

multicomp PRO

Outdoor Enclosure Assembly Instructions

Multicomp Pro
Assembly Instructions

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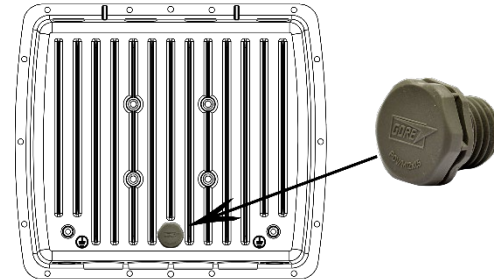
Diagrams based on GLB 3600 compatible with other models unless otherwise specified.

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Gore Vent Installation

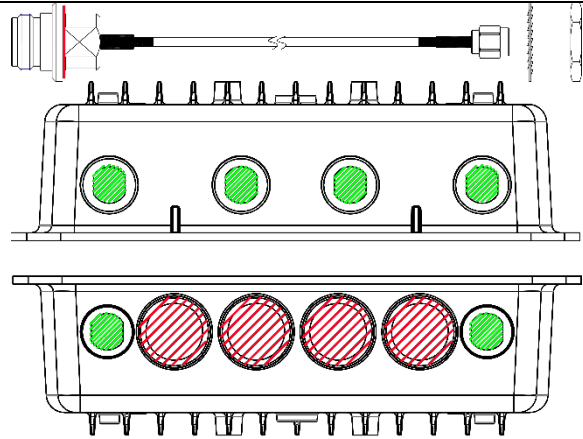
NB: If not already installed.

Screw in the vent first by hand and then tighten with a 16mm hex socket tool with a torque of 6~8kgf-cm, ensuring that the tool is vertically aligned with the vent before tightening.



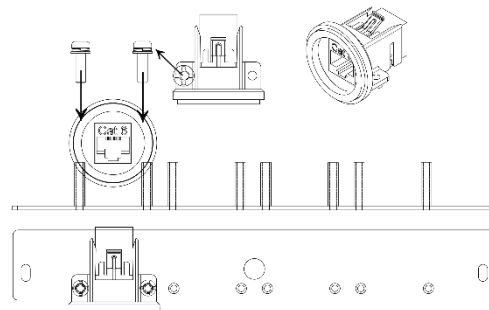
N-Type Component Installation

1. Ensure the red gasket ring is in situ.
2. Insert the bulkhead connector into the N-Type hole from the outside of the enclosure.
3. Thread the washer and then the nut over the cable from inside the enclosure.
4. Screw the nut first by hand and then tighten with a 20mm torque wrench at 10~12kgf-cm.



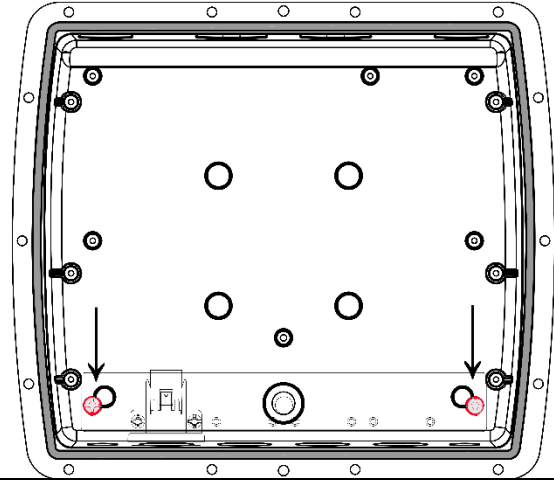
M25 Module Installation (GLB & Formosa)

1. Screw the mSmart® plastic modules onto the internal mounting bracket using the supplied M3 0.5 8mm screws at a setting of 4~5kgf-cm.



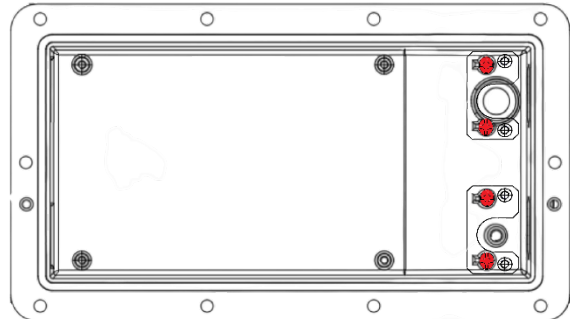
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2. Place the mounting bracket in the enclosure and push firmly against the front of enclosure, ensuring sponge seals connect with the enclosure securely around the M25 holes.
3. Screw the mounting bracket onto the enclosures and torque to of 4~5kfg-cm whilst holding in situ.

