



THIS SECTION IS  
INTENTIONALLY LEFT BLANK



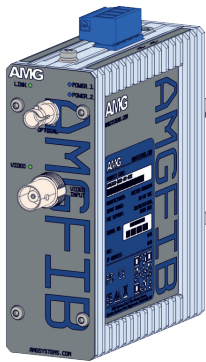
# AMG FIB-1/2V Series Industrial Video

Installation Manual - Hardware

**AMG**  
amgsystems.com

AMG FIB-1/2V

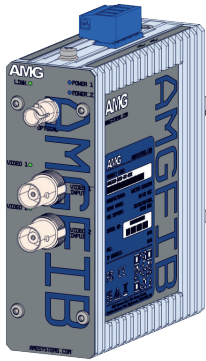
/ AVAILABLE MODELS



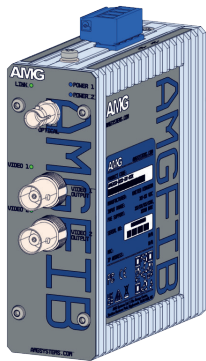
AMGFIB-1VT-M1A  
AMGFIB-1VT-S1A



AMGFIB-1VR-M1B  
AMGFIB-1VR-S1B

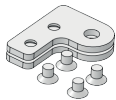


AMGFIB-2VT-M1A  
AMGFIB-2VT-S1A

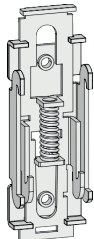


AMGFIB-2VR-M1B  
AMGFIB-2VR-S1B

/ INCLUDED ACCESSORIES

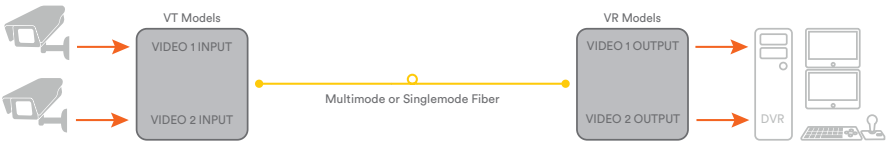


2 x Wall Mounting Brackets



DIN Rail Bracket

/ VIDEO CONNECTIONS



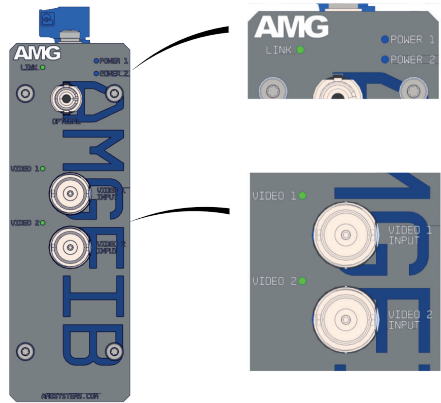
Video Specifications.

Video Channels	1 or 2 (depending on the model ordered)
Compression	None, Uncompressed
In/Out Impedance	75Ω (Unbalanced)
Video Input Level	>500mV pk-pk
Video Output Level	1V pk-pk
Bandwidth	30MHz (720p), 60MHz (1080p), 150MHz (1960p)
Video Format	CVBS (PAL/NTSC/SECAM), SD, HD, 2MP, 3MP, 4MP, 5MP
Signal To Noise	>60dB (Weighted 8-Bit)

/ CONTACT CLOSURE CONNECTIONS

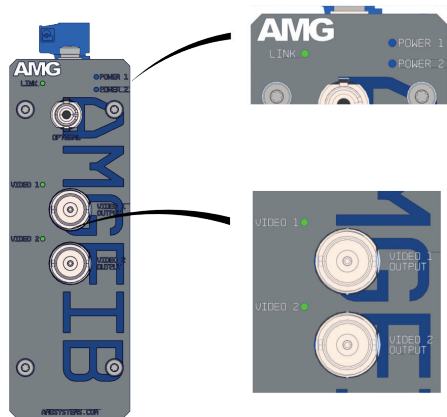
THIS SECTION IS  
INTENTIONALLY LEFT BLANK

/ LED INDICATORS



x1A Models

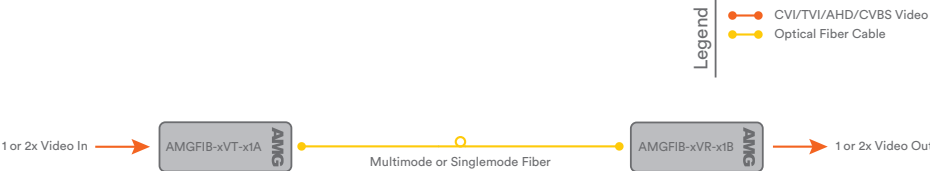
LED	Colour	Description
POWER 1	Blue	Power 1 Active
POWER 2	Blue	Power 2 Active
LINK	Off	No Optical Link
	Green	Good Optical Link
VIDEO 1 VIDEO 2	Off	No Video Signal
	Green	Good Video Signal



x1B Models

LED	Colour	Description
POWER 1	Blue	Power 1 Active
POWER 2	Blue	Power 2 Active
LINK	Off	No Optical Link
	Green	Good Optical Link
VIDEO 1 VIDEO 2	Off	No Video Signal
	Green	Good Video Signal

