SEA.AI

USER AND INSTALLATION MANUAL

Watchkeeper

Machine vision for safety at sea. Use, installation and care.



SOFTWARE
4.4-4

EDITION
26 October 2026

MODELS
1280M · 640M · 320M · 1024S · 640S · 320S · Lite

ONLINE
Interactive manual with the real app

Contents

START HERE

Welcome and safety 2

Connect and get started 3

The app at a glance 8

Modes and alarms 10

USE WATCHKEEPER

Views, zoom and pan 12

Record AI feedback 13

Settings reference 14

Your Watchkeeper 16

FOR INSTALLERS

Plan the installation 17

Mount and wire 19

Connect to the boat 21

Commission the system 26

HELP

Update the software 27

Clean and inspect 28

Troubleshooting 29

Warranty and support 30

Words and terms 31

This is the printed version. The online manual has the interactive app, tasks and alarm sounds.

START HERE

Welcome and safety



Watchkeeper sees what radar and AIS often miss: containers, buoys, kayaks and people in the water. It marks each object on screen. It sounds an alarm when an object becomes a risk.

> ⚠ WARNING Watchkeeper is an aid to navigation. It does not replace a proper lookout. The person in charge of the vessel stays responsible.

Signal words in this manual

> ⚠ WARNING Risk to people on board, for example a missed alarm or a collision.

> ⚠ CAUTION Risk of damage to the equipment, or of reduced detection.

> NOTE Important information. No risk.

> TIP A shortcut or good practice.

Safety rules

- Only a qualified marine electronics technician installs the system.
- Switch off the vessel power before you install or service the unit.
- Supply 12 to 36 V DC only.
- Do not open the unit. This voids the warranty.

START HERE

Connect and get started

Go through the 9 steps with Next. The app shows what you see on your device.

STEP 1

Switch on Watchkeeper

Switch on the circuit breaker for Watchkeeper. The unit needs up to 3 minutes to start.

Make sure your phone, tablet, PC or MFD is on the same boat network as Watchkeeper.

STEP 2

Open the app on your device



Phone or tablet

Install the SEA.AI app. Connect to the boat Wi-Fi. Open the app. It finds Watchkeeper.

App Store: SEA.AI Oceanus Google Play: SEA.AI



PC

Install the Watchkeeper app for Windows, macOS or Linux. Or open Watchkeeper in your browser.

Download the PC app http://watchkeeper.local/

The browser link works only on the boat network.

MFD

Open **Third-party apps**. Tap the SEA.AI icon. It appears when Watchkeeper is on.

MFD compatibility list

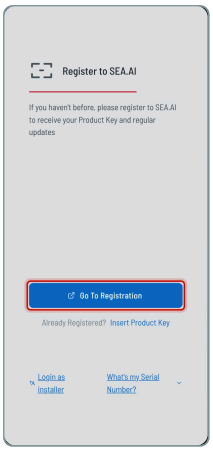
STEP 3

Register your Watchkeeper

The first screen is **Register to SEA.AI**. Scan the QR code, or select **Go To Registration**.

Registration starts your 2-year warranty and gives you software updates. You get a Product Key by e-mail.

Register at connect.sea.ai



On a phone.



On a PC or tablet. Scan the QR code with your phone, or select Go To Registration.

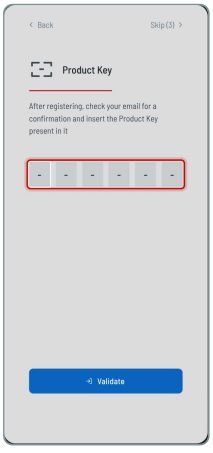
STEP 4

Enter the Product Key

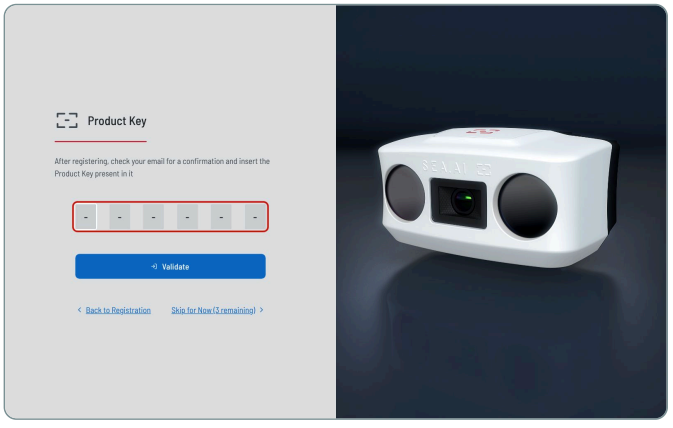
Select **Insert Product Key**. Type the 6-character key from the e-mail. Select **Validate**.

> TIP You need the serial number for registration? Select **What's my Serial Number?**

> NOTE You can select **Skip** and register later. The app allows this 3 times. Without registration you get no software updates.



On a phone.

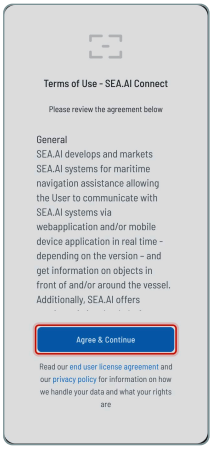


On a PC or tablet.

