


MACHINE VISION FOR SAFETY AT SEA

SEA.AI 

WATCHKEEPER SERIES

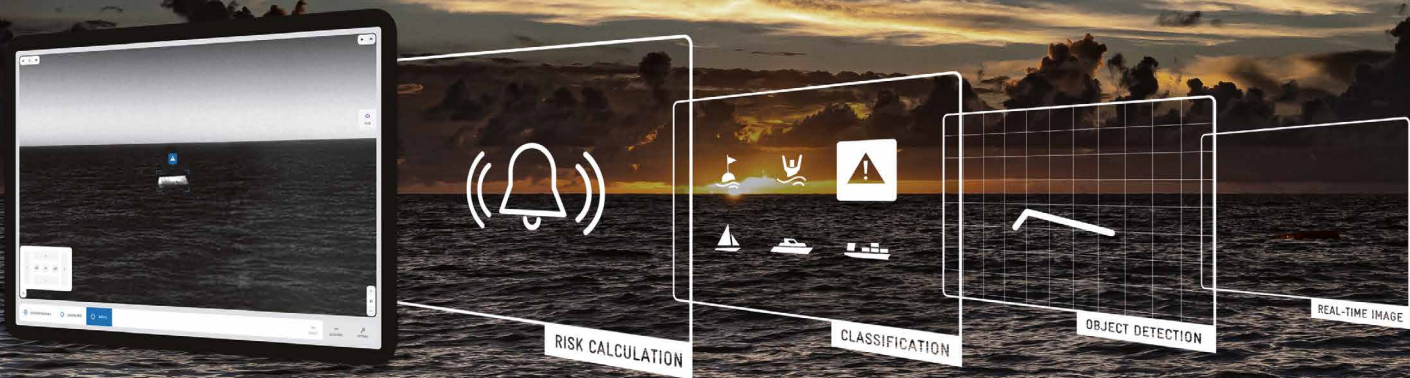


ENHANCED SITUATIONAL AWARENESS FOR EVERY BOATER

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.

<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 WATCHKEEPER SERIES



The SEA.AI Watchkeeper Series offers stress-free navigation and affordable safety for all boaters. Featuring advanced night vision and an ultra-wide field of view, it delivers reliable day-and-night safety. With Machine Vision technology, Watchkeeper ensures clear awareness and peace of mind in any conditions.

KEY BENEFITS

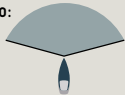
- ✓ AI-based Detection & Alerts: Real-time collision warnings for your safety at sea.
- ✓ Clear Vision: Superior lowlight and nighttime performance.
- ✓ 4K Ultra-Wide Camera: Sharp imaging with a broad view.
- ✓ Compact & Durable: Built for tough marine conditions.
- ✓ Seamless MFD Integration: Easy and intuitive to use.
- ✓ Easy Installation: Quick setup for every powerboat.
- ✓ 4 Models Available: Choose what fits your needs.

Watchkeeper Lite

No thermal camera
4k Lowlight (135° HFov)

Detection range up to:

- 65m (Buoy)
- 350m (RIB)
- 900m (Yacht)

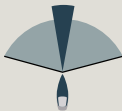


Watchkeeper 320

320px Thermal (24° HFov)
4k Lowlight (135° HFov)

Detection range up to:

- 110m (Buoy)
- 500m (RIB)
- 1300m (Yacht)



Watchkeeper 640

640px Thermal (24° HFov)
4k Lowlight (135° HFov)

Detection range up to:

- 220m (Buoy)
- 960m (RIB)
- 2500m (Yacht)



Watchkeeper 1280

1280px Thermal (48° HFov)
4k Lowlight (135° HFov)

Detection range:

- 220m (Buoy)
- 960m (RIB)
- 2500m (Yacht)



NOW YOU SEE.




DETECTION AND
CLASSIFICATION OF
FLOATING HAZARDS



REAL-TIME ALERTS
FOR SAFER AND
FASTER DECISIONS



BEST-IN-CLASS
MARITIME MACHINE
VISION SINCE 2018

SEA.AI 



contact@sea.ai
www.sea.ai

