

## / INTERFACE CONNECTIONS



SCAN ME



- ① Connect the antenna to the SMA connector.
- ② Insert the Cat5/6 cable for the network into the RJ45 port.
- ③ Connect any PPS or Aux connections to the grey 4-way screw terminal connector.
- ④ Connect the USB console cable to the USB Type C port.

## / RESET BUTTON

The front panel reset button can be used to perform the functions listed below.



Hold For	Release After	Action
3-6 Seconds	2 Sets of Flashes	Shutdown
8-11 Seconds	4 Sets of Flashes	Reboot
14-17 Seconds	6 Sets of Flashes	Factory Reset
18+ Seconds	1 Set of Flashes	Cancel

Pressing and holding the reset button will cause the SYSTEM and NTP LEDs will flash rapidly to indicate the operation to perform. Releasing the button initiates the action.

## / CONNECTING TO THE NTP SERVER



### Web GUI

Default IP Address:	192.168.1.101
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### Console CLI

USB-C Port	115200,8,N,1
Username:	admin
Password:	See Product Label



[amg-support.com/AMG816-1F\\_Series](http://amg-support.com/AMG816-1F_Series)

To access the full software user guide for this product please visit the product page using the QR code above or the direct link opposite.



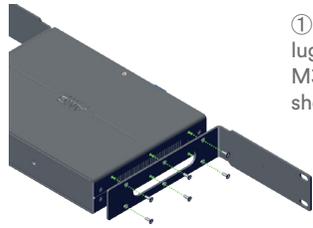
# AMG816 Series Industrial NTP Server

Installation Manual - Hardware

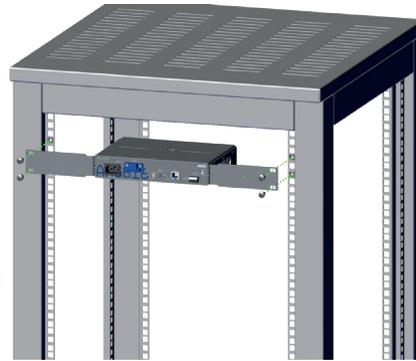
**AMG**  
amgsystems.com

AMG816

## / 19-INCH RACK MOUNT INSTALLATION



① Attach the 2 x rack mount lugs with the provided 12 x M3x6mm fixing screws as shown.



③ Fix the unit into the 19inch rack using 4 x M6 cage nuts and bolts (not included)

② There are two fixing positions available: Flush Mounted or 50mm Recessed Mounted providing flexibility for optimum cable management.



## / WALL & DIN RAIL MOUNTING



An optional wall mounting kit is available. This allows for wall mounting in multiple orientations and positions. Fix the 2 x wall brackets to the AMG816 unit using the 4 x M3x6mm screws provided in the wall mount kit.

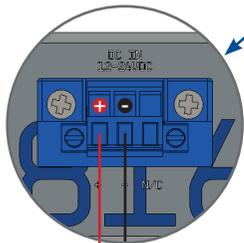
Order Part Code: AMGMNT-WALL-01



An optional DIN rail mounting kit is available. This allows for DIN rail mounting in a vertical position with the 19inch rack mount lugs removed. Fix the DIN rail clip to the AMG816 unit using the 2 x M3x6mm screws provided in the DIN rail mount kit.

Order Part Code: AMGMNT-DIN-02

## / POWER



DC Voltage  
11-27 VDC

85-264 VAC Input = Internal 13 VDC Output

PoE IEEE802.3af Class 3 Input = Internal 12 VDC Output

Highest voltage to the internal PCB takes priority. As standard VAC input takes priority over PoE input. (PoE highest priority option is available. Consult factory)

Model Type	AC Voltage	DC Voltage	PoE	Power
AMG816-1F-RP-AD	85-264 VAC	11-27 VDC	No	1W Typ / 5W Max
AMG816-1F-RP-AD-PD	85-264 VAC	11-27 VDC	Yes	1W Ty / 5W Max

## / LED INDICATORS



LED	Colour	Status	Description
POWER	Blue	On	Power AC, DC or PoE Present
		Off	Not Booted
SYSTEM	Green	Blink	Booting, Bad Power, No Network
		On	Good
		Off	No/Poor GNSS Lock
PPS	Green	Blink	Start of Second
		Off	No Sync
NTP	Green	Blink	Holdover, High Jitter, Using Backup
		On	Good
LINK	Green	On	Link On RJ45 Port
ACT	Yellow	Blink	Activity On RJ45 Port