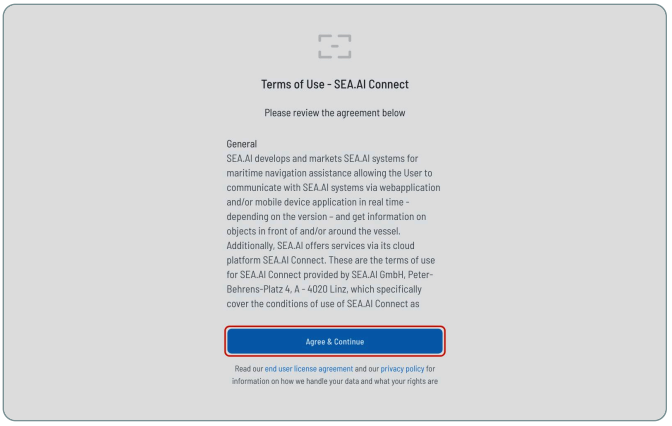
STEP 5

Accept the terms of use

Read the **Terms of Use – SEA.AI Connect**. Select **Agree & Continue**. The app asks only once.



On a phone.



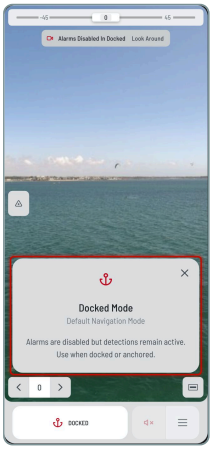
On a PC or tablet.

STEP 6

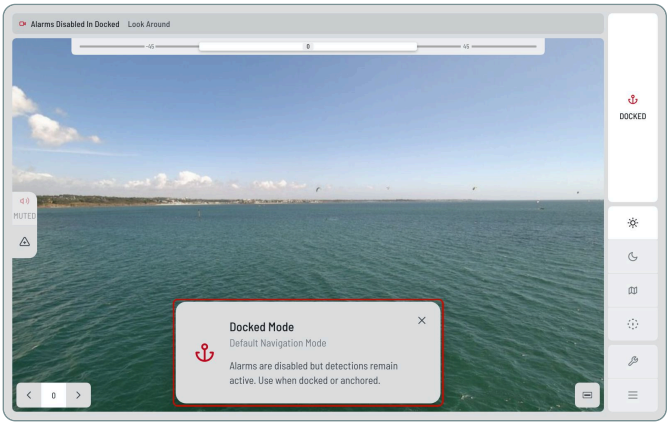
The camera view opens

You see the live image with the detections. Watchkeeper starts in **Docked** mode. A message tells you that alarms are off.

> ⚠ WARNING In Docked mode there are no alarms.



On a phone.



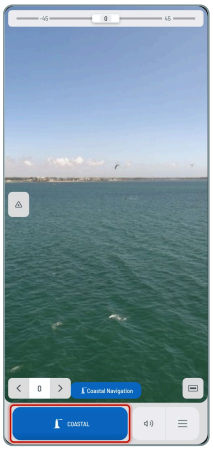
On a PC, tablet or MFD.

STEP 7

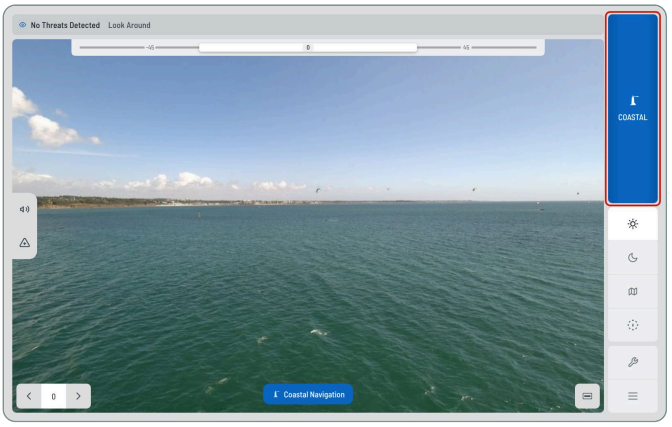
Leave the harbour: choose a mode

Tap the mode button at the bottom. Select `Coastal` near the coast, or `Offshore` on open sea. Alarms are now on.

> ⚠ WARNING On a phone or tablet, tap the screen once to allow alarm sounds.



On a phone.



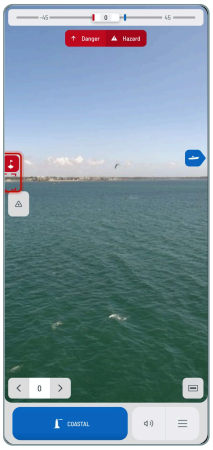
On a PC, tablet or MFD: the mode button is on the right.

STEP 8

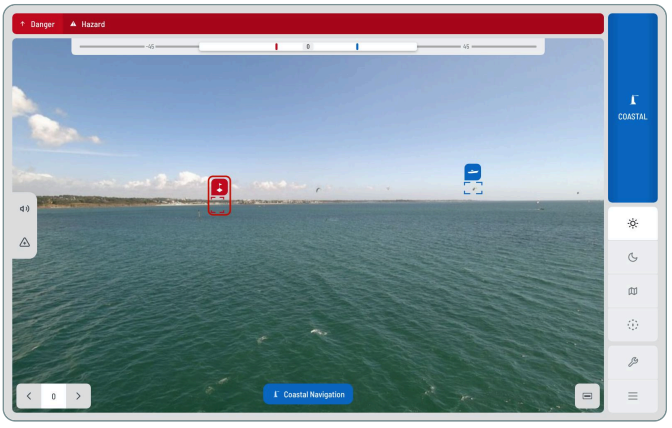
React to an alarm

When an object becomes dangerous, its box turns red and the alarm sounds. The bar at the top names the type and the direction.

