

MACHINE VISION FOR SAFETY AT SEA

SEA.AI

NOW YOU SEE.



ADVANCED SITUATIONAL AWARENESS

SEA.AI alerts crews early and reliably about floating hazards including those that escape conventional systems such as Radar or AIS.

The system's artificial intelligence uses Machine Vision and deep learning technology, drawing on an ever-growing proprietary database of millions of marine objects.

SEA.AI vs. conventional assistance systems	SEA.AI	AIS	RADAR
Detecting persons in water / floating objects	✓	-	-
Detecting and recognizing small boats	✓	-	-
Recognizing ships / large boats	✓	✓	-
Detecting ships / large boats	✓	✓	✓
Detecting squalls / weather fronts	-	-	✓
Detecting land structures	-	-	✓



SEA.AI OFFSHORE & COMPETITION







SEA.AI Competition



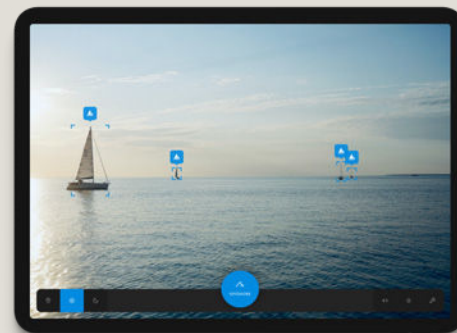
SEA.AI Offshore

DETECTION RANGES*

				
Offshore ONE	up to 100 m	up to 250 m	up to 1,000 m	horizon
Offshore 320	up to 100 m	up to 450 m	up to 1,300 m	horizon
Offshore 640	up to 150 m	up to 750 m	up to 2,000 m	horizon
Competition 320	up to 100 m	up to 450 m	up to 1,300 m	horizon
Competition 640	up to 150 m	up to 750 m	up to 2,000 m	horizon

* ranges may vary, depending on weather conditions

FUNCTIONALITIES

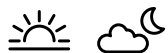


- ✓ Smart object detection
- ✓ From 50° to 110° Field of View
- ✓ Detection of persons overboard
- ✓ System alarms based on threat-level
- ✓ Information on detected objects: classification, range and bearing
- ✓ 3 view modes. Augmented reality day view. Thermal view. Map view

NOW YOU SEE.



BOOST SITUATIONAL
AWARENESS WITH
INTELLIGENT ALARMS



SEE BETTER THAN
THE HUMAN EYE,
DAY AND NIGHT



MAKE BETTER-
INFORMED DECISIONS
BASED ON COMPLETE
UNDERSTANDING OF THE
VESSEL'S SURROUNDINGS

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SEA.AI SAILING

