



# OSCAR

smart vision safe navigation



950m  
4 kn

# ONE 320

Intelligent recognition of objects at sea  
AI based system alerts you of any floating obstacle:  
large and small, day and night.

# OSCAR ONE 320

The ONE 320 combines camera unit and data processing in one. Directly connected to the bus system of your boat, you can enjoy thermal camera detection in a revolutionary design.

## VISION & PROCESSING UNIT

Thermal Cameras	320x256px, 50°	Dimensions	190 x 143 x 106 mm
Daylight Cameras	1920x1080px, 110°	Power Supply	24V DC
Detections	Thermal only	Mean Power Consumption	16W
Detection range	1000 m	NMEA	2000 compatible
Weight	990 g	Minimum Installation height	8 m
Pan range	no panning	Maximum length of mast	24 m



€ 9.999,-  
incl. VAT

## NOW YOU SEE.

[WWW.OSCAR-NAVIGATION.COM](http://WWW.OSCAR-NAVIGATION.COM)

BSB Artificial Intelligence GmbH  
Siemensstrasse 60  
4030 Linz | AUSTRIA  
[contact@bsb-ai.com](mailto:contact@bsb-ai.com)



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## ADVANCED SERIES

Intelligent recognition of objects at sea  
AI based system alerts you of any floating obstacle:  
large and small, day and night.

# OSCAR ADVANCED 640

The Advanced 640 is our top edge product developed and tested by the greatest ocean racers. With its high-resolution thermal cameras for maximum power and detection range.

# OSCAR ADVANCED 320

The Advanced 320 model was especially designed for ambitious crews with no compromise to functionalities. A robust but lightweight system is the result.

VISION UNIT	ADVANCED 640	ADVANCED 320
Thermal Cameras	640x512px, 50°	320x256px, 50°
Daylight Camers	1920x1080px, 110°	1920x1080px, 110°
Detections	Thermal and Daylight	Thermal and Daylight
Detection range	1500m	1000m
Weight	750g	750g
Pan range	±50°	±50°
Compatible	with rotating masts	with rotating masts
Dimensions	144 x 114 x 96 mm	144 x 114 x 96 mm
Mean Power Consumption	11W	11W
Minimum Installation height	8m	8m

PROCESSING UNIT	ADVANCED 640	ADVANCED 320
Interfaces	2 x Power, 2 x Ethernet, USB 2.0, Wi-Fi, NMEA 2000, Alarm Buzzer, Fuse holder	2 x Power, 2 x Ethernet, USB 2.0, Wi-Fi, NMEA 2000, Alarm Buzzer, Fuse holder
Power Supply	24V DC	24V DC
Weight	1550g	1550g
Dimensions	219x187x81 mm	219x187x81 mm
Mean Power Consumption	16W	16W

MSRP incl. VAT

€ 34.999,- € 23.999,-



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# SENTRY

Combining latest camera technology with artificial intelligence, OSCAR Sentry scans the environment continuously and automatically detects and recognizes any floating obstacle - large and small, day and night.

# OSCAR SENTRY

OSCAR Sentry addresses shortfalls of existing safety equipment with a radical new approach, combining latest sensor technology with machine learning and artificial intelligence: OSCAR Sentry continuously scans the environment with daylight/lowlight and infrared cameras. OSCAR Sentry will automatically detect and recognize objects at sea: Based on the ability to detect temperature differences of 0.09° F, based on the experience of millions of recognized marine objects, and based on more than 300,000

nautical miles traveled at sea, OSCAR Sentry reliably detects and recognizes objects before they become a hazard.

OSCAR Sentry offers intelligent alarming: for collision avoidance and for objects approaching ships at anchor.

OSCAR Sentry can support SAR efforts and MOB maneuvers by detecting, recognizing and tracking a POB in the water.

OSCAR Sentry will help to avoid collisions at sea and will increase safety at anchor.

## VISION & PROCESSING UNIT

Thermal Cameras (LWIR)	640x512px, 34° HFOV 640x512px, 8° HFOV	Low light cameras	2560x1944px, 34° HFOV 2560x1944px, 8° HFOV
Power Supply	24V	Pan, Tilt	360°, ±20°
Dimensions	355 x 202 x 250 mm	User Interface	onboard computer, mobile phone
Weight	≈4,8kg	Interfaces	Network RJ45 NMEA 2000 WiFi
E-Zoom	16x		



€ 39.990,-  
incl. VAT

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