Look in the direction of the alarm. Keep a proper lookout.



On a phone.



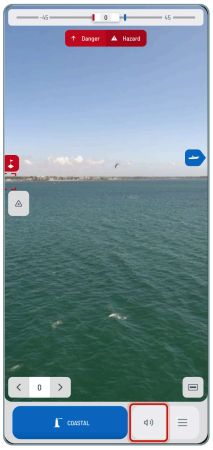
On a PC, tablet or MFD.

STEP 9

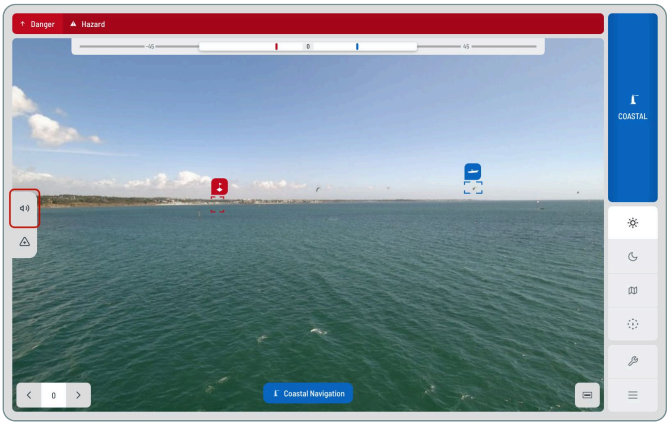
Mute the sound

Tap the speaker to mute the alarm sound. Tap it again to switch the sound back on. The visual alarm stays on.

Next: try every button yourself in Try the app, or read about modes and alarms.



On a phone.



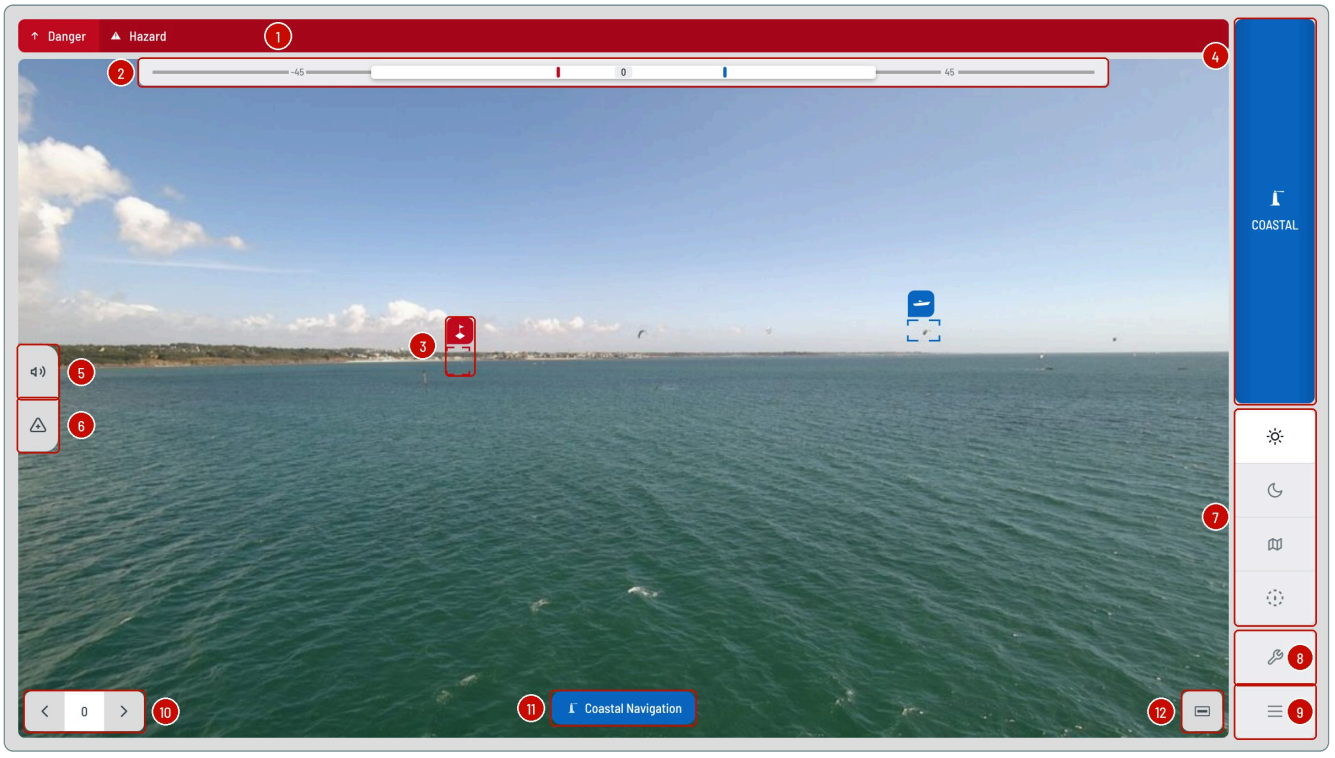
On a PC, tablet or MFD: Mute is on the left.

