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C4R OTS MINI

COMPACT OVER-THE-SIDE SENSOR MOUNT

A lightweight, repeatable deployment platform for multibeam sonar and other underwater sensors.



AT A GLANCE

6.6 ft	2 m split sensor pole
37.5 lb	17 kg system weight
28.5 in	723 mm outboard reach
HARD-ANODIZED	marine-grade aluminum

COMPACT, PORTABLE, AND SURVEY-READY

The OTS Mini delivers stable over-the-side sensor deployment in a lightweight, transport-friendly package. Its repeatable deployed stop supports consistent sensor alignment, while an adjustable safety slip clutch helps protect the mount from excessive impact or drag loads.

SPLIT-POLE DESIGN

Two 3.3 ft (1 m) sections simplify transport and storage.

HYDRODYNAMIC PROFILE

Rigid mast profile supports stable, low-vibration sonar data collection.

INTERNAL CABLE ROUTING

Sensor cables route through the center of the pole for a clean installation.

SAFETY SLIP CLUTCH

Adjustable clutch releases when excessive torque is applied to the pole.

PORT OR STARBOARD

Convertible configuration supports installation on either side of the vessel.

SPLIT GPS/GNSS BAR

Fixed antenna bar divides into two sections for easier transport.

MULTIBEAM SONAR | **HYDROGRAPHIC SENSORS** | **PORTABLE VESSEL INSTALLATION**

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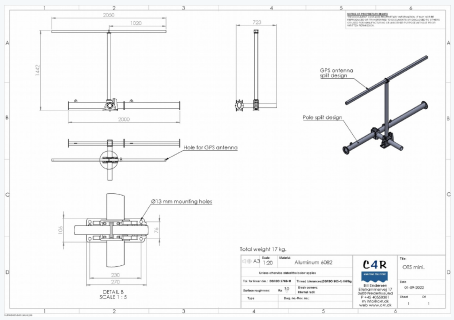
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TECHNICAL SPECIFICATIONS

C4R OTS MINI

Split sensor pole	6 ft 6.7 in (2,000 mm) total
Split GPS/GNSS bar	6 ft 8.7 in (2,050 mm) total
Approx. installed height	4 ft 8.8 in (1,442 mm)
Approx. outboard reach	28.5 in (723 mm)
System weight	37.5 lb (17 kg)
Vessel interface pattern	9.1 x 3.0 in (230 x 75 mm)
Mounting holes	4 x 0.51 in dia. (4 x 13 mm dia.)
Recommended fasteners	M12 bolts
Construction	Hard-anodized aluminum 6082
Cable routing	Internal through pole
Installation side	Port or starboard configurable

INSTALLATION ENVELOPE



Dimensions shown in the source drawing are metric.

STANDARD FEATURES

- Adjustable pole height and pitch
- Adjustable outboard reach
- Locking system for raised and deployed positions
- Fixed split GPS/GNSS antenna bar
- Repeatable deployment position
- Low-maintenance marine construction

AVAILABLE OPTIONS

- Inboard tilt when retracted
- Custom configurations on request
- Waterline locking/support point

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H2O SUBSEA Lafayette, Louisiana | Josh@h2oSubsea.com | www.H2OSubsea.com

Manufactured by C4R ApS, Denmark | www.c4r.dk

Specifications are based on C4R OTS Mini Operation & Installation Manual v1.1 and are subject to change.
Vessel mounting structure and installation must be evaluated for the intended application.