

OSCAR

smart vision safe navigation

Quick Start Guide

Offshore / Competition Series

First time start up

User Registration:

To get your personal serial PW you need to register as OSCAR User.

https://www.oscar-navigation.com/index.php/user_registration/

For mounting and installation of the OSCAR Systems please see the latest installation manual. (User Registration required)

Turning the system ON/OFF:

The system will turn ON when power is applied *(It is recommended to use a dedicated switch on your panel).*

Start the OSCAR Application on your MFD by tapping on the OSCAR Icon on the MFD's APP overview. *(Startup of the system takes ~2 min)*

To run the OSCAR system on your smartphone or tablet connect to your boat WIFI or OSCAR WIFI and start the OSCAR Navigation APP.



Google Play - [OSCAR navigation](#)



Apple Store - [OSCAR navigation](#)

Connect your mobile device to the OSCAR System

1. Connect OSCAR using your on-board Wifi network

To run OSCAR via your mobile device you can use a wifi router or the MFD's internal wifi module to access the OSCAR System.

(Attention: for Navico MFDs a wifi router is required)

Please ask your local dealer/installer for further information about your specific network set-up.

2. Connect OSCAR using your MFD Wifi

- Connect you mobile device to the MFD internal wifi
- Open OSCAR on your MFD and tap on the "HELP" button on the welcome page**.
- Click "Connect to mobile using MFD wifi" and follow instructions
- Open OSCAR App on your mobile device and type in the IP address of OSCAR shown on the MFD

****Note:** To reach the welcome page from running OSCAR system. → Go to Settings – System – Disconnected – click on "click here to disconnect" and click proceed. ([watch video](#))

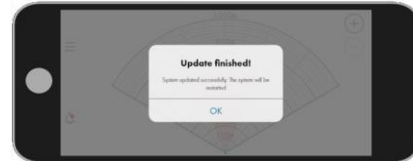
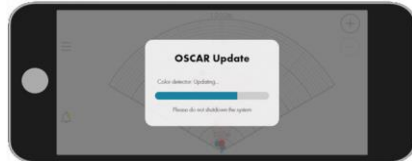
Updating your OSCAR System

Make sure you have downloaded the latest version of the *"OSCAR Navigation App"* on your smartphone or tablet.
Connect to your boat or MFD WIFI network to access the OSCAR System.
Start the OSCAR Navigation App on your mobile device.

'Update available' popup will automatically appear in your screen if a new Update is available.

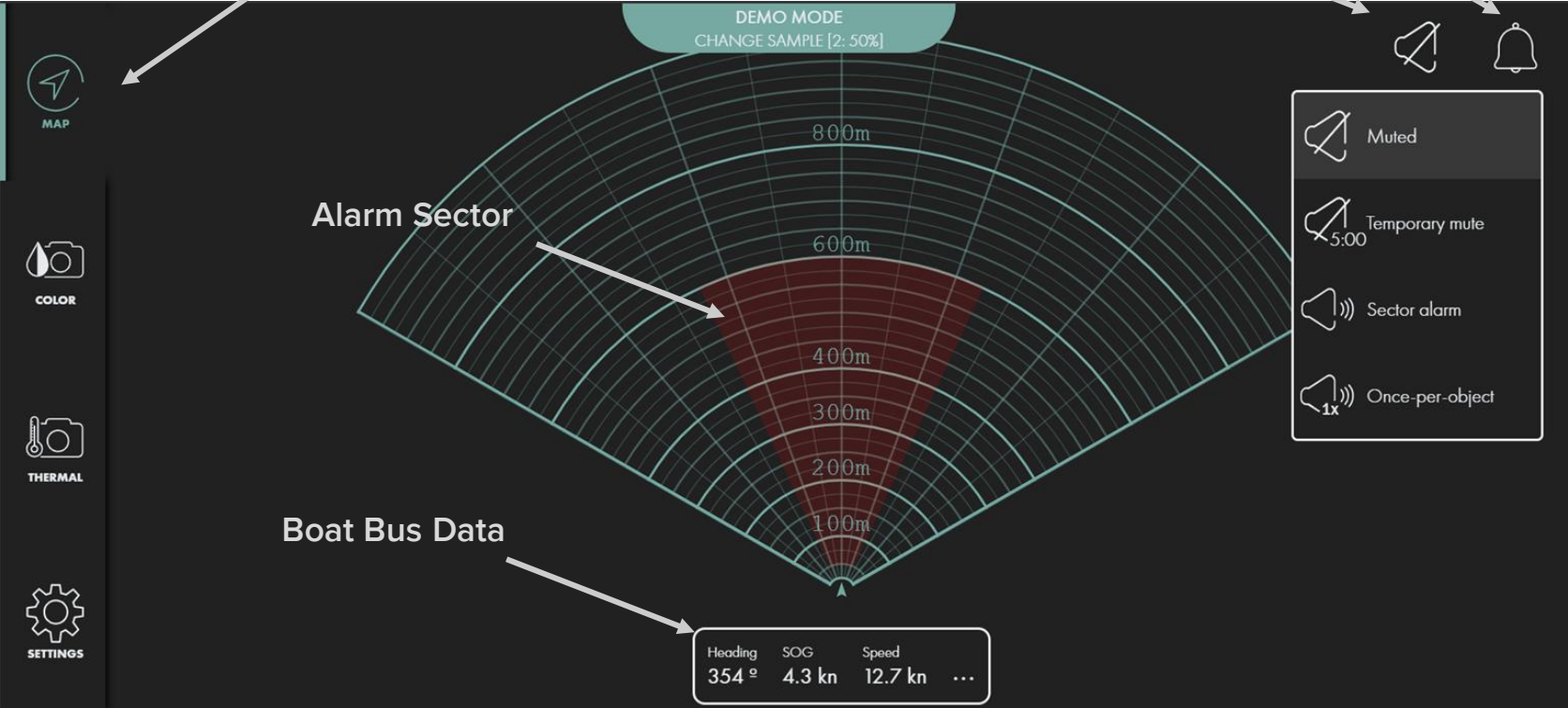
Click "Yes" to update the system to the latest OSCAR software version.