START HERE

The app at a glance

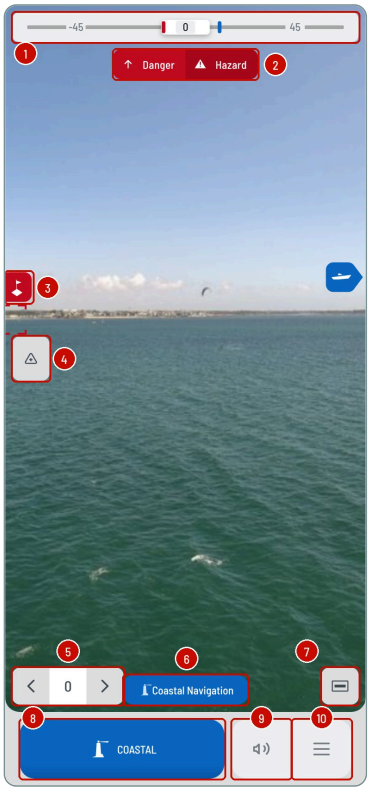
The main screen during a danger alarm, in Coastal mode.

On a PC or a large display



1. **Alarm bar** Grey: no alarm. Yellow: warning. Red: danger. It names the object and the direction.
2. **Horizon bar** The full camera width, port to starboard. The white frame is the part you see.
3. **Detection** Red box: danger. Yellow box: warning. Blue box: object.
4. **Mode** Docked, Coastal or Offshore. Select it to change the mode.
5. **Mute** Switches the alarm sound off and on.
6. **AI Feedback** Records a short clip when the AI missed an object or warned about nothing.
7. **Views** Color, Thermal, Map and Awareness Ring.
8. **Settings** System, modes, personalization, setup and help.
9. **Menu** Opens the menu with modes, mute, views and settings.
10. **Pan** Look to port or starboard. The number is the angle.
11. **Mode message** Shows the active mode.
12. **Crop or full width** Cropped view ahead, or the whole 130°.

On a phone



1. **Horizon bar** The full camera width. The white frame is the part you see.
2. **Alarm** The alarm level, the object and the direction.
3. **Detection** Red: danger. Blue: object.
4. **AI Feedback** Records a short clip for SEA.AI.
5. **Pan** Look to port or starboard.
6. **Mode message** Shows the active mode.
7. **Crop or full width** Cropped view ahead, or the whole 130°.
8. **Mode** Docked, Coastal or Offshore.
9. **Mute** Switches the alarm sound off and on.
10. **Menu** Views, AI Feedback and Settings.

On a phone, the views and Settings are in the menu (10).

