



Unique Group

Uni-Pact

A Unique USV
(Unmanned
Surface Vehicle)



The **Uni-Pact**, has been developed to complement larger survey vessels used for survey and support tasks where a smaller vehicle is better suited to missions, offering efficient bathymetry from an unmanned platform. Made of asymmetric tough moulded polyethylene catamaran hull and an alloy deck, the Uni-Pact is incredibly stable and versatile.

The market leading multibeam and single beam, shallow water bathymetric survey systems can be closely integrated with ancillary sensors and communication links into a proven remote-controlled platform for quick and easy deployment. It allows surveying in locations and situations in which deployment of conventional platforms is not practical.

Key Features:

- Fully integrated & calibrated USV survey solution
- Easy to mobilize & operate
- 4G and Wi-Fi data telemetry for remote operation
- Can be controlled manually or to follow pre-programmed routes that can be updated at any point through an easy PC based GUI
- Reconfigurable payload pod allows for mounting of sonar or other sensors
- Up to 3 knots of survey speed
- Ideal for very shallow waters



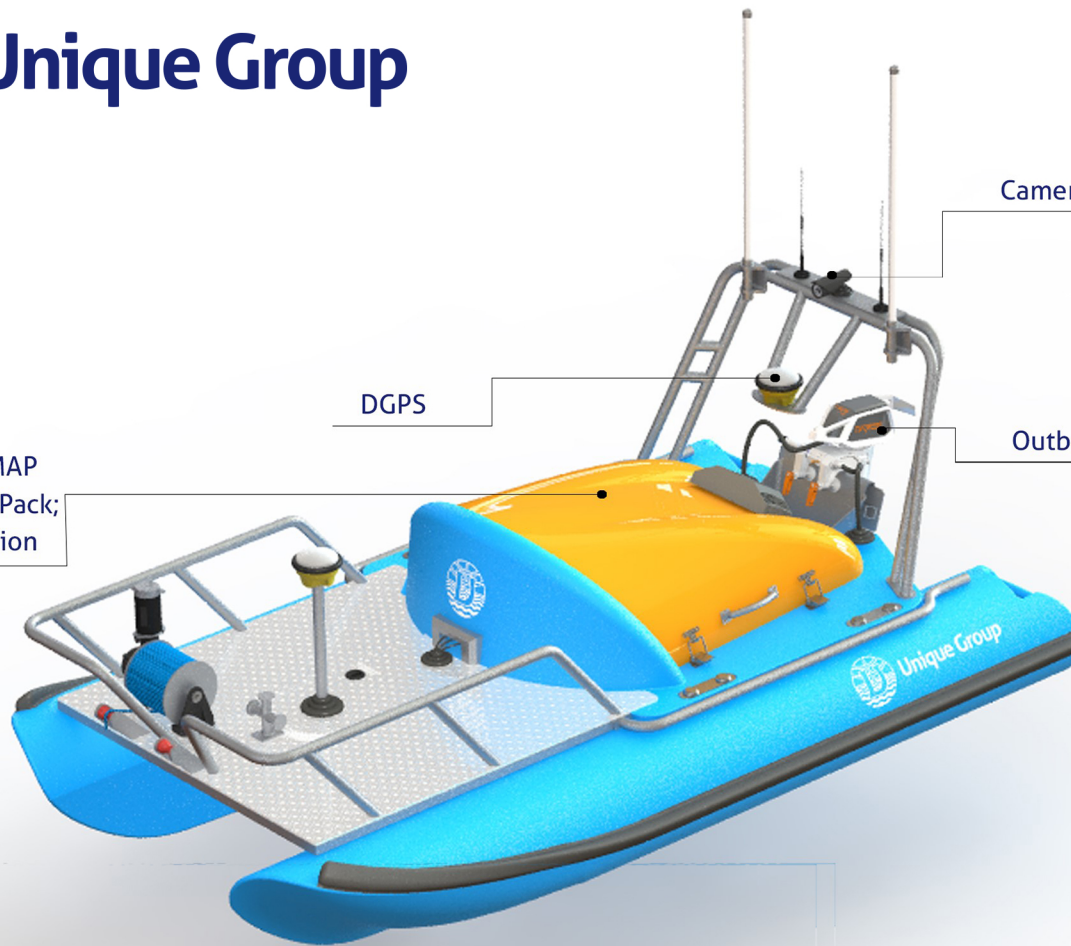
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Navigation; MAP
PRO; Battery Pack;
Data Acquisition

DGPS

Camera

Outboard Engines



Technical Specifications

Length	3 m (10')
Beam	1.6 m
Draft	0.45 m
Weight of Base Boat	412 kgs
Propulsion	1 X 24VDC Electric engines (Torqeedo Cruise 2.0RS)
Remote Control	M.A.P. Autopilot system
Data Telemetry	4G & Wi-Fi
Battery Pack	1 x 13.25V / 180 Ah Li-ion
Endurance	8 hours

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