SEA.AI

SEA.AI Brain

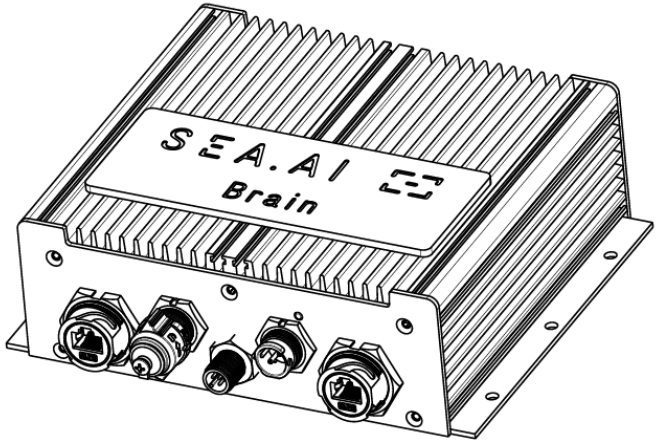
Quick Guide

Software Version 3.8-2

SEA.AI Brain

...adding intelligence to the most commonly used marine cameras.
Please check the Compatibility list to ensure the SEA.AI Brain is compatible with your marine camera.



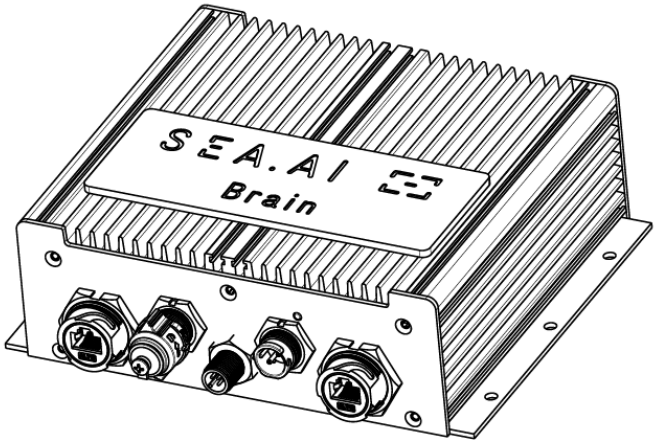


Specifications	
Connections	Ethernet Ports (E1 and E2) Power Port (J1) NMEA 2000 Port (J3)
Camera Compatibility	Flir M364C, Flir M364C LR
Dimensions (L x W x H)	185mm x 190mm x 61.8mm
Weight	0.80 kg
Power	12 or 24 Vdc and 25W

Start up SEA.AI Brain

For questions about powering or accessing the SEA.AI Brain, please contact the dealer or installer who set up and integrated your system.

- Switch on power for the SEA.AI Brain unit (on switch panel if applicable)
- Make sure the Wifi-router, Camera and all neeed devices are powered on.
- Open SEA.AI application on your PC/Ipad or compatible MFD or type in http://brain.local/ into your browser to access User Interface (UI).



Mobile App:
Download the SEA.AI App in your AppStore or Google Play Store to your tablet or smartphone.

Download on the App Store

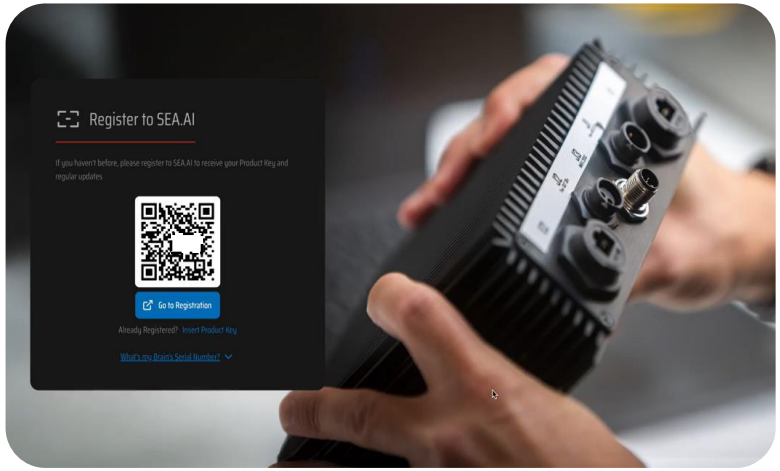
GET IT ON Google Play

SEA.AI Connect Customer Portal

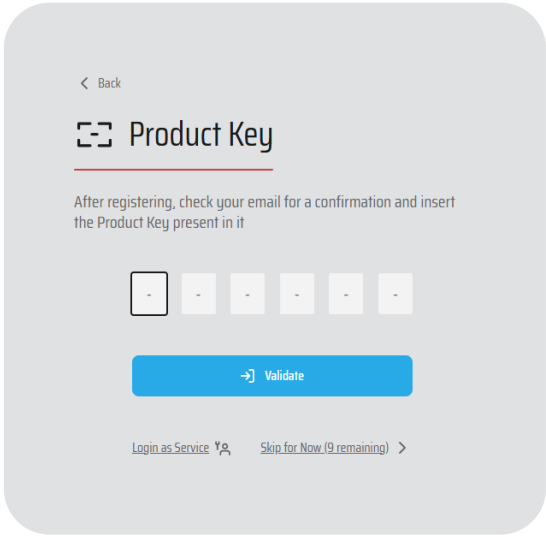
Product Registration & Activation:

To use the SEA.AI Brain, you must register at SEA.AI and activate your product:

1. Create an account at SEA.AI. To register visit www.sea.ai and click on Product Registration in the footer.
2. Verify your email to access the customer portal.
3. Get your product key via email or find it in the portal.
4. Use the product key to activate your SEA.AI Brain.



SEA.AI



Insert the Product Key to active your System.

Note: Do not use the e-mail Verifcation Code to actiavte your product.

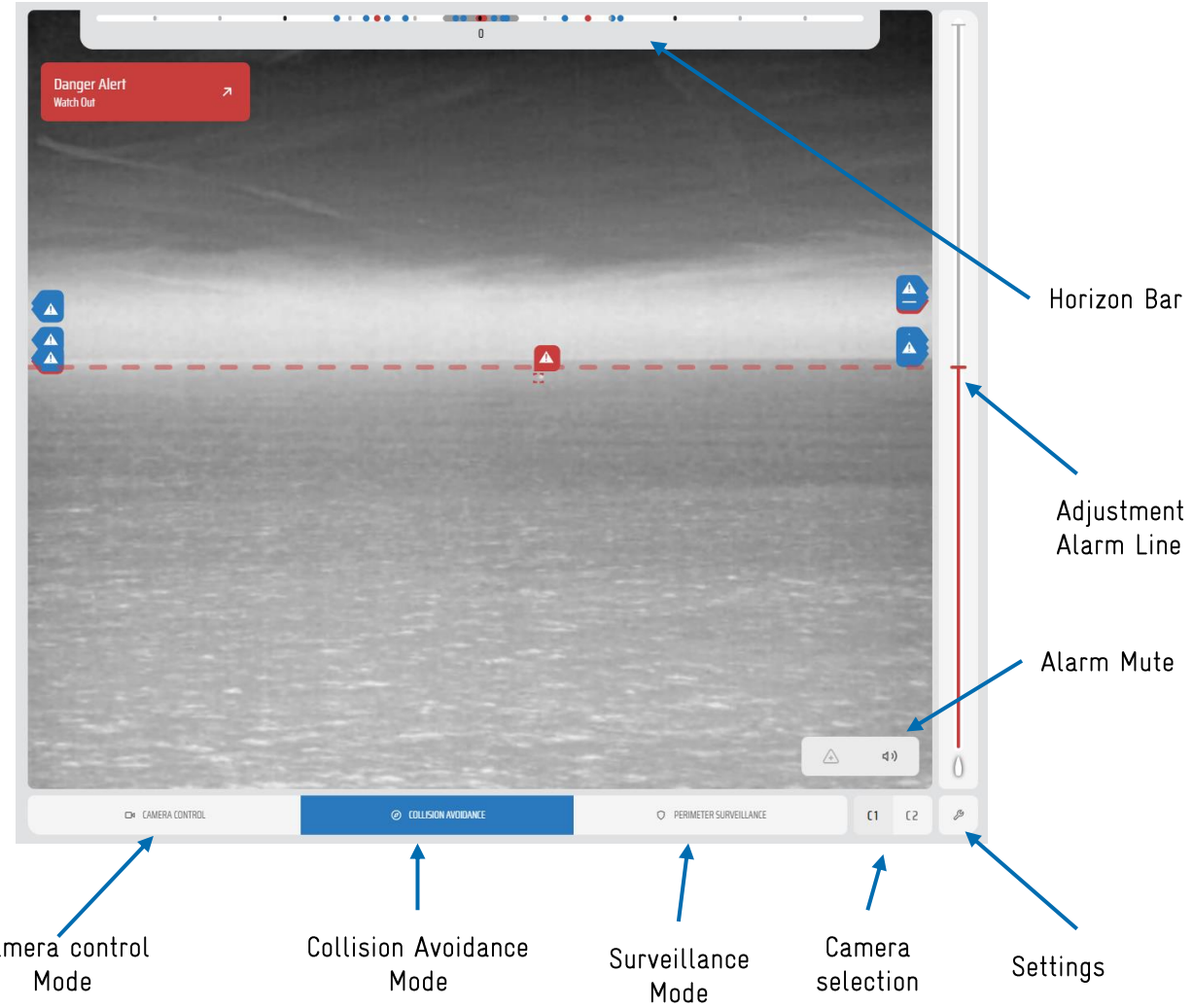
Note: The SEA.AI Connect customer portal also provides guides, instructions, and software updates.