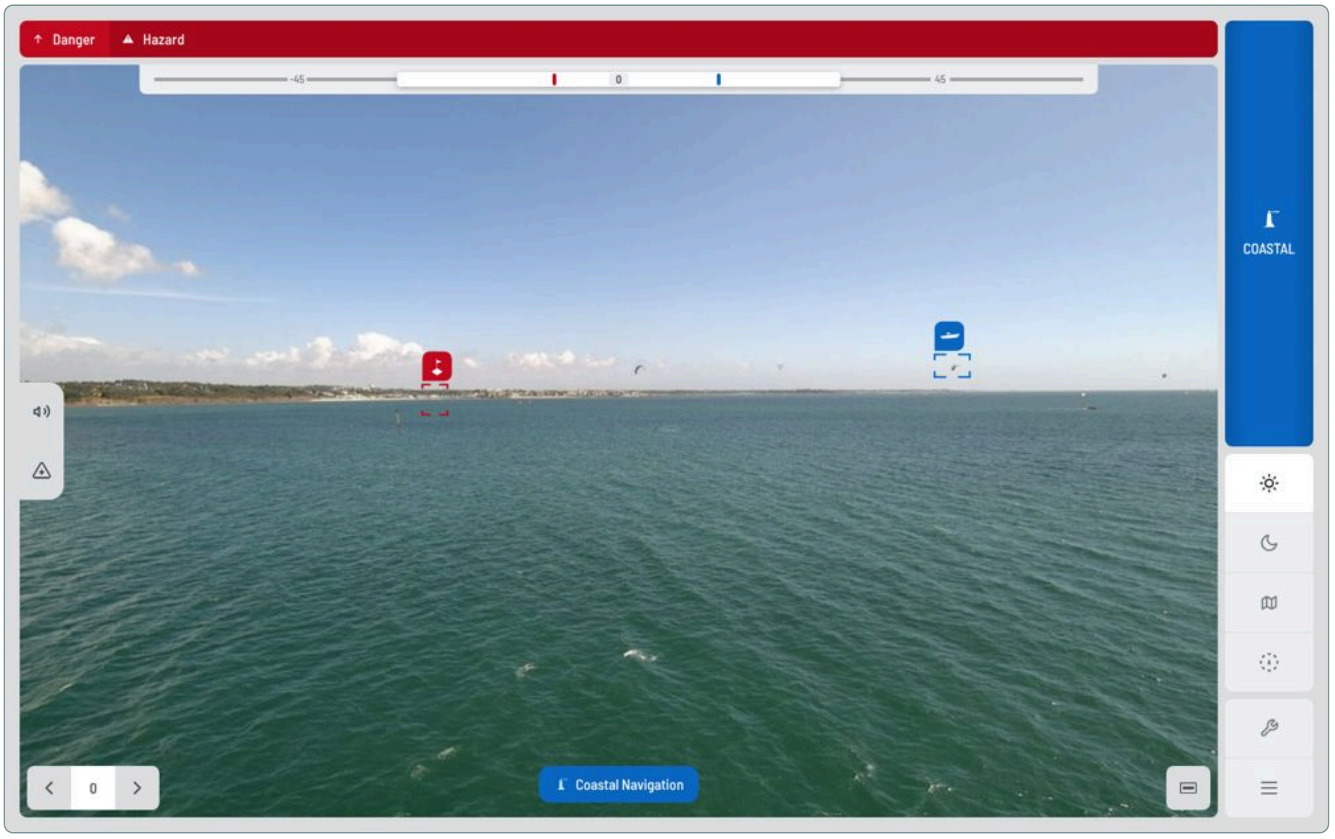
START HERE

Modes and alarms

The mode decides when Watchkeeper sounds an alarm. Detections stay on in every mode.

LEVEL	DOCKED	COASTAL	OFFSHORE
Object · blue box	No sound	No sound	1 beep every 10 s
Warning · yellow box	No sound	2 beeps every 10 s	2 beeps every 3 s, voice “Warning” + direction
Danger · red box	No sound	3 beeps every 3 s, voice “Danger” + direction	3 beeps in a loop, voice “Danger” + direction

Mute



A danger: red bar at the top, red box on the object.

Select 🔊. The sound stops 🔇. The red box and the bar stay. Select it again to switch the sound on.

Voice alarms

A voice tells you the threat level and the direction. Switch it on or off in **Settings › Personalization › Sounds › Voice Alarms**. When it is off, you hear beeps only.

LEVEL	MODE	LISTEN
Danger	Coastal, Offshore	▶ Danger ahead ▶ Danger port ▶ Danger starboard
Warning	Offshore	▶ Warning ahead ▶ Warning port ▶ Warning starboard
Warning	Coastal	▶ Warning beep
Voice Alarms off		▶ Danger beep ▶ Warning beep

Alarms on other devices

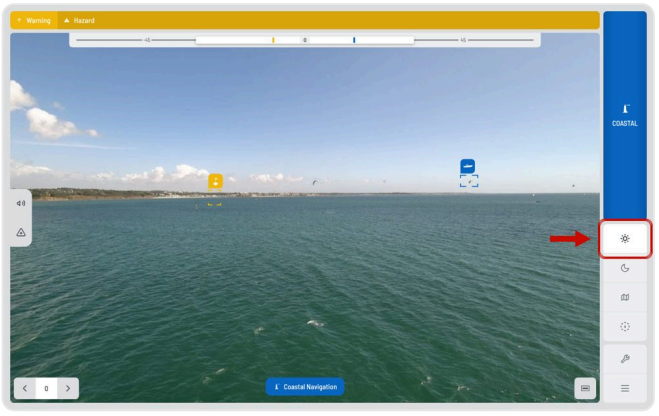
Settings › Personalization › Sounds: Voice, MFD (Raymarine, B&G, Simrad), NMEA2000 buzzer or Garmin, Seatalk NG buzzer. Buzzers need an NMEA 2000 gateway (see Connect to the boat).

> ⚠ WARNING Not every MFD plays alarm sounds. See the MFD compatibility list.

USE WATCHKEEPER

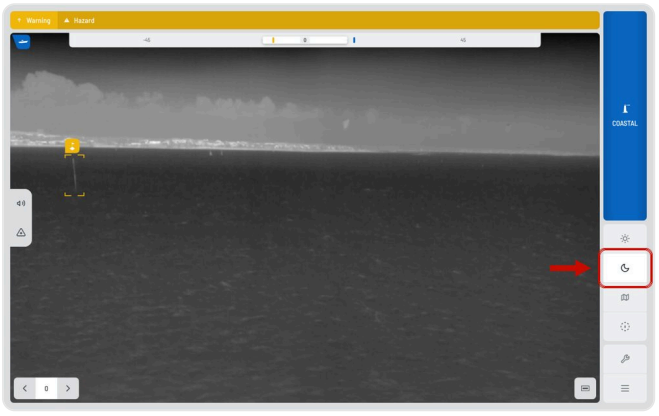
Views, zoom and pan

Switch the view with the buttons in the menu.



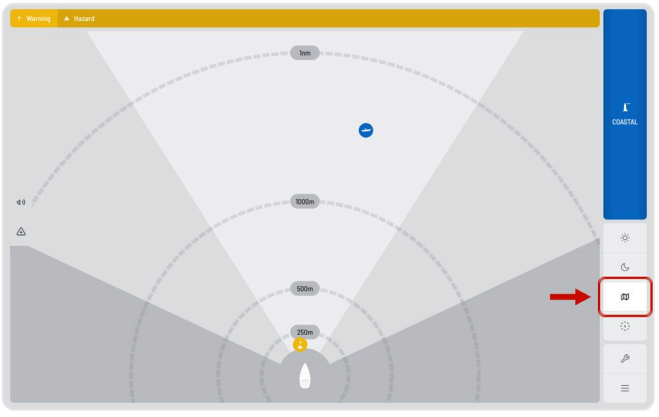
Color

Day, dawn and dusk. 130° wide.



