Coda Octopus:MOTION
Precision Attitude & Positioning

/MOTION Lightweight Pre-Calibrated System

Benefits

Pre-Calibrated housing for F180®, F180R, and F280® Series as well as Echoscope® Air to speed deployment

Lighter and smaller than previous model

Fully integrates with MOTION Control for precise IMU to Antenna alignment

Extendable to 2 meter antenna separation

Mount Atlas Link for F180 Series

Rapid deployment for highly accurate positioning

The new MOTION Lightweight Pre-Calibrated Housing is designed for our customers who require a simpler, faster, more flexible solution for accurate marine positioning. This waterproof housing for the F180, F180R, and F280 series of GNSS aided inertial positioning devices fully integrates with CodaOctopus® MOTION control to provie precise IMU to Antenna alignment without the need for calibration.

This latest model is 25% smaller, more than 20% lighter, and competitively priced, allowing customers to integrate their system faster and in more flexible ways than before. A new feature in this new design is the fully independent weatherproof enclosure for the F180 one-box, allowing the F180 to be removed from the Pre-Cal for alternative mounting or for security. As part of our recently released CodaOctopus® Underwater Inspection System^{4G} (UIS^{4G}) offering, the Pre-Cal's smaller form factor further streamlines small-vessel deployment for rapid inspection. Crane operators on breakwater construction sites can also utilize this simple positioning solution, using the same spreader bar to deploy F180 or the F180R remote IMU models, depending on customer requirements.

The new pre-cal uses the same common flange plate for mounting, making it easy for existing users to upgrade to the latest system.

Sectors

- Marine & Port Construction
- Maritime Security
- Oil & Gas
- Renewables
- Decommisioning & Salvage

Physical

Dimensions (l x d x h)	1060mm x 275mm x 225mm
Weight (excluding F180 & antenna)	8.5 kg
Weight (including transit case)	19.5 kg
Humidity	Waterproof

Coda Octopus
Sound Underwater Intelligence

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