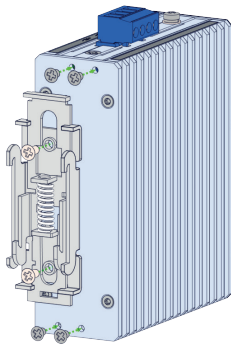
/ LINK TOPOLOGY



/ DIN RAIL MOUNT INSTALLATION

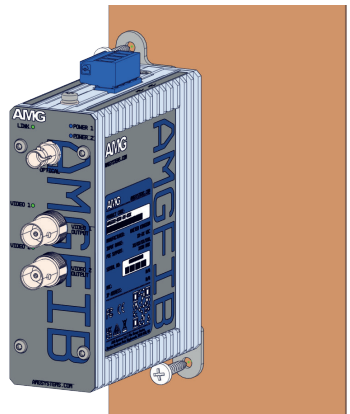
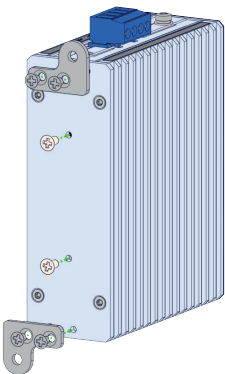


/ SURFACE/WALL MOUNT INSTALLATION



① Remove the DIN rail clip by unscrewing the two fixing screws as shown.

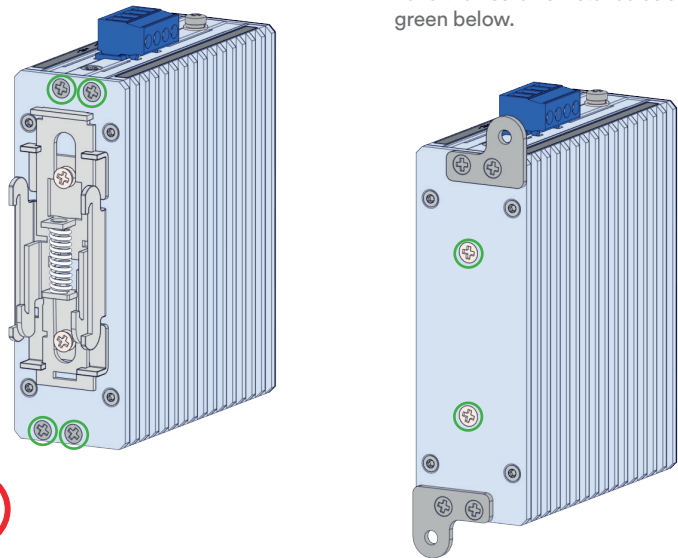
② Attach the included wall mount brackets with the provided 4 x M3 screws as shown.



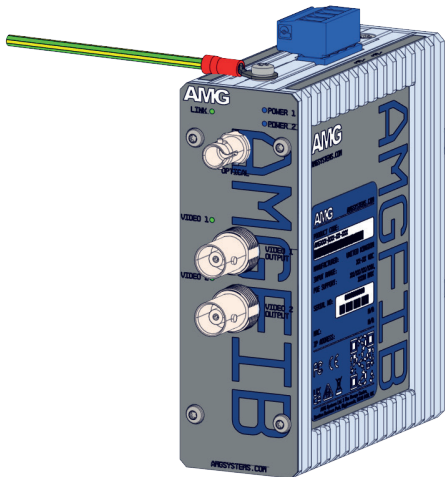
③ Fix the unit to the surface using two appropriate screws (screws not provided)

/ IP RATING

To maintain the units IP40 rating any screw holes that are not used should still have their screws installed as shown in green below.



/ EARTH PROTECTION

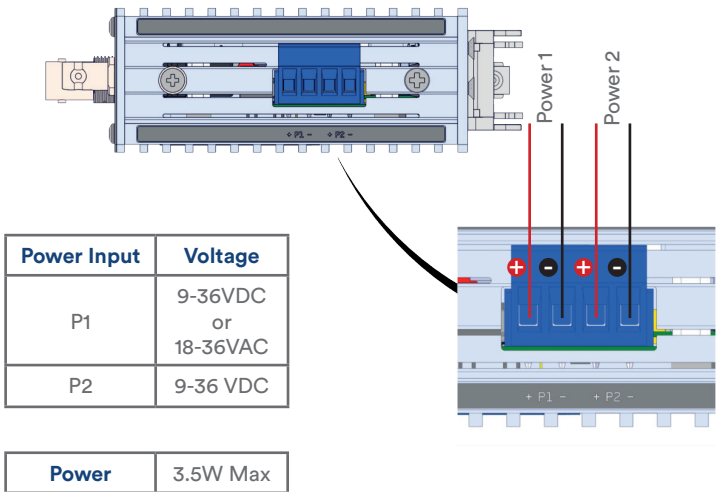


To provide correct protection from ESD and Surge events ensure that the unit is correctly earthed using the provided earth connection point in accordance with local electrical codes & standards. (cable not provided)

/ POWER



**Warning**  
Do not exceed the rated voltage  
Observe correct voltage polarity



/ INTERFACE CONNECTIONS

- ① Insert the optical patch cable into the optical connector.
- ② Connect BNC video cable(s) to the one or two BNC connectors (depending on model).