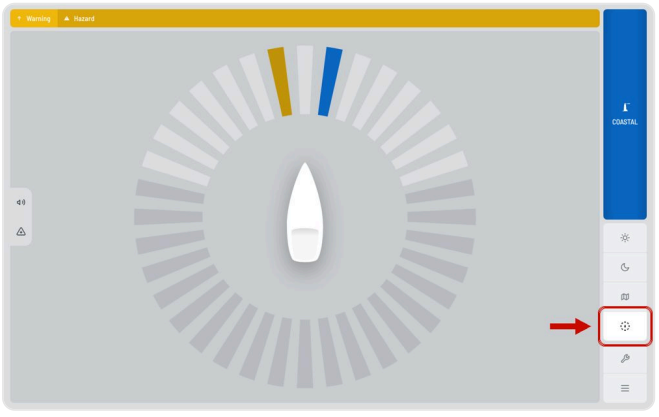
Thermal

Night and bad visibility. Not on Lite.



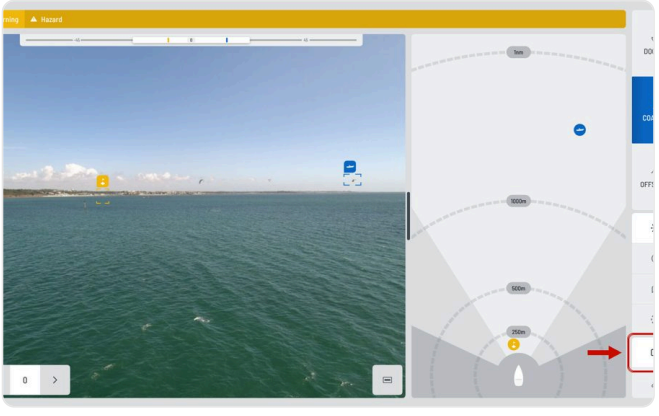
Map

All detections from above.



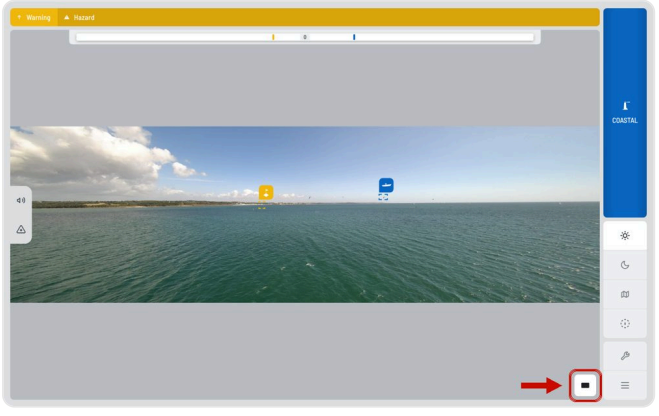
Awareness Ring

Where the risk is, at a glance.



Dual View

Two views side by side. Large screens.



Full width

The whole 130°. Tap again to crop.

‹ › **Pan:** look to port or starboard. Or drag the frame in the horizon bar.

Zoom: cropped view ahead or full width.

Distance: shows from a mounting height of 6 m (see Commission the system).

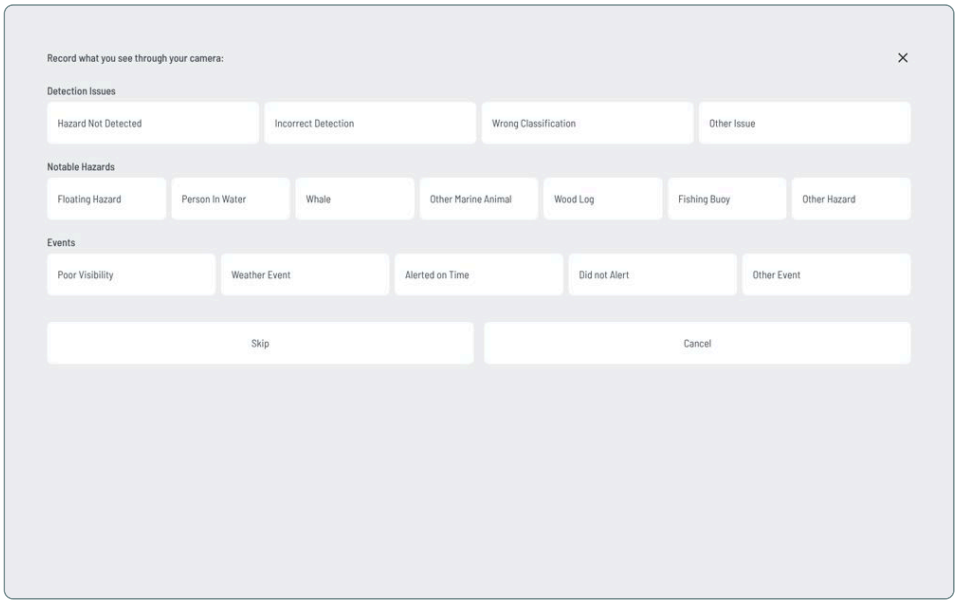
USE WATCHKEEPER

Record AI feedback

Watchkeeper missed an object, or warned about nothing? Record a short clip. Your clips train the AI. They help Watchkeeper see better on every boat, and make the sea safer for everyone.

> NOTE **You stay in control.** Watchkeeper saves the clips on the unit only. It does not upload them. You download the clips and decide what you send to SEA.AI.

