

EQUIPMENT DATASHEET

Insight Marine Projects Ltd.

Unit 19A

Normandy Way

Bodmin, Cornwall

PL31 1RB

Tel +44 (0)1208 77033 Fax +44 (0)1208 74977

E: info@insight-marine.co.uk W: www.insight-marine.co.uk



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Digital Hydrographic Survey system

The smallest, lightest, complete, portable system available, giving the highest survey standards and accuracy.

Hydrographic, Environmental, and Dredging surveys.

Suitable for small platforms, canoes to survey launches and work boats, remotely operated craft etc. 12 channel GPS receiver for sub-meter accuracy, optionally 8-channel GPS receiver for 1-3 meter accuracy. A further option is RTK for centimeter accuracy is also available. Provision to input external GPS position provided. 8 hours data logging, up to 6 hours on internal battery. Lightweight, quick and easy to install, minimal cables.

Differential GPS positioning using internally fitted Marine Radio beacon receiver, other options, or external RTCM inputs.

Splash proof, powered by 12 volts D.C. (internal batteries) with back lit LCD, extremely low power consumption (8 watts). The control unit is completely self-contained, including operator controls, display, and integrated DGPS system with dual antenna and data logging.

NMEA data output for depth and position. RS232 output to other survey systems and computers, LCD display suitable for use in bright light, and backlit for dark conditions.

Depth range: very shallow water (30cm) to 100m depths, update rate 6 soundings / sec.

Controls: Speed of sound, automatic or manual entry.

Draft setting.

Gating for bar check

Serial port settings.

Six output protocols.

Download logged data.

Internal / external RTCM

Projection and Grid setups

Display : Position, (Lat/Long or Grid), Depth, Speed and direction HDOP, and Number of Sv's. Differential age and status
Fix number, Event number, Time and date, Memory used.

Dimensions: 23.5 x19.7 x 11.4 cm

Weight: 5kg



Bruttour International Pty Ltd

P.O. Box 118, Thornleigh, NSW, 2120, Australia.

Tel: +61 2 9481 8730 Fax: +61 2 9484 1978

E: bruttour@attglobal.net W: www.bruttour.com.au