


MACHINE VISION FOR THERMAL CAMERAS

SEA.AI 

NOW YOU SEE.



ARTIFICIAL INTELLIGENCE FOR THERMAL CAMERAS

SEA.AI uses advanced machine vision and deep learning to automatically detect floating hazards, including those that escape conventional systems like Radar or AIS.

Integrating SEA.AI's Brain with a thermal camera ensures constant monitoring and enhances situational awareness, providing reliable alerts to the crew.

<u>SEA.AI vs. conventional assistance systems</u>	<u>SEA.AI</u>	<u>AIS</u>	<u>RADAR</u>
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	-	-	✓

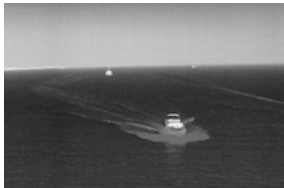


SEA.AI BRAIN

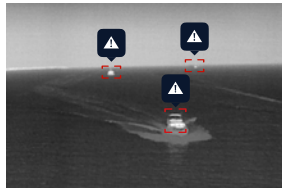


SEA.AI's Brain processes images from existing thermal cameras to deliver unparalleled digital awareness of a vessel's surroundings. As a leader in maritime machine vision, SEA.AI's Brain leverages the largest and continuously growing proprietary database of millions of annotated marine objects. This technology enhances the performance and usability of existing cameras, maximizing their potential with automatic alarms.

BOOST YOUR THERMAL CAMERA WITH SEA.AI



Thermal Camera Only



With SEA.AI Brain

FUNCTIONALITIES



- ✓ Artificial intelligence from the leader in maritime machine vision technology.
- ✓ Seamlessly integrates with ONVIF-S compatible thermal cameras.
- ✓ Provides smart object detection and alarms.
- ✓ Detects small objects, including persons overboard.
- ✓ Offers three operating modes: Collision Avoidance, 360° Surveillance, and Manual.
- ✓ User interface compatible with iOS, Android, Windows, and Mac.

NOW YOU SEE.



BOOST SITUATIONAL
AWARENESS WITH
INTELLIGENT ALARMS



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



UNMATCHED ACCURACY
WITH THE LEADING
MARINE OBJECT DATABASE

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