1. Select ⚠ **AI Feedback**. Choose what you see. Watchkeeper saves a short clip.



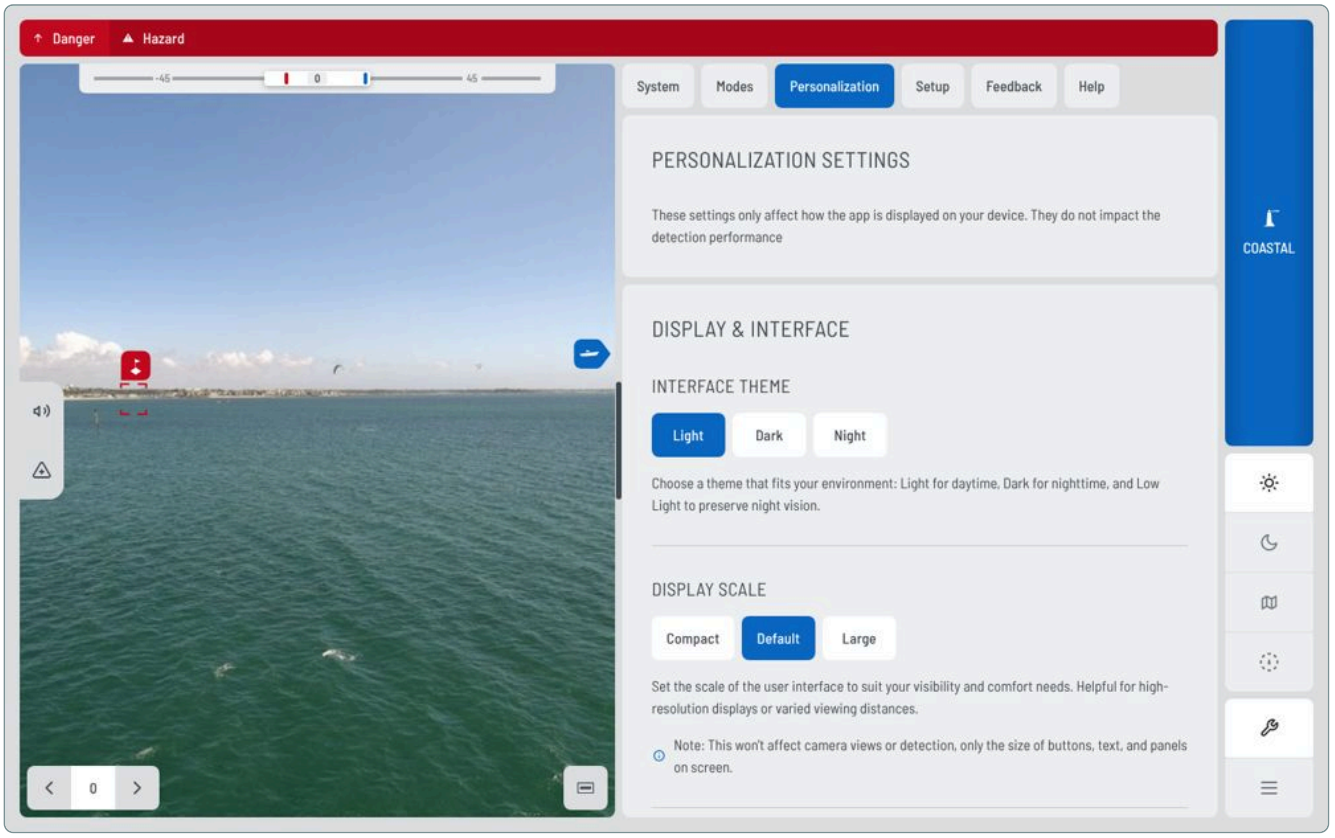
Choose the type of event.

3. Download the clips from Watchkeeper: **Settings › System › Download Recorded Data**.
4. Contact `feedback@sea.ai` to share the clips. The files are too large for e-mail. SEA.AI tells you how to send them.
5. Delete the clips on Watchkeeper. This frees the storage.

USE WATCHKEEPER

Settings reference

Select to open the settings.



Settings open next to the camera view. Here: Personalization.

TAB	WHAT YOU FIND THERE
System	Model, software version, update, storage, recorded data
Modes	Docked, Coastal, Offshore explained
Personalization	Theme (Light, Dark, Night), display scale, thermal polarity and contrast, sounds, distance unit
Setup	NMEA, camera alignment, mounting height, distance to bow, installer login
Feedback	How to send recordings, data sharing
Help	Contact SEA.AI service
Advanced	Stream settings. Appears when you switch it on in Personalization.

> TIP Thermal contrast: choose the setting that gives the best contrast in the thermal image. Not sure? Keep **Default**.

Advanced stream settings

Watchkeeper sends the camera images to your displays as streams. There are three types of stream. Each display uses one of them. The default settings work for most boats.

> NOTE These settings change only how the video looks on your display. They do not change the detections or the alarms.

Change the settings only when a display shows no video, or when the video stutters or lags. A slow network or an old display is the usual cause.

Change the stream settings

1. Open **Settings › Personalization**. Switch on **Enable Advanced Stream Settings**. The **Advanced** tab appears.
2. Open **Advanced**. Find the stream that your display uses.
3. Lower one value one step. Check the video on the display.
4. Not better? Do step 3 again with the next value.
5. Still no improvement? Select **Reset Settings to Default**. Contact `service@sea.ai`.

