

1 Insert the SFP module into the SFP slot.

(2) Insert the Cat5/6 cable into the RJ45 port.

③ Insert the fibre patch cable into the SFP module.



# / PORT SPEEDS

Example part code:

AMG260M-1GAT-1S-P30				
Character	RJ45 Port Speed	SFP* Port Speed		
F	10/100 Base-T(X)	400/4000 Bass EV		
G	100/1000 Base-T(X) 100/1000 Base-F			
*CED2	Defende AMO melecite and CED D	and a standard service the labor second and a		

\*SFP's supplied separately. Refer to AMG website and SFP Datasheets for available models.

# / POE CAPABILITIES

AT

BT



IEEE 802.3at 30W Port

IEEE 802.3bt 60/90W Port

Check the product label to determine the PoE power supported on each port and the units total maximum PoE budget. IEEE 802.3at ModelsType 1 & 2 PoE supportMode A PSE onlyMode A PSE

**PoE Budget** 

30W Max

90W Max

Class 1 PD

**P90** 

PD

Ensure the PSU size used is at

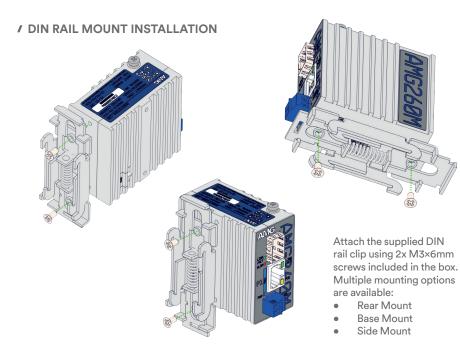
least equal to the maximum PoE budget figure.

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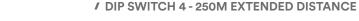
# / SURFACE MOUNT INSTALLATION





Attach the supplied wall bracket using 2x M3×4mm screws included in the box. Multiple mounting options are available:

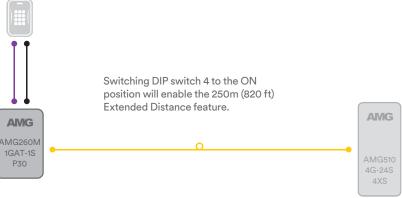
- Rear Mount
- Base Mount
- Side Mount



Max

250m





The Extended Distance feature allows for a maximum distance of 250m (820 ft) on the RJ45 copper port.

In this mode the speed is limited to 10Mb and also relies on the connected device being able to support and negotiate correctly with the AMG260M at 10Mb.

It is recommeded to test this feature before deployment as it may not be suitable for some cameras etc.

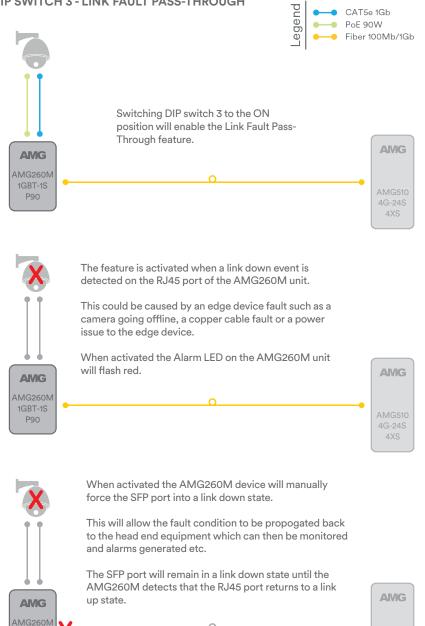
Care should be taken when attempting to also extend PoE over long distances. The maximum distance possible will be determined by the PSU voltage to the AMG260M.

Contact AMG Technical Services for further support.

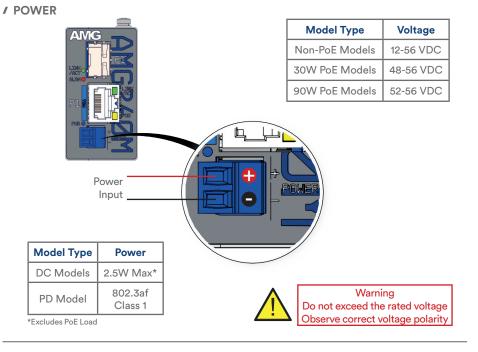


1 Optional magnetic mounting kit is available separately. Order part code: AMGMNT-MAG-02

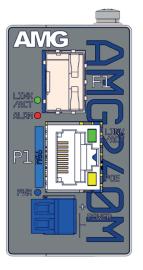
#### / DIP SWITCH 3 - LINK FAULT PASS-THROUGH







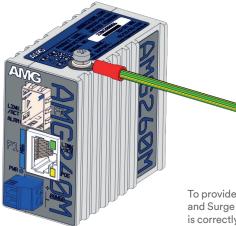
## / LED INDICATORS



LED	Colour	Description
PWR	Blue	DC input present
ALRM	Red	Alarm condition triggered
SFP LINK/ACT	Off	No SFP link connection
	Green	SFP link present (flashes with data traffic activity)
RJ45 LINK/ACT	Off	No Ethernet link connection
	Green	Ethernet link present (flashes with data traffic activity)
RJ45 POE	Off	No PoE being supplied
	Yellow	PoE is being delivered
RJ45 PD	Off	No PoE input detected
	Yellow	PoE input is active

1GBT-1S P90

#### / 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)

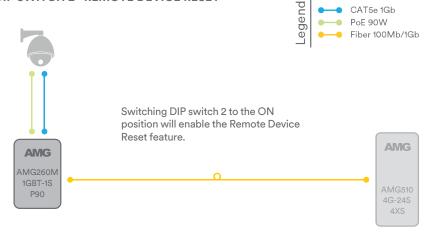
### / DIP SWITCHES



Remove DIP switch cover to access 4 DIP switches.

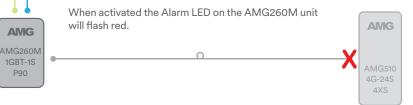
Switch	Description	
1	Reserved	
2	Remote Device Reset	
3	Link Fault Pass-Through	
4	250M Extended Distance	





The feature is activated by causing the SFP port to go into a link down state.

This can be achieved by either disconnecting the fiber cable at the head end location or by forcing the head end fiber port into a link down state (if directly connected to a managed switch).



When activated the AMG260M device will perform a complete reset. This will reset the internal Ethernet switch IC and also will reset any connected device that is powered by PoE from the AMG260M unit as shown.

A single reset will be performed. If a further reset is required then the above step should be repeated to cause a further link down event on the SFP fiber port.

### / DIP SWITCH 2 - REMOTE DEVICE RESET

AMG

L

AMG

4XS