

## eDNA package

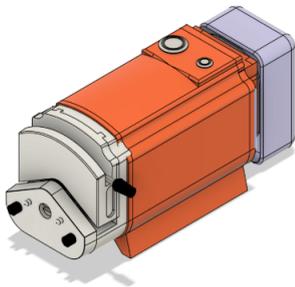
---



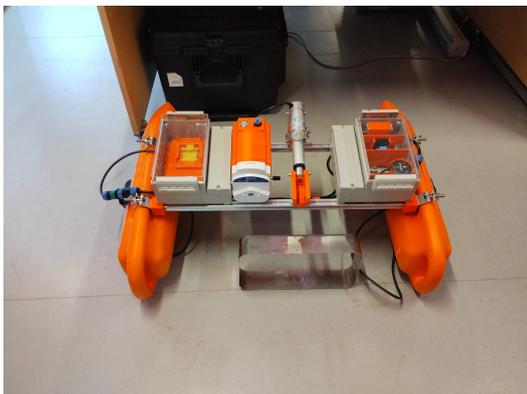
Dimensions	81 x 70 x 40 cm
Weight	8 kg
Payload Capacity	3 kg
Range (basic)	2 km or 1 hour
Range (extended)	4 km or 2 hours
Communication	LTE, ISM
Sensor interfaces	RS232, RS485 (MODBUS), ETH
Speed	1 m/s

---

### 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
- 



### Operation modes

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