

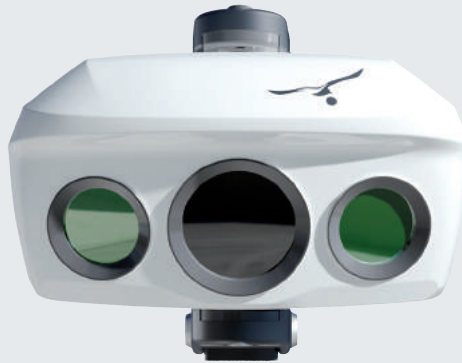


OSCAR

smart vision safe navigation

OSCAR

TECHNOLOGICAL INNOVATION



austria
wirtschafts
service



bpifrance



OSCAR is the first high-tech navigational aid system to be based on **machine vision and artificial intelligence**.
OSCAR is inspired by, and benefits from the **latest technological advances** in the autonomous driving and vehicle sector.
OSCAR has been developed by **leading international engineers** specialised in AI with help and major contributions from the **world's top offshore racing teams**.

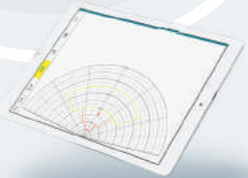


FFG
Promoting Innovation



OSCAR

AUGMENTED VIGILANCE

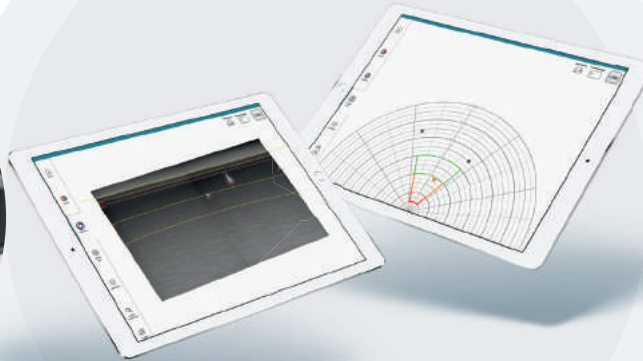


OSCAR improves **vigilance** and provides **increased safety** day and night.
OSCAR **detects floating objects and hazards**, whether they're identifiable or not (UFO), to significantly **reduce the risk of impact** and collisions.
OSCAR is suitable for **all types** of professional or recreational **boats**.



OSCAR

ON-BOARD TECHNOLOGY



The OSCAR Vision Unit is fixed to the top of the mast, or a signal mast, and constantly scans the area ahead of the boat using a combination of **interconnected thermal and color cameras**.

Weight: 750g / **Dimensions:** 144*114*96 mm

The OSCAR Application can be easily installed on most IOS or Android based **smartphones, tablets or on-board computers**.

The application displays floating objects in the **path of the vessel and its periphery**, according to the **navigation mode** selected.

The OSCAR Central Processing Unit provides real-time analysis of the video footage via **algorithms developed for artificial vision** and alerts in the event of a collision risk.

Weight: 1550g / **Dimensions:** 219*187*81 mm

OSCAR

ARTIFICIAL INTELLIGENCE



OSCAR's Artificial Intelligence Engine is based on **deep learning**, a self-learning process based on artificial neural networks inspired by the human brain. OSCAR's **intelligence** continuously grows, and **performance** improves, as the system is exposed to new data inputs from the individual system and the **worldwide network** of OSCARs.



OSCAR

CONTACT US !

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