
3. FX: Optical Fiber Port.
4. FX Reset. When enabled, the PoE will restart if there is no data input to the UTP receiver.
5. Loop. When enabled, run a loop back test to check the interconnection between two media convertor devices.

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 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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