What each stream setting does

STREAM	WHAT IT IS	USED BY
Video Stream	Continuous video in the app. The standard stream.	SEA.AI app on phones, tablets, PCs and most MFDs
Image Stream	Still images at set intervals. Needs less bandwidth, but is less smooth.	Devices without video support, for example Garmin MFDs
RTSP	Watchkeeper works as an IP camera. Low delay.	Third-party systems, video recorders, network camera pages of MFDs

> NOTE **Trade-off.** Each setting is a trade-off between image quality and smooth video. Higher values give a sharper image, but need more bandwidth and more processing power on the display. The best values depend on your boat network and your display, for example the MFD model. Find the highest values that still give smooth video.

SETTING	WHAT IT DOES	LOWER IT WHEN
Resolution	Size of the image. High resolution does not work on chartplotters.	The display shows no video.
Framerate (FPS)	Images per second. Higher is smoother.	The video stutters.
Bitrate (Mbps)	Data per second. Higher gives more detail, but needs more bandwidth.	The video lags or freezes.
Image Quality	Image Stream only. Higher gives more detail, but needs more bandwidth.	Images arrive slowly.

Experts also find the encoder, I-frame interval, RTSP transport and MTU here. Questions about these settings? Contact us at `service@sea.ai`.

USE WATCHKEEPER

Your Watchkeeper

Every model has a 4K low-light color camera (130° wide), an AI processor, GPS and LTE.
Most models add a thermal camera. Choose your model to see what it covers.
Detection range. Color camera: 130° wide on every model.

Motorboat

MODEL	THERMAL	THERMAL WIDTH	RHIB	NATO TARGET	PERSON	PERSON IN WATER, BUOY
WK 1280M	2 × 640 × 512	48°	1,750 m	1,170 m	480 m	200 m
WK 640M	640 × 512	24°	1,750 m	1,170 m	480 m	200 m
WK 320M	320 × 256	24°	900 m	590 m	240 m	100 m
WK Lite	none	–	550 m	360 m	150 m	78 m

Sailing yacht

MODEL	THERMAL	THERMAL WIDTH	MOTORBOAT, SAILBOAT	DINGHY, RIB	BUOY, PERSON IN WATER
WK 1024S	2 × 512 × 640	50°	2,000 m	750 m	170 m
WK 640S	640 × 512	50°	1,200 m	460 m	100 m
WK 320S	320 × 256	34°	900 m	350 m	80 m
WK Lite	none	–	900 m	350 m	65 m

- Detects: unknown hazard, vessel, motorboat, sailing boat, buoy, person in the water.
- Estimates distance with the cameras only. It sends no signals.
- 12 to 36 V DC, 29.3 W maximum. IP67. –25 °C to +55 °C.
- Complies with IEC 60945. CE marked.

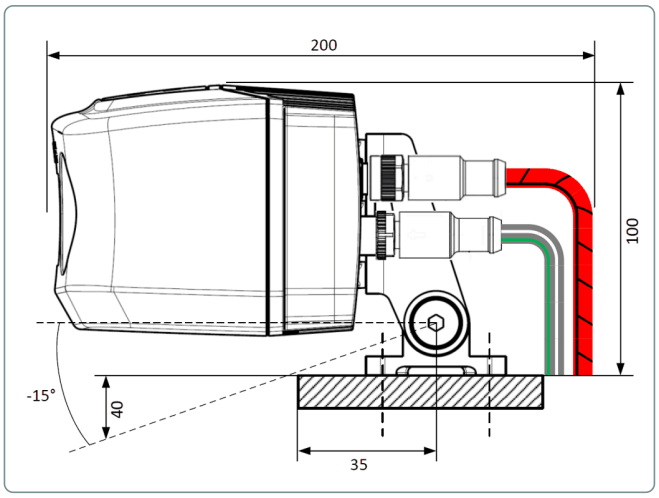
> NOTE All AI functions need an active AI subscription. Without it, Watchkeeper is a camera only: no detections, no boxes, no distances, no alarms. See sea.ai.

Ranges are for ideal conditions. Weather, sea state and visibility reduce them. The drawing is not to scale.

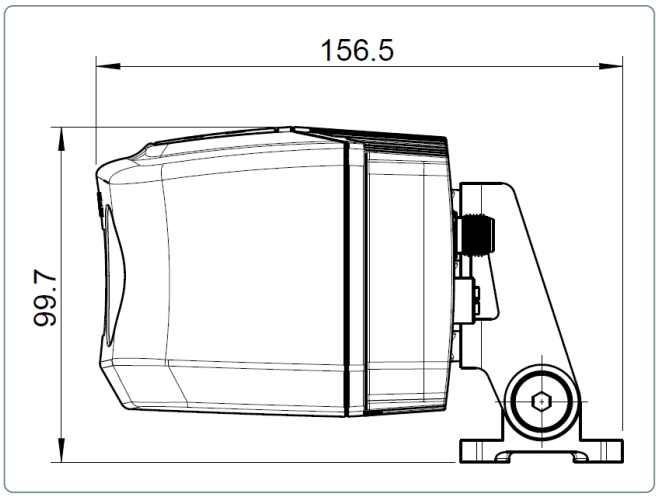
FOR INSTALLERS

Plan the installation

Choose the location