Attention: The Update process can involve multiple system restarts - connection to the mobile device will be lost - Updating and restarting will take several minutes - do not shut off the OSCAR System



Main Pages

Notification Center
Alarm modes



Alarm Sector

Boat Bus Data

Heading	SOG	Speed	...
354 °	4.3 kn	12.7 kn	...

The 3 main screens

The OSCAR System contains 3 main screens

OSCAR MAP

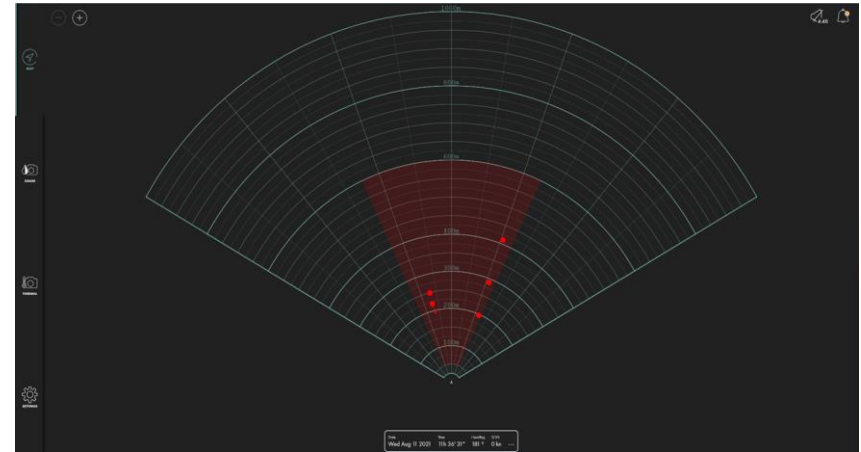
- Radar like view where detected objects are drawn
- Alarm sector is shown in red

Thermal Cam (50° FoV)

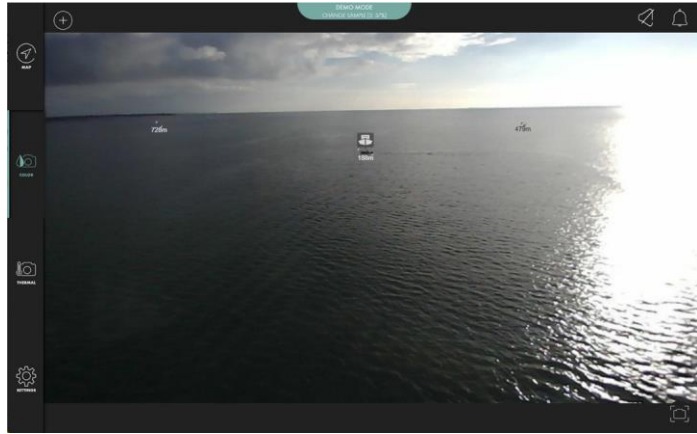
- Merged live images from the 2 thermal cams

