

UNI-PACT

Unmanned Surface Vessel



1. Introduction

Unique Group has developed the Uni-Pact, to offer 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.



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2. Features

- › Fully integrated and calibrated USV survey solution
- › 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
- › Survey PC independent of Uni-Pact autopilot and control PC
- › Survey software agnostic, capable of use with Hypack, QINSy or Eiva etc





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3. Specifications

Length	3 m
Beam	1.6 m
Draft	0.45 m
Weight	412 Kgs
Endurance	8 hours
Propulsion	1 x 24VDC Electric engines (Torqeedo Cruise 2.0RS)
Remote Control	M.A.P Autopilot system
Data Telemetry	4G and Wi-Fi Radio
Batteries used	1 X 13.25V / 180Ah Li-ion battery
Speed	3-5 Knots
Optional Features	<ul style="list-style-type: none">• Commercial payloads to date include MBES, SBES, SBP, Hydropact pipetracker, FIGS CP system• Can be configured with Norbit iLiDAR• Can be configured with an add-on Sensor Raft• Additional cameras can be added based on requirement

[Check out Unique Group's range of USVs here.](#)



UNI-MINI



UNI-MAX

Get in touch for end to end Subsea Solutions.

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