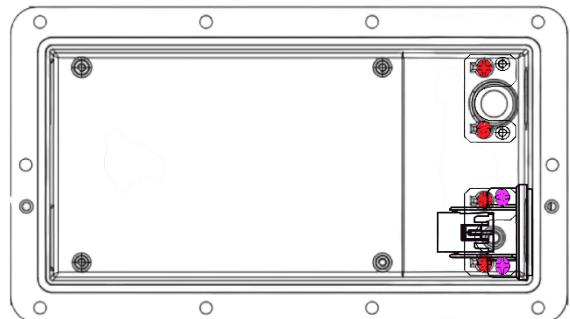


M25 Module Installation (AC)

1. Screw the mounting brackets into the enclosure and torque to of 4~5kfg-cm whilst holding in situ.



2. Screw the mSmart® plastic modules onto the internal mounting bracket using the supplied M3 0.5 8mm screws at a setting of 4~5kfg-cm. Ensuring the sponge seals on the modules connect with the enclosure securely around the M25 holes.

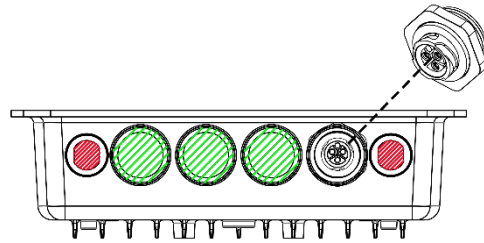


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M25 Power Module Installation

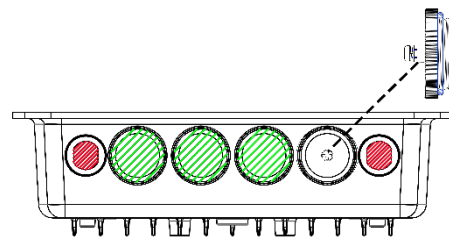
NB: prior to assembly ensure cable termination is complete.

1. Screw the power module into desired M25 location by hand.
2. Tighten the power module in place using a 32mm open ended wrench and torque to 28~30kfg-cm.



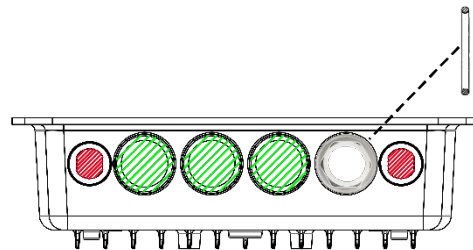
M25 Knurled Cover Installation

Ensure the gasket is in place and screw the M25 cover into the desired M25 location. Fully tighten by hand.



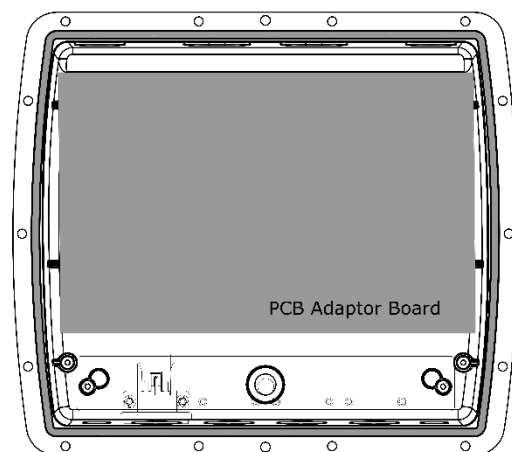
M25 Plastic Cover Installation

Ensure the gasket is in place and screw the M25 cover into the desired location. Tighten initially by hand and then secure using a 25mm hex socket wrench. Be careful to not overtighten.



PCB Installation

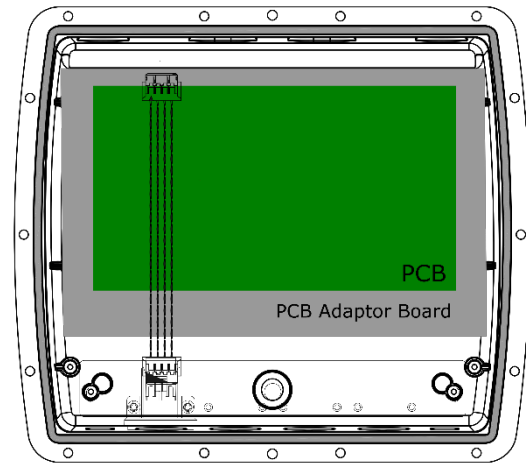
Install the PCB adapter board by aligning the holes in the board with the screw bosses in the enclosure then inserting the M3 0.5 8mm screws and tightening to 4~5kfg-cm.