RGB Cam (110° FoV)

- Live images from the color cam



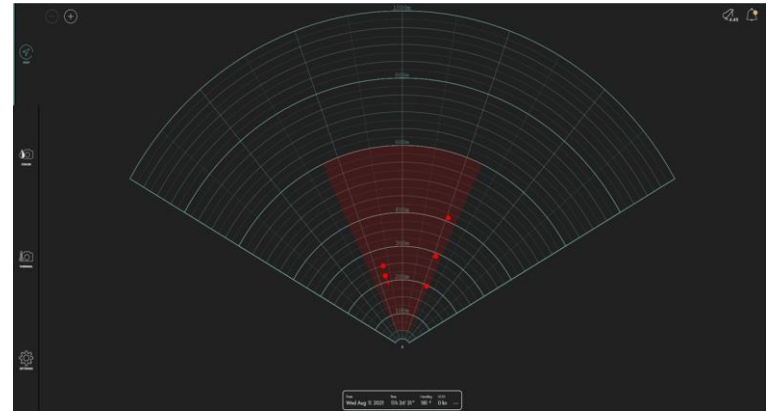
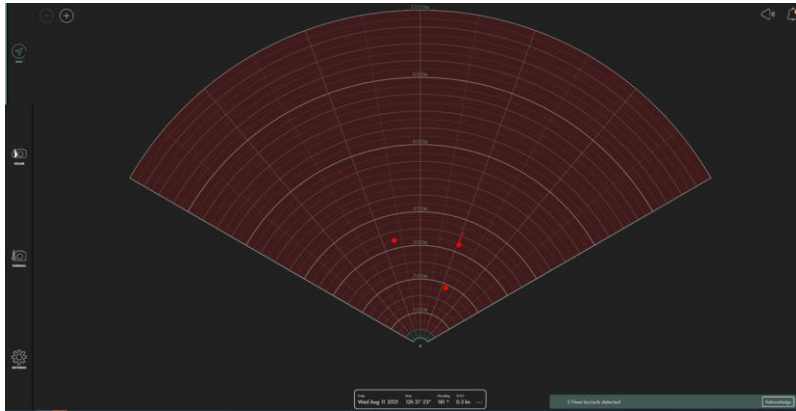
Thermal and Color Camera View



Live images are displayed in the colour and thermal camera view. Detected objects are displayed with a bounding box. If the OSCAR system is able to classify the detected object, an icon is displayed. Clicking on the icon displays more details about the selected target.

OSCAR MAP

The OSCAR Map is a radar like view which shows detected objects. The red area indicates the alarm sector. If an object appears in this alarm sector an acoustic alarm will be triggered.



To configure the alarm sector, go to the settings page and click on ALARMS. Please note the RGB Cam (Color Cam) has a Field of Vision of 110° and the Thermal Cams have a Field of Vision of 50°

Alarm Modes

The OSCAR Systems contains different Alarm modes.

Unmute → acoustic alarms on

Mute → no acoustic alarms

Temporary mute → alarms are muted for xx min (default 15 min)

Once-per-Object → automatic acknowledge of objects, alarm for a new target will automatically stop

Collision course mode (*new feature coming soon*) → alarms based on collision probability instead of alarm sector

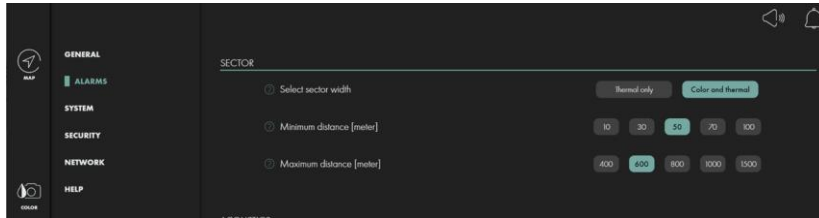


Set up Alarms

To receive acoustic alarms on your MFD please select your MFD brand in the “GENERAL” OSCAR settings.



In “ALARMS” sub menu under section “SECTOR” the alarm area can be configured.



In section “Acoustic” you can choose on which device OSCAR alarms should ring or not.

- External Buzzer
- Internal Buzzer
- Mobile and web app alarm sound (alarms on MFDs, PCs, iOS and Android apps)

App tour guide and Assistance

To get a full tour through the OSCAR Application please use the in-app tour guide.
Accessible in the OSCAR Settings under sub menu "HELP"