Once your product is activated, you will enjoy **12 months of free software updates**, which include the latest AI improvements, new features, and compatibility updates to ensure your system is always performing at its best.
After the first year, you can **subscribe** to an annual plan, keeping your SEA.AI Brain up to date with the latest advancements.

UI Overview

The SAE.AI Brain has 3 operation modes:

- Camera Control Mode: Manually point your marine camera in any direction. Floating objects are highlighted for better visibility. No acoustic alarms in this mode.
- Collision Avoidance Mode: The camera faces forward. Set a red alarm line to define your alert zone. Any object at or below this line triggers visual and acoustic alarms. The Mute button allows you to set the alarms silent.
- Surveillance Mode: The camera rotates around your vessel. Like Collision Avoidance Mode, you can set an alarm line to detect nearby objects.



Collision Avoidance Mode

The camera faces forward. Set a red alarm line to define your alert zone. Any object at or below this line triggers visual and acoustic alarms. The Mute button allows you to set the alarms silent.

Important Note: If applicable, activate vertical stabilization to compensate for the boat's pitch in the Camera Setting e.g. Flir Application. Without vertical stabilization, collision avoidance may be less effective:

From Flir M300 User Guide:

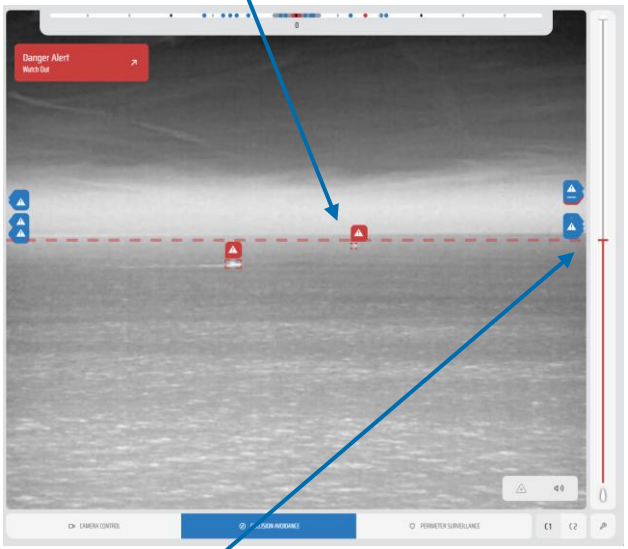
Icon	Description
[Vertical Stabilization]	Indicates that gyro stabilization is in the *[Vertical Stabilization]* setting only.
⇕	Vertical stabilization is intended to minimize the effects of vessel pitch (while used in a forward or reverse facing position) and vessel roll (while used in a port or starboard facing position).

Alarms based on alarm line

blue: objects above alarm line – no alarms

red: objects below alarm line – visual and accoustic alarm

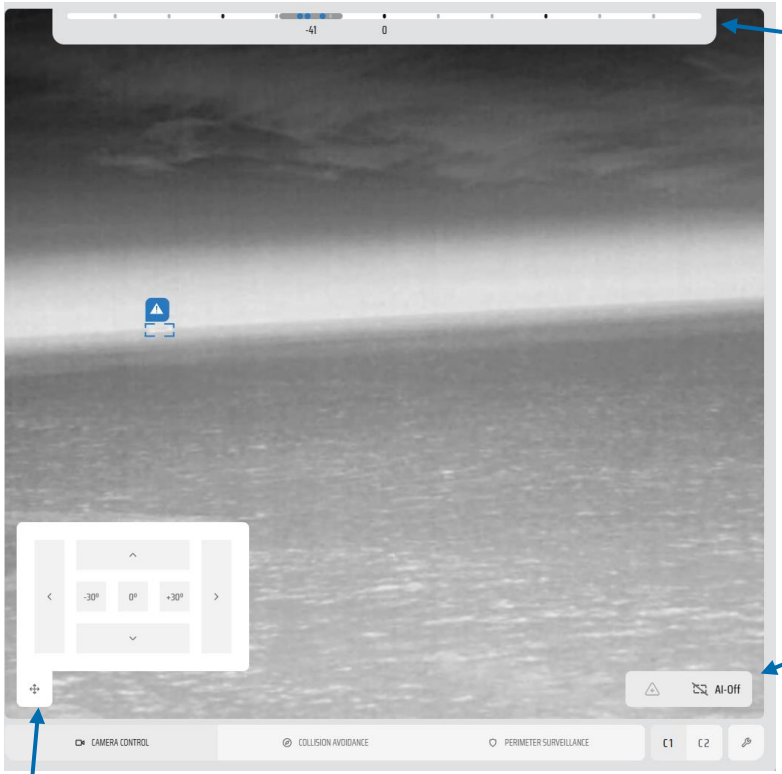




Adjustment Alarm Line

Camera Control Mode

Manually point your marine camera in any direction. Floating objects are highlighted for better visibility. No acoustic alarms in this mode.



