



# Lookout+

Enhanced Maritime Situational Awareness. An optical radar, leveraging machine learning to help you navigate the waters safely.

Suitable for boats of all sizes and types

## The problem

AMSA requires vessels to have lookouts for safe navigation.

Radar and AIS excel at long-range detection but struggle with hazards such as whales and semi-submerged shipping containers.

## The solution

Realtime detection, classification and tracking of vessels and other maritime hazards including wildlife.

Range and bearing estimation for tracked targets.

Advanced data-fusion across Optical, IR, radar, and AIS sensors.

Retrofits to existing or new vessels.

Integrates with autonomous navigation systems such as GAMA.

## How it works

*Enhance Situational Awareness in 4 Steps*

**Step 1** Install Lookout+ compute unit on vessel

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**Step 2** Install cameras or connect any existing cameras

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**Step 3** Configure alerts matching your objectives such as unmarked hazards, vessels or whales

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**Step 4** Conduct safer and more efficient maritime operations