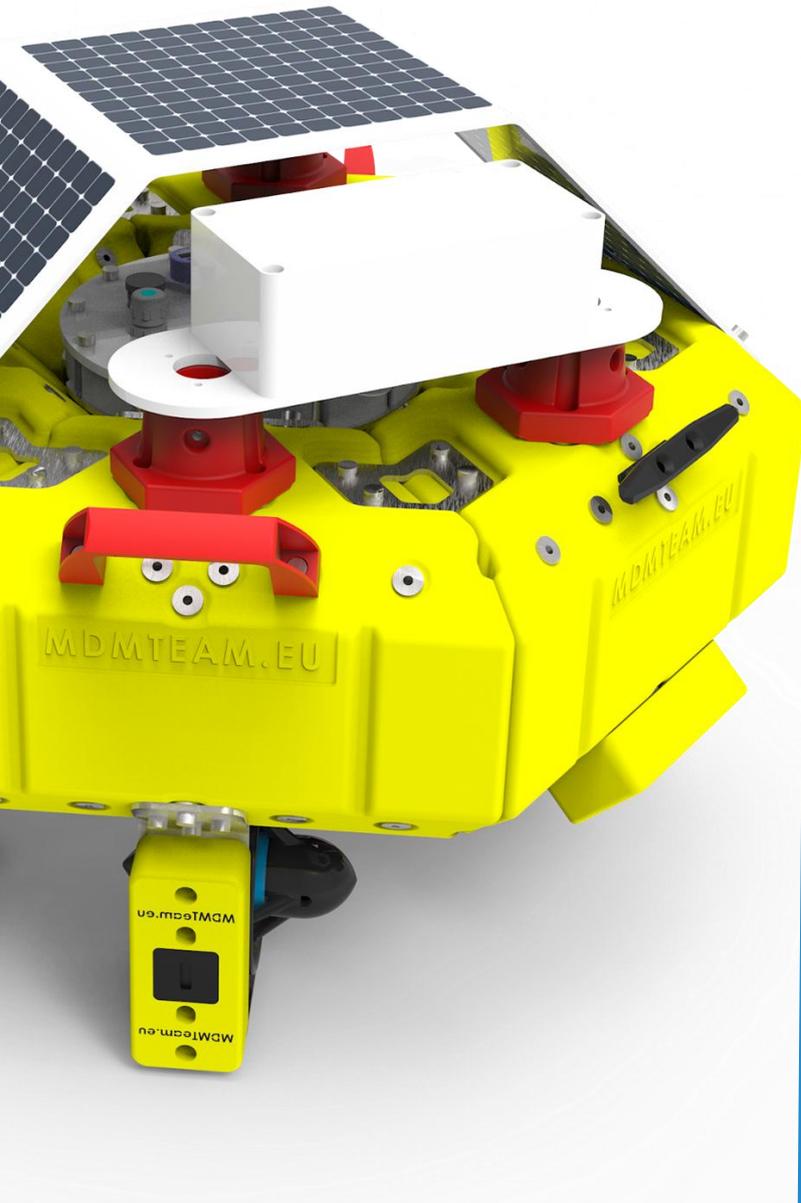




MDM ULYSSES

UNMANNED MODULAR SURFACE VEHICLE



MECHANICAL / ELECTRICAL

Dimension	560x560x400mm
Weight	14Kg
Buoyancy	10Kg
Material	HDPE/PMMA/NYLON Stainless Steel
Power	460Wh / 14.8V
Motors	2x 350W

FEATURE

Processing Unit	ARM v8 Cortex-A72 1.5Ghz / 8Gb RAM
Network Connections	WiFi 2.4GHz, UHF 868 MHz
Navigation	GPS MEMS Magnetometer MEMS Inertial Measurement Unit
Control Modes	Automatic Path Planning Station Keeping Manual Control

