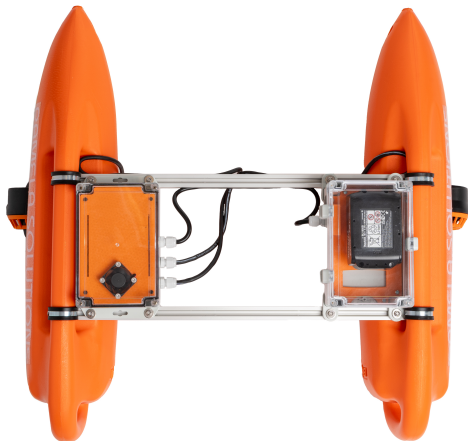


## eDNA package

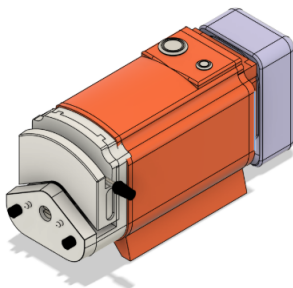
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Dimensions	81 x 70 x 40 cm
Weight	8 kg
Payload Capacity	3 kg
Range (basic)	2 km or 1 hour
Range (extended)	4 km or 2 hours
Communication	LTE, ISM
Sensor interfaces	RS232, RS485 (MODBUS), ETH
Speed	1 m/s

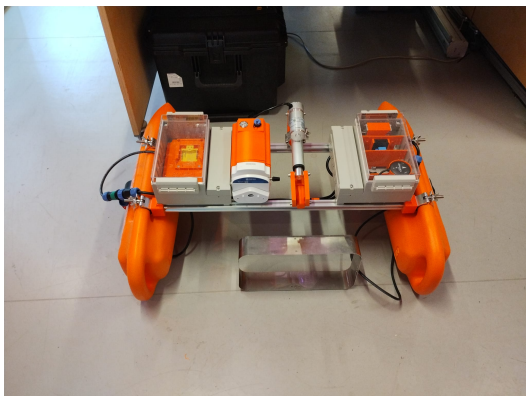
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### Payload features



On-board in-situ pump for water filtration or collection  
Compatible with tubing size ID: 1.6-8.0mm WT: 1.6-2.5mm  
OD: ≤11.4mm  
Configurable speed for compatibility with different eDNA filters  
Optional filter housing or water collection container  
Integrated flow meter for volume measurements  
Programmable stop/start at specific locations  
Optional: parallel duplicate samples  
Can be combined with manta trawl payload

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### Operation modes

Manual operation with radio controller  
Autopilot operation with user-programmed route  
using QGroundControl software on remote control  
tablet

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