Horizon Bar – Shows the camera's direction relative to the boat. Detected targets appear as dots. Tap the bar to pan the camera to a selected angle.

AI Off Button – Turns off AI detection, allowing manual camera use.

Camera Control Panel – Manually pan and tilt the camera.

- +/- 30° Buttons – Quickly pan the camera by 30°
- 0° Button – Resets the camera to 0° tilt and pan.

Software Updates

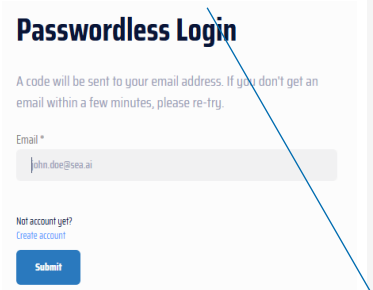
As a registered SEA.AI user, you receive one year of free software and benefit from our ever-growing database latest AI improvements, new features as well as compatibility updates.

The latest update is available for download in the SEA.AI Connect Portal. Simply log in to access it and keep your device at peak performance.

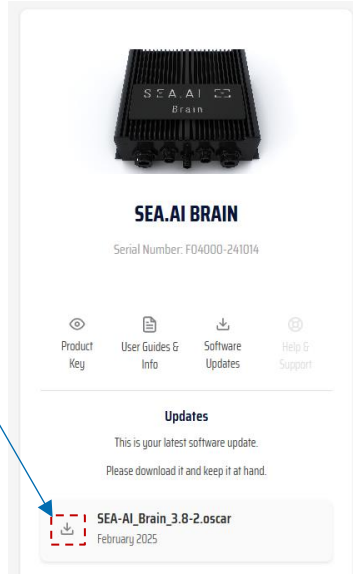
After your 12 month free period you are able to subscribe to our optional Software Subscription Plan in your SEA.AI Connect Customer Portal.

https://connect.sea.ai

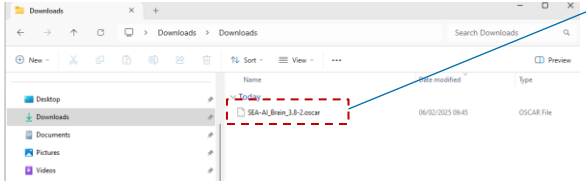
1. Login to your SEA.AI Connect Customer Portal
at www.connect.sea.ai and download the latest SW Update file "SEA-AI_Brain_xx-x.oscar"



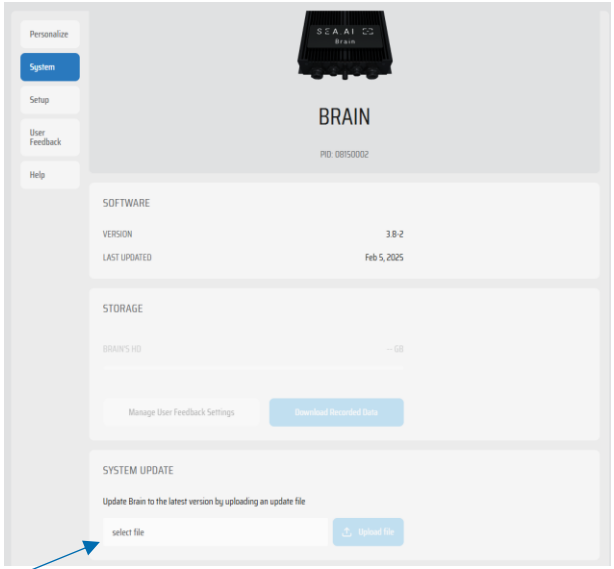
Note: A Onetime Password will be sent to your registered e-mail address. Please make sure you are registered, and your product is activated.



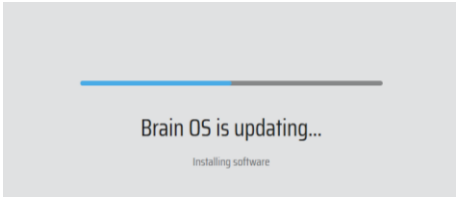
2. Download to your PC/ Tablet or Mobile Phone.



3. Start the SEA.AI Brain Application – go to settings, system and select the downloaded Update File: "SEA-AI_Brain_xx-x.oscar"



4. Upload the File and start the Update procedure



Questions?
Need Support?

SEA.AI

Contact your local dealer

or

write to

service@sea.ai