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Cable Installation

Install the cable/s into the corresponding M25 module/s ensuring that you support each modules PCB element when applying pressure connecting the cable to prevent damage.



Metal Lid Assembly

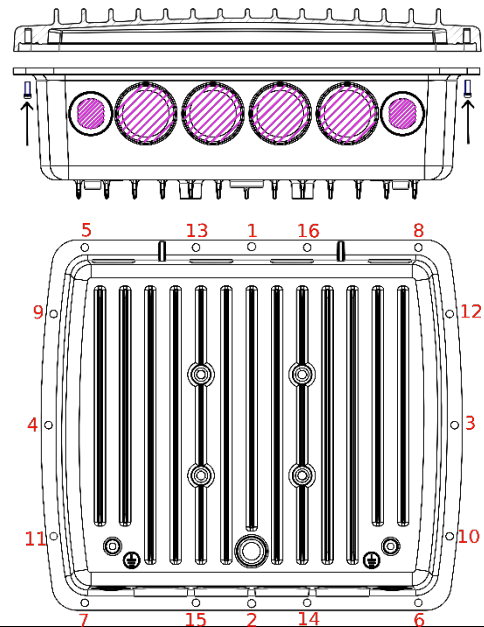
Install the lid using the screws provided.

Tighten the lid bolts a little at a time in diagonal pattern pairs, see image for an example pattern. Once it feels right use the correct torque settings provided beneath to complete.

AC = 6~8kfg-cm.

GLB = 6~8kfg-cm.

Formosa = 6~8kfg-com.



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Plastic Lid Assembly

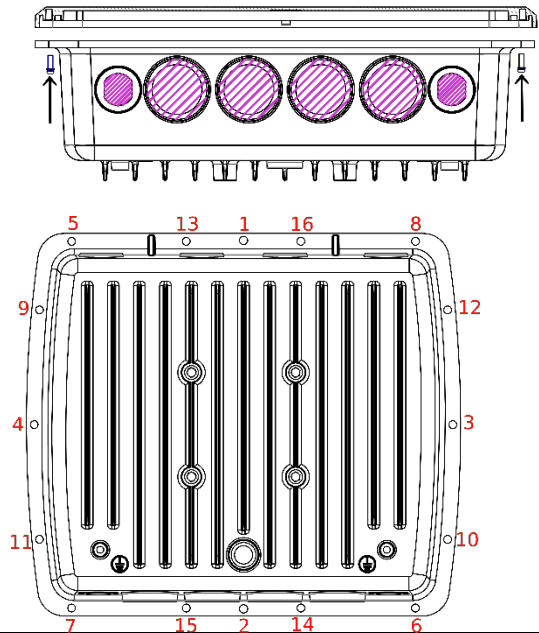
Install the lid using the screws provided.

Tighten the lid bolts a little at a time in diagonal pattern pairs, see image for an example pattern. Once it feels tight use the correct torque settings provided beneath to complete.

AC = 6~8kfg-cm.

GLB = 8~10kfg-cm.

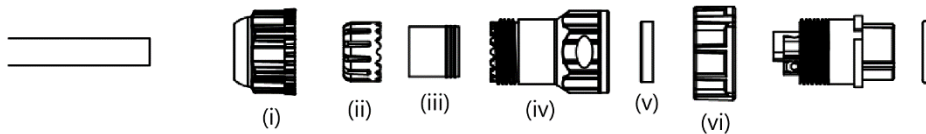
Formosa = N/A.



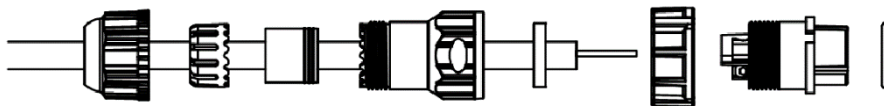
Accessories

Field-side Power Connector Installation

Insert the cable through the Sealing Nut (i), Clip (ii), Sealing (iii), Sealing Body (iv), Gasket (v) and Lock Nut (vi)

