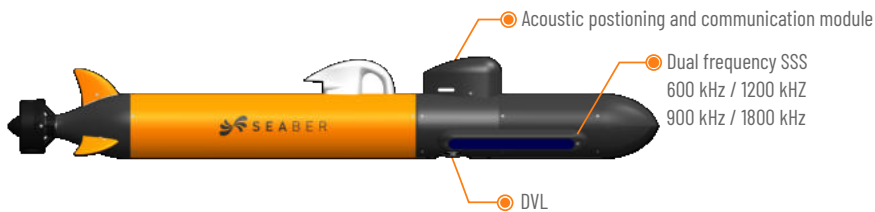


# MARVEL micro-AUVs for survey and MCM

## MARVEL

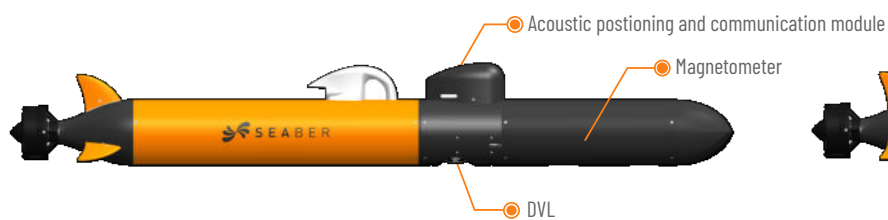
### MARVEL-SCAN



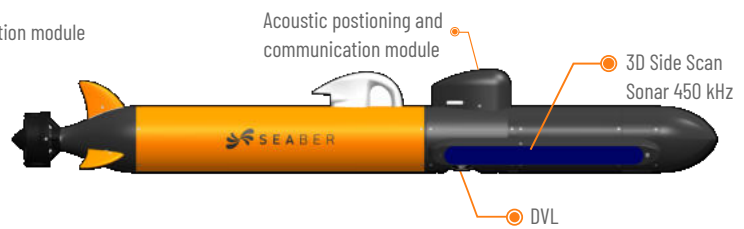
### KEY FEATURES

- Length : 98 cm to 128 cm
- Weight : 9.5 kg to 10.5 kg
- Diameter : 12 cm
- Depth rating : 300 meters
- Autonomy : up to 8 hours

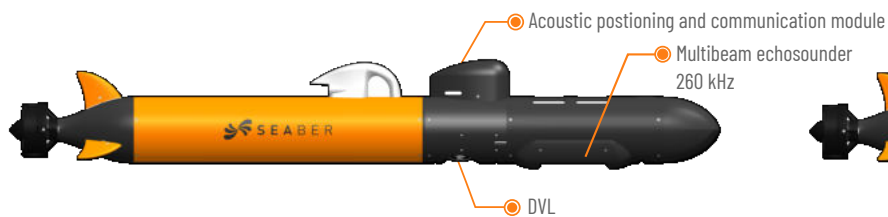
### MARVEL-MAGNETO



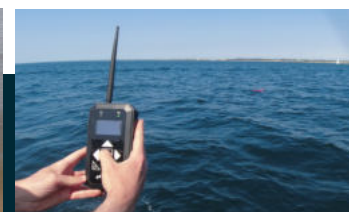
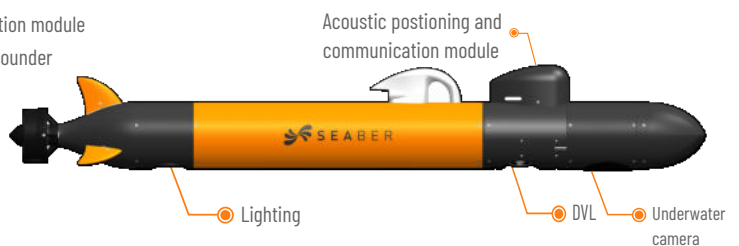
### MARVEL-3DSS



### MARVEL-MBES



### MARVEL-LUMEN



MARVEL is the new generation of autonomous underwater vehicles for defense and survey markets.

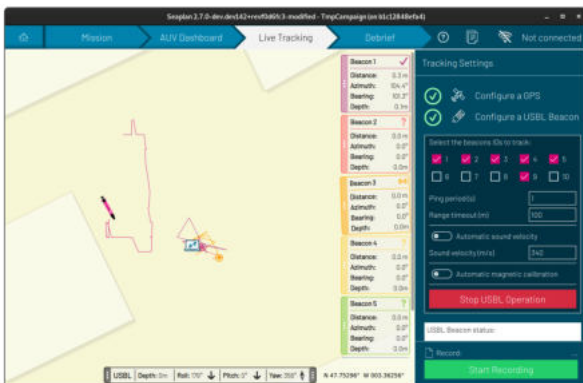
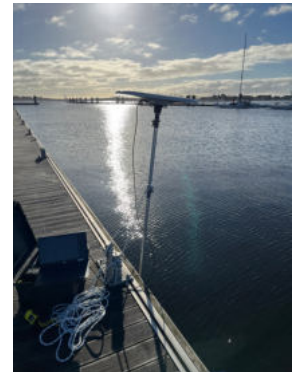


### Acoustic positioning and communication module

MARVEL is equipped with of-the-shelf Seatrak from BP to improve its navigation accuracy and be able to interact with the AUV while it's underwater through very quick and simple orders.

### Surface communication with SeaTrac unit

The surface communication module comes with all necessary equipment in a full package: Dual Antenna GNSS unit with RTK capabilities, Network Router and USBL communication module. Everything can be folded to be stored easily.



### Real-time positioning and navigation accuracy

Through the "Live Tracking" page of **SEAPLAN**, you can get all the information both about the AUV and about the USBL surface unit in real-time. You can track up to 10 AUVs at the same time. At a glance, you can follow the **MARVEL** position in real-time and you will receive at each ping the distance, azimuth, bearing and depth of the AUV. While the **MARVEL** is doing its mission underwater, you can send orders to the AUV through the surface unit.

Every **MARVEL** comes with a set of accessories, including spare fins and a rugged transportation case especially designed to easily and safely move the **MARVEL** anywhere. And a case that includes USBL surface unit and its pole.



## Contact

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This document consists of marketing information subject to change without notice. Please contact us for the latest revision.

With MARVEL, take your measurement further

