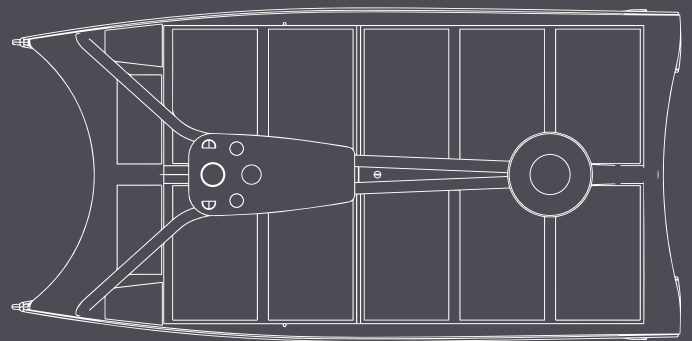
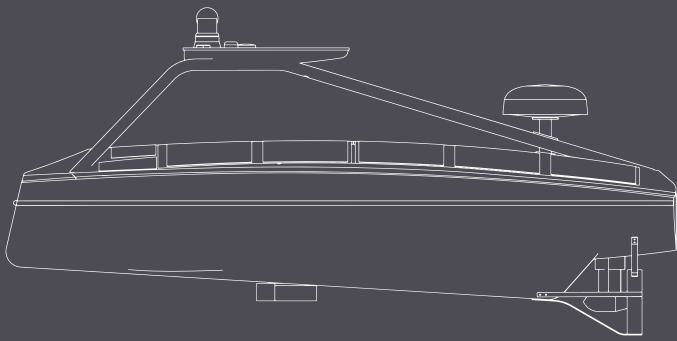


Ocean data, delivered.

Using Unmanned Surface Vessels (USVs) XOCEAN provides turnkey data collection services to surveyors, companies and agencies.



Physical Dimensions

Length	4.5m
Width	2.2m
Height	2.2m

Applications

Fisheries
Bathymetric Survey
Data Harvesting
Metocean Data
Environmental Monitoring

Technical Specification

Model name	XO-450
Hull	Composite wave piercing catamaran type
Weight	750kg
Payload	100kg
Propulsion	2 x DC drives
Steering	Differential steering
Hybrid power system	Solar deck lithium-ion batteries micro diesel generator
Continuous electrical load	3kW
Speed	4.0 knots
Endurance	18 days range 1,512nm
Communications	Over horizon via satellite broadband
Control	Control via XOCEAN Cyberdeck
Situational awareness	AIS thermal imaging camera visible light cameras image detection
Conspicuity	Active radar reflector AIS transmissions navigation lights sound signals
Transportation	Road trailer shipping container
Sensor mounting	Sonar post SVP winch MRU weather station

XOCEAN®

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XO-450

Unmanned Surface Vessel (USV) Specification