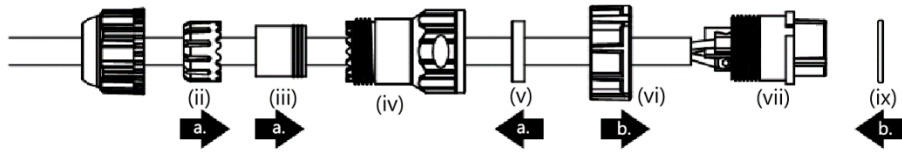


Fix the core wire/s into the screw fixing points with a 1.5mm screwdriver

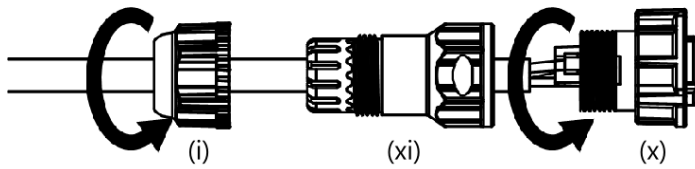


1. Follow Fit the Gasket (v), Sealing (iii) and (ii) onto the Sealing Body (iv)
2. Fit the Lock (vi) and O-ring (ix) onto the Housing (vii)

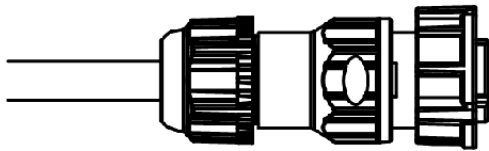
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Screw the Sealing Nut (i) and the assembled Housing (x) onto the assembled Sealing Body (xi) with a torque force of 8~10kfg-cm.



Completed Assembly

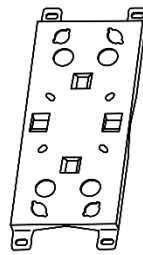


Mounting Brackets

Option 1 MPGLBAC-WALLMOU-SUS-M Installation Guide

Mounting Installation Package Content

- Wall Mount x 1
- Stainless back straps x 2
- M6x12 Screw x 4
- Washer x 4
- Spring Washer x 4



Wall mount x 1



Stainless back straps x 2



M6x12 Screw x 4



Washer x 4

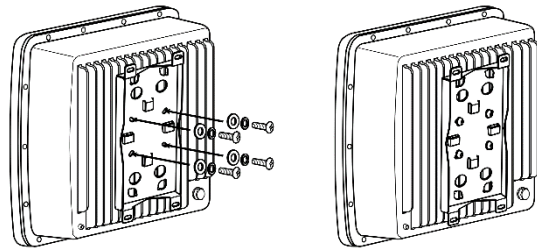


Spring Washer x 4

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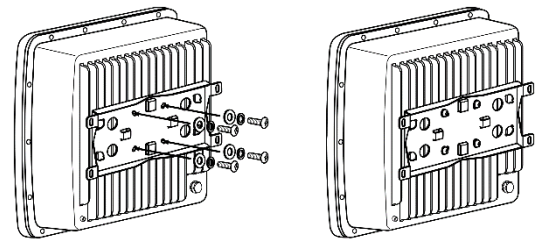
Install Enclosure On The Pole Mount Vertical

Attach the Pole mount to back of the enclosure using M6x12 screws & washers.



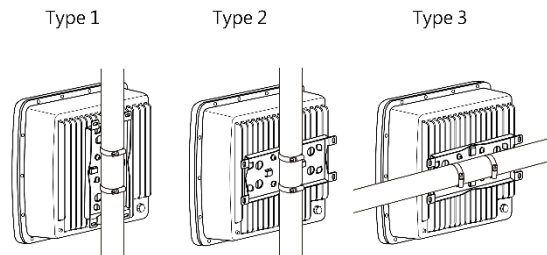
Install Enclosure On The Pole Mount Horizontal

Attach the Pole mount to back of the enclosure using M6x12 screws & washers.



Mounting for Pole

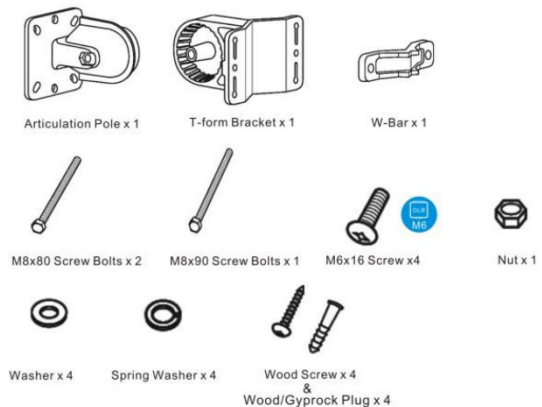
Fix the Pole mount with enclosure to the pole using stainless tie back straps.



