

AMG210M PoE Series Mini Media Converter

Installation Manual - Hardware

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AMG210M

/ PACKING LIST

The following items should be included in the box:

- Mini PoE Media Converter
- 52V_{DC} Power Supply (with region specific plug)
- Installation & DIP Switch Manual
- SFP Module* (*only included with some models)

If any of the above items are missing or damaged please contact your supplier or distributor.

/ POWER

The mini PoE media converter is powered by a 48-56V_{DC} power supply. A DC type power supply is included with each unit.



The centre pin is positive while the outer sleeve is negative. The connector type is a 2.1MM input jack.

The power consumption of the AMG210M mini PoE media converters are detailed below:

- 1Gb Models (No PoE Load) <3W*
- 1Gb Models (Max PoE Load) <33W*

*Excludes SFP Module

The unit supports IEEE 802.3af/at PoE up to 30W

/ LED INDICATORS

The mini media converters feature LED indicators to aid in system operation and fault diagnosis. The meaning of each LED is described in the table below:

POE	On: PoE power is being supplied
	Off: No PoE power is being supplied
TP L/A	Solid: RJ45 is connected but no data is being received
	Flashing: RJ45 is connected and data is being received
PWR	On: Unit is powered up
	Off: Unit is not powered up
SPD	On: RJ45 is connected at the highest possible speed
	Off: RJ45 is not connected or is connected at a speed slower than the highest possible
FX L/A	Solid: SFP is connected but no data is being received
	Flashing: SFP is connected and data is being received
DUP	On: RJ45 is in full duplex mode
	Off: RJ45 is in half duplex mode



/ AMG210M-1GAT-1S-P30 100MB/1Gb SFP POE MEDIA CONVERTER

No.	Function	Status	Description
1	LFP	OFF	Disable
		ON	Enable
2	ALS	OFF	Disable
		ON	Enable
3	FX Reset	OFF	Enable
		ON	Disable
4	FX Speed	OFF	1000Mb
		ON	100Mb

LFP - Link Fault Pass-Through. When enabled a failure on either the RJ45 or SFP will cause the corresponding port to link down so that the fault can be detected by other connected devices.

ALS - Automatic Laser Shutdown. When enabled if the fibre link is broken or disconnected then the laser will be turned off except for sending periodic signals to check if the fibre link has been re-established. The ALS function helps to extend the life of the optical device and reduce power consumption.

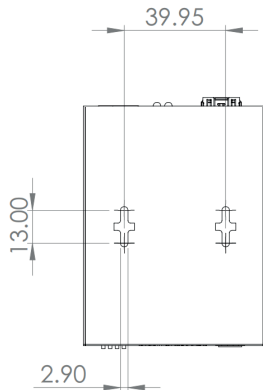
FX Reset - When enabled (DIP Switch OFF) if the fibre link goes down then the media converter will perform an automatic power cycle to try and re-establish the fibre link operation.

FX Speed - When enabled the SFP port supports 100Mb speed. When disabled the SFP port is locked to 1Gb speed.

Note: After changing any DIP switch settings please cycle power to the unit to ensure the new settings are applied.

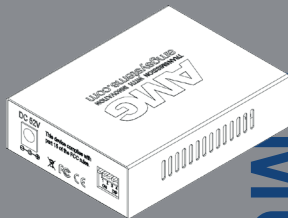
/ WALL MOUNTING

The mini PoE media converter can be mounted to a wall using the integrated screw holes in the base of the module as shown below:



/ RACK MOUNTING

The AMG210M series mini PoE media converters do **not** support rack mounting and cannot be installed in the AMG210C rack.



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Installation Manual - DIP Switch Settings

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