

## PRO-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	<3000m(<10000ft)
MTBF	100,819 Hours
MTBF Standard	Telcordia SR-332 GB 25 25°C
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)

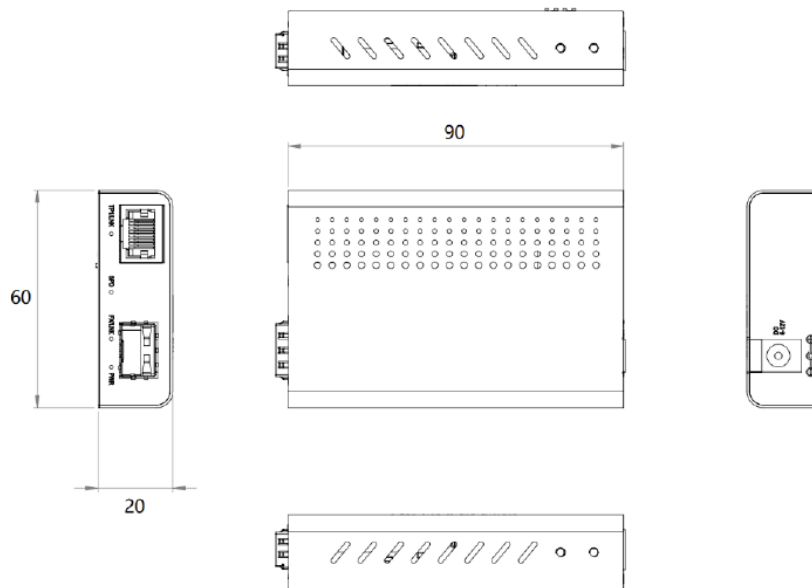
## DIP Switch

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 Us:**

Proline Options is one of North America's leading providers of transceivers and high speed cabling. With a reputation for quality, tested products that cover the connectivity spectrum, Proline Options has a solution for you regardless of the specification.

At Proline Options, every product is tested in its intended application - never batch or spec tested only. We run bandwidth, distance and IOS network tests. We have documented an impressive 0.03% failure rate over the last 10 years. To continue this rate of success we invest millions annually in our own on-site testing lab.



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