CONTROL STATION

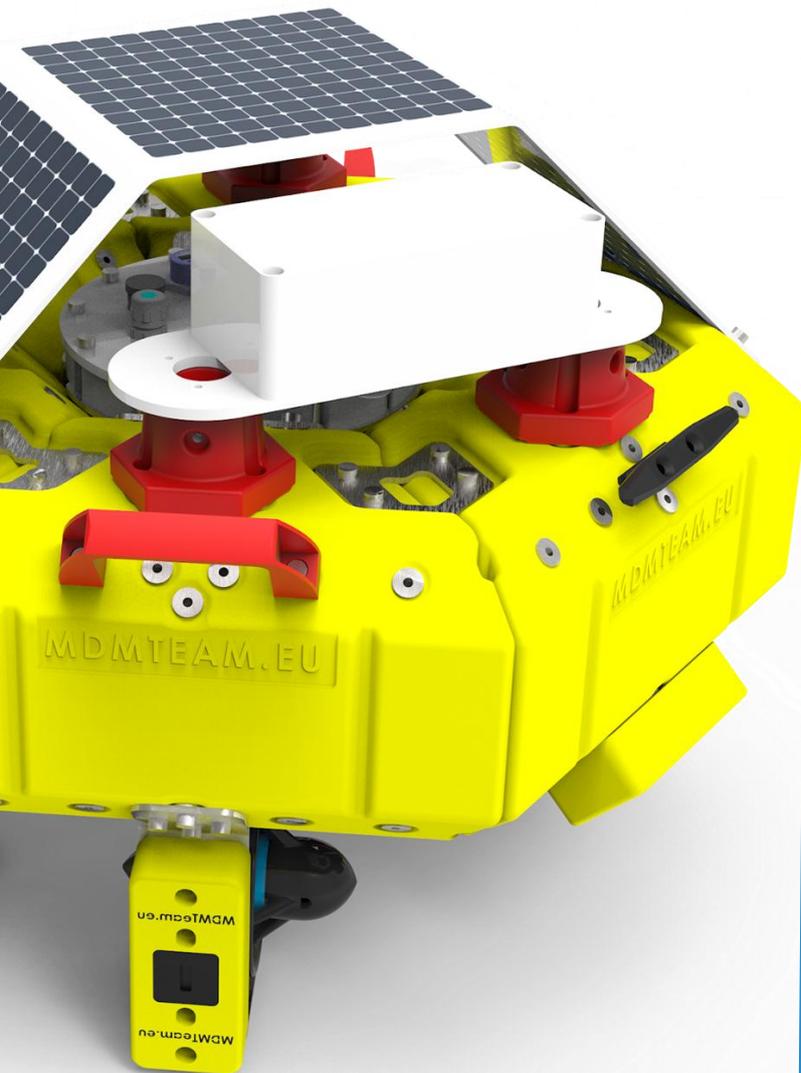
IP Rating	IP65
Connections	WiFi 2.4GHz, UHF 868 MHz
User Interface	Touch Panel / Joystick

MDM TEAM SRL
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www.mdmteam.eu



MDM ULYSSES

UNMANNED MODULAR SURFACE VEHICLE



OPTIONAL	
Motors	3x 350W
Custom Devices	Camera, IR Camera, Lidar, etc.
Water Analysis	Temperature pH Electrical Conductivity Oxidation Reduction Potential Dissolved Oxygen

CUSTOMIZATION	
Different Shape	Increase buoyancy and payload capability
Large Battery Pack	Extend endurance
Motors 500W	Suitable for large shape setup and strong currents
AI CPU	Possibility to install additional CPU to handle specific AI needs
Development Kit	Units can be provided with development kit to include customer specific code.

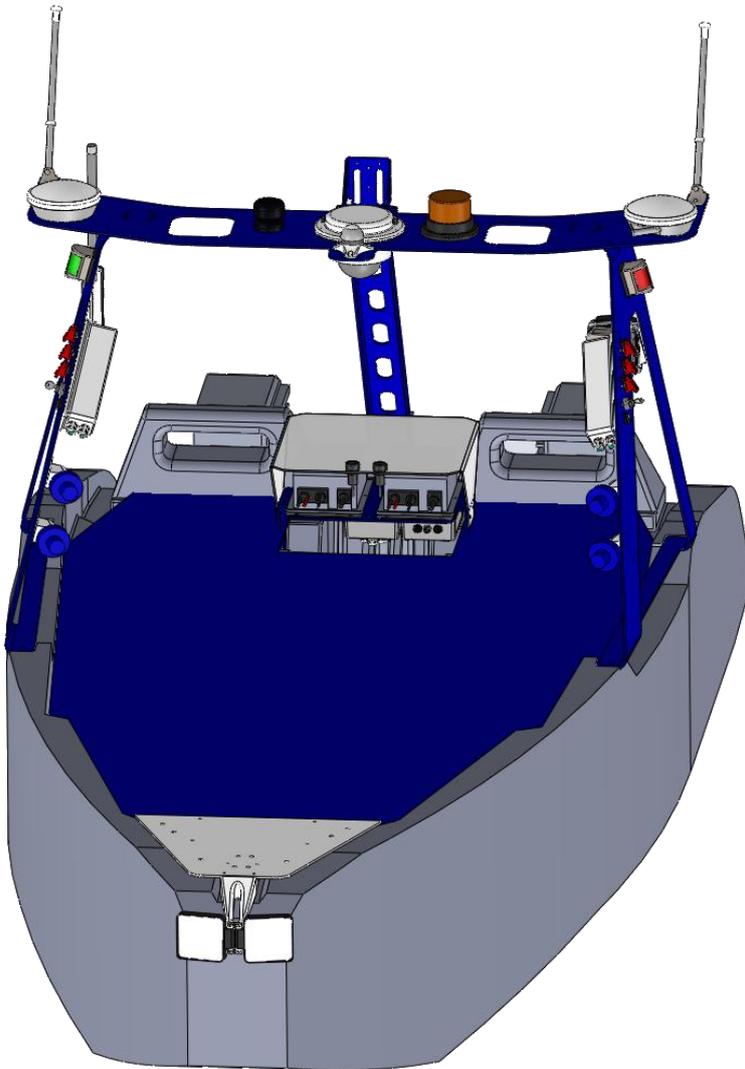
PRICE	
USV BUOY - CARIDDI 2x350W- 460Wh	From 26 000 € ex. VAT
USV CATAMARAN - ARGO 4x 450W- 920Wh	From 52 000 € ex. VAT
Extra C2C	From 14 000 € ex. VAT

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MDM AGAMENNONE

HIGH PERFORMANCES
UNMANNED SURFACE VEHICLE



MECHANICAL / ELECTRICAL

Dimension (LxW)	370x170 cm
Weight	500 kg
Material	HDPE/PMMA/NYLON Stainless Steel
Power	2x 10kWh
Motors	2x 11kW (RIM Thrusters)

FEATURE

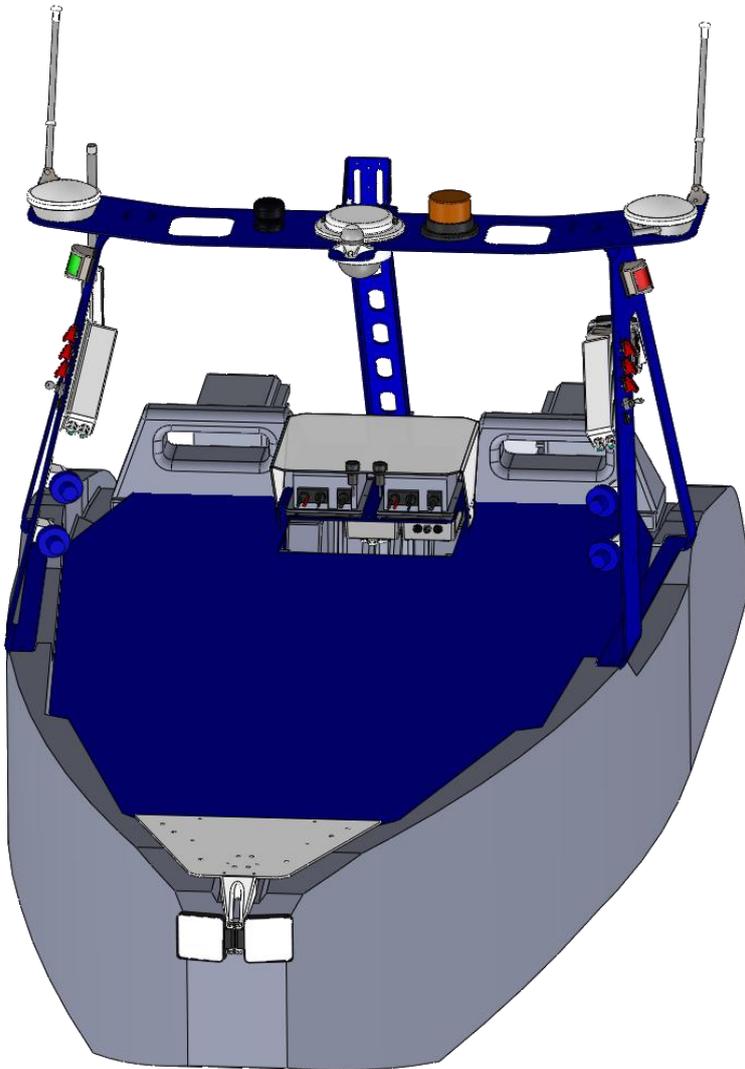
Processing Unit	AMD Ryzen Embed 8C16T
Network Connections	WiFi 2.4GHz, UHF 868 MHz
Navigation	2xGPS MEMS Magnetometer / IMU AINS
Sensors	Ultrasound Anemometer Power Monitoring System
Payload	Pan/Tilt Camera
Control Modes	Automatic Path Planning Station Keeping Manual Control Visual Tracking
Development Kit	Units can be provided with development kit to include customer specific code.

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MDM AGAMENNONE

HIGH PERFORMANCES
UNMANNED SURFACE VEHICLE



CONTROL STATION

IP Rating	IP65
Connections	WiFi 2.4GHz, UHF 868 MHz
User Interface	Touch Panel / Joystick
Features	Vehicle Simulator Operator Training
Development Kit	Units can be provided with development kit to include customer specific code.

OPTIONAL

Acoustics	Sidescan sonar (single or dual frequency)
Connection	Satellite (IRIDIUM/Starkink) Acoustic Modem Custom Radio Link
Imaging	Pan/Tilt Camera Infrared Camera
Water Analysis	Temperature pH Electrical Conductivity Oxidation Reduction Potential Dissolved Oxygen

PRICE

USV BOAT 2x11kW- 2x10kWh	From 200 000 € ex. VAT
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