

## LONG RANGE DATA COLLECTION

Seasam Navigator is a companion device to the Seasam Drone, and can also be used independently.

In companion mode, it expands the horizons of what can be done with an underwater ROV.

When used as an independent buoy, it creates plenty of new opportunities for easy-to-deploy maritime applications.



## USE CASES



### 1 ROV SURFACE RELAY BUOY

Extend the reach of your ROV inspection capability with high bandwidth, over-the-air connection to its ground station, up to 300 meters from the operator.

- Removes the need for a boat when inspecting near-shore, lakes, pools, etc.
- Reduces the presence of tether cable in water for increased security and less disruption of surrounding operations.



### 2 DATA GEOLOCATION

Geolocate your underwater findings thanks to surface GPS, combined with underwater location of your Seasam ROV.

- Real time GPS location of Seasam Navigator and Seasam Drone in pilot application.
- Display of Navigator/Drone course and covered area.
- Drop pins to record, retrieve and report the location of areas of interest easily.

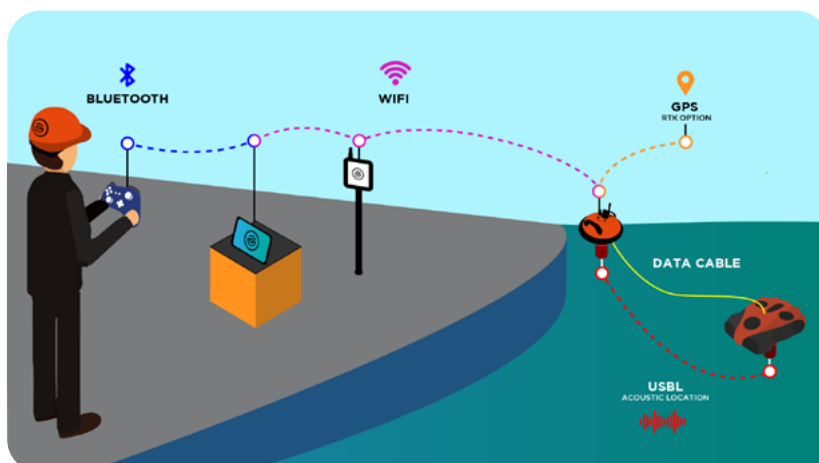


### 3 PROPELLED & AUTONOMOUS

With 3 propellers and built-in autonomous capability, Seasam Navigator is an independent surface vehicle able to support Seasam drone's missions, or carry its own.

- Independent piloting through Seasam app.
- Autonomous position keeping at surface
- Waypoint navigation
- 2kgs payload

## CONNECTION INFORMATION



Seasam Navigator can be used as a long-range WiFi relay for the Seasam ROV.

When used with its USBL add-on, it is also able to provide precise underwater location relating to the ROV position.

# SEASAM NAVIGATOR

## TECHNICAL SPECIFICATIONS

## SPEC SHEET

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Dimensions	400x400x325mm
Weight	3.8kg
Payload capacity	2kg
WiFi range	300m
Battery type	Lithium
Autonomy without / with motorization	8h / 4h
Connector type	Bulgin 4000 Series Buccaneer
Maximum nominal speed	50cm
Current resistance	1m/s
Drone connection cable length	Customizable
Groundstation height / weight	1,7m / 1.1kg
GPS position accuracy	1m diameter
GPS position accuracy with RTK option	2cm

## CONTACT US

**Email** - [seasam@notiloplus.com](mailto:seasam@notiloplus.com)

**Website** - [seasam.notiloplus.com/contact](https://seasam.notiloplus.com/contact)

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