

# CMB1 Mounting Bracket Quick Start Guide

The CMB 1 Mounting Bracket provides a secure and level frame for the installation of a NR Lite 2 terrestrial Photosynthetically Active Radiation (PAR) sensor on NexSens CB650, 950, or 1250 data buoys.

## Installation

- 1 Align the bracket so it faces inwards towards the center of the tower, and insert (2) V-blocks between the bracket and the tower, such that the notches of the blocks contact the rail.



- 2 Run the M8 U-bolts through the V-blocks and bracket from the outside. Secure them to the inside of the bracket using the M8 flat washer, lockwasher, nut and a 13mm wrench or hex driver.



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- 3 Set the remaining V-block on top of the mount nearest the railing with the notch facing upwards. Orient the PAR sensor arm such that the disc extends outwards from the tower.
  - a. The PAR arm should have its leveling bulb facing upwards.



- 4 Secure the PAR Arm to the bracket using the two M6 U-bolts, flat washers, lockwashers, nuts and the smaller set of M6 U-bolts. Tighten evenly using a 10mm wrench.
- 5 Thread the M6 bolt through the base of the mount opposite the V-block until it makes contact with the PAR Arm.



- 6 Carefully tighten/loosen the M6 bolt to assist with level adjustments for the PAR sensor disc as desired.