Unique Group



UNI-MINI

Unmanned Surface Vessel



1. Introduction

Unique Group has developed the Uni-Mini, compact and lightweight vehicle which can be used in the shallow area survey.

The Uni-Mini USV is a compact and lightweight vehicle which can be used in shallow area surveys with a facility to integrate with the choice of transducer and GPS system.

Unique Group



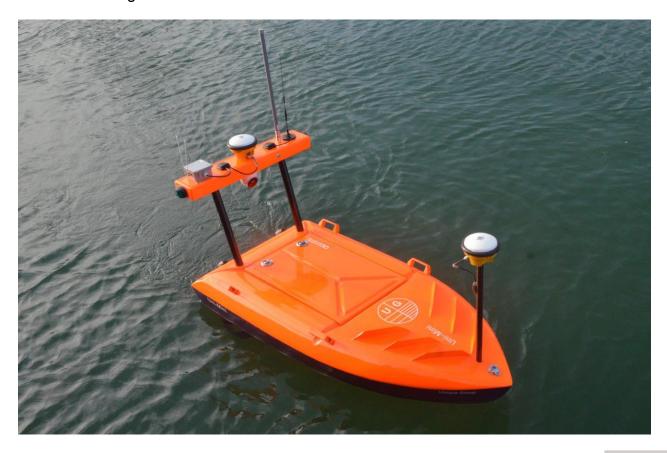
UNI-MINI

Unmanned Surface Vessel

The Uni-Mini can perform all the survey tasks with minimal effort and manpower. The features enable the user to perform all hydrographic survey operations from land with minimal to low risk levels.

2. Features

- > Two person transportable.
- > 4 hours (Swappable batteries).
- > Autonomous and remote-control operation.
- > Ability to integrate dual/single antenna-based GPS system.
- > MiniPilot Autonomous system.
- > Front facing camera.



Unique Group



UNI-MINI

Unmanned Surface Vessel



3. Specifications

Length	1.675 m
Beam	0.784 m
Weight	65Kgs
Battery Endurance	4 hours (Swappable batteries)
Motor	2 X brushless DC thrusters
Hull Material	Carbon Fibre
Steering	Differential
Ground Control Unit	900MHz (433MHz using Futaba controller)
Remote antenna	Omni directional
Remote range	2 Kms (Line of sight)
GPS	Any survey grade GPS with NMEA output
Batteries used	1 X 25.6V/78Ah LiFePO4 battery
Speed	3-5 Knots
Communication	WiFi – Radio, 4G is optional
Optional Features	 > Survey software integration. (Quincy/Hypack) > Uni-Mini is compatible with all major industry-standard products subject to dimensions and weight constraints. > Additional cameras can be added based on requirements.

Get in touch for end to end Subsea Solutions.

MIDDLE EAST

UAE, Abu Dhabi Unique System U

T: +971 2 557556 E: uaesales⊡ uniquegroup.com

UAE, Sharjah

Unique System FZE T: +971 6 5130333 E: uaesales⊚ uniquegroup.com

Saudi Arabia, Al Khobar

Muraba Alsahara Trading Company T: +966 59 7012365 E: ksasales@ uniquegroup.com

Qatar.Doha

Unique System TR & ENG WLL T: +974 44147079 E: qatarsales@ uniquegroup.com

AFRICAS

South Africa, Cape Town

Unique Hydra (Pty) Ltd T: +27 21 835 7900 E: sasales⊡ uniquegroup.com

AMERICAS

USA, Georgia, Suwanee

Water Weights Inc T: +1 909 626 8316 E: buoyancyballast₪ uniquegroup.com

USA, California, Montclair

Water Weights Inc T: +1 909 626 8316 E: buoyancyballast@ uniquegroup.com

USA, Texas, Houston

Unique System LLC T:+17139376193 E: usasales@ uniquegroup.com

ASIA PACIFIC

India, Navi Mumbai

Unique Hydra (India) Pvt. Ltd. T: +91 22 27619975 E: indiasales@ uniquegroup.com

India, Vizag

Unique Hydra (India) Pvt. Ltd. E: uhi@ uniquegroup.com

Australia, Perth

Unique Subsea Australia Pty. Ltd. T: +61 418 205 212 E: aussales@

uniquegroup.com

Singapore

Unique System (SEA) Pte Ltd. T: +65 6542 1800 E: fareastsales@ uniquegroup.com

UK + EU

Netherlands, Werkendam

Unique System BV T: +31 850 513700 E: usbv@uniquegroup.com

UK, Isle of Wight

Unique Seaflex Ltd T: +44 1983 290 525 E: buoyancyballast @uniquegroup.com

UK, Aberdeen

Unique System (UK) Ltd T: +44 1224 723742 E: abzquotes@ uniquegroup.com



https://www.uniquegroup.com/

Imagine your possibilities and together let's accomplish them.

Together for a sustainable tomorrow.