Option 2 MPGTT-ACC-P025KA-M Installation Guide

Mounting Installation Package Content

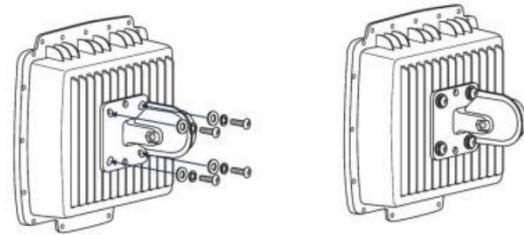
- Articulation Pole x 1
- T-Form Bracket x 1
- W-Bar x 1
- M8x80 Screw Bolts x 2
- M8x90 Screw Bolts x 1
- M6x16 Screws x 4
- Nut x 1
- Washer x 4
- Spring Washer x 4
- Wood Screw x 4
- Wood / Gyprock Plug x 4



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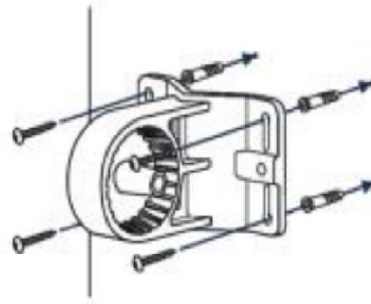
Install Enclosure On The Articulation Pole

Attach the articulation pole to back of GLB using M6x16 screws & washers.



Mount For Wall

Fix the mount base to the wall using wood/gyprock screws.



Mounting For Pole

Mounting For Pole Less Than 1.5" (35mm)

Attach mount base and W-bar to pole as shown using M8x80 bolts and washer with a torque of 35~40kgf-cm.

NB: Tighten the screws in parallel, otherwise damage to w-bar may occur.



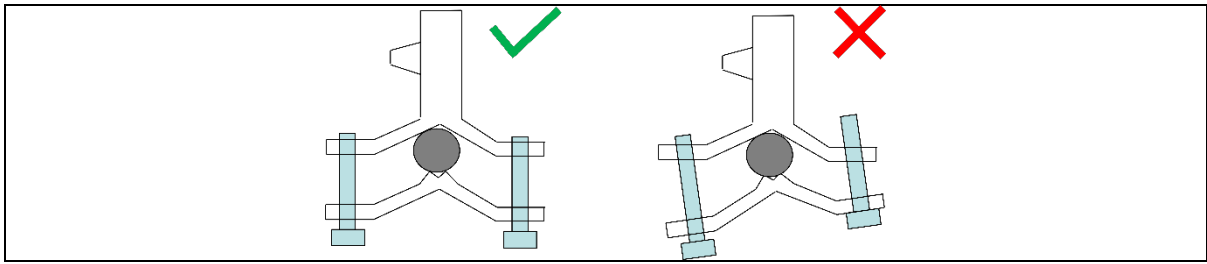
Mounting For Pole Larger Than 1.5" (35mm) and Less Than 3" (80mm)

Attach mount base and W-bar to pole as shown using M8x80 bolts and washer with a torque of 35~40kgf-cm.

NB: Tighten the screws in parallel, otherwise damage to w-bar may occur.

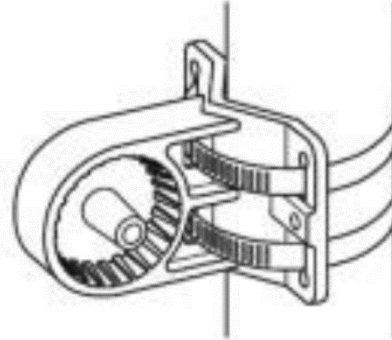


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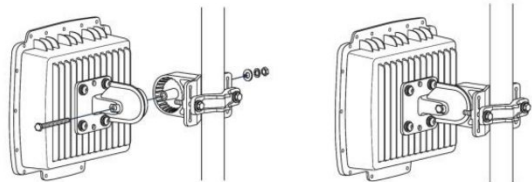
Mounting For Pole Larger Than 3" (80 mm)
Fix the mount base to the pole using stainless tie back straps.

NB: Stainless tie straps not supplied.



Install Enclosure on The Pole

Attach the articulation pole to the mount base articulation using a M8x90 bolt, nut and washers.



How to Install Antenna

Grip the antenna at the base then tighten until home. Tightening whilst gripping the tip may cause damage to your unit resulting in signal degradation. This applies when assembling by hand or using a hand wrench.

NB: Dropping, bending and impacting antenna can cause damage – handle with care.

