

OSCAR

smart vision safe navigation



SENTRY

Latest camera technology meets Artificial Intelligence to bring highly advanced object recognition to the bridges of motor vessels and yachts. Detect early. Identify reliably. Avoid safely. Large and small, day and night.

OSCAR SENTRY

OSCAR Sentry brings a radical new approach to safety at sea, combining latest sensor technology with machine learning and artificial intelligence. OSCAR Sentry continuously scans the environment with a combination of daylight/lowlight and infrared cameras on a rotating unit that surveys 360 degrees. Based on the experience of millions of recognized marine objects over more than 300,000 nautical miles traveled at sea, OSCAR's

technology will reliably warn you before objects become a hazard. OSCAR Sentry offers an intelligent alarm system for both collision avoidance and for approaching objects when at anchor, increasing safety in all conditions. Detecting temperature differences as small as 0,05°C, OSCAR Sentry can support search and rescue operations and help during person over board situations.

VISION & PROCESSING UNIT

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|--------------------|--|--|
| Thermal Cameras | FLIR Boson 640 x 512 25° HFOV, 14 mm FLIR Boson 640 x 512 8° HFOV, 55 mm | |
| Color Camera | 5MP Lowlight 2560x1944px , 34° HFOV, 8 mm 5MP Lowlight 2560x1944px , 8° HFOV, 35 mm | |
| Dimensions | 355 x 202 x 250 mm, 4.8 kg | Minimum Installation Height 5 m |
| Pan and Tilt Range | 360° / ±20° | Modes Navigation/Surveillance/Tracking |
| User Interfaces | Tablets, PC | Mean Power Consumption 50W - 70W |
| Processing Power | NVIDIA® Jetson AGX Xavier™ | Image Processing Rate 10 fps |

DETECTION RANGE

600 m
(0.3 nm)

6000 m
(3.2 nm)

horizon

MSRP incl. VAT
€ 39,999
Annual software licence € 999
(first year free of charge)

NOW YOU SEE.

WWW.OSCAR-NAVIGATION.COM

BSB Group
Port La Forêt
29940 La Forêt Fouesnant | FRANCE
contact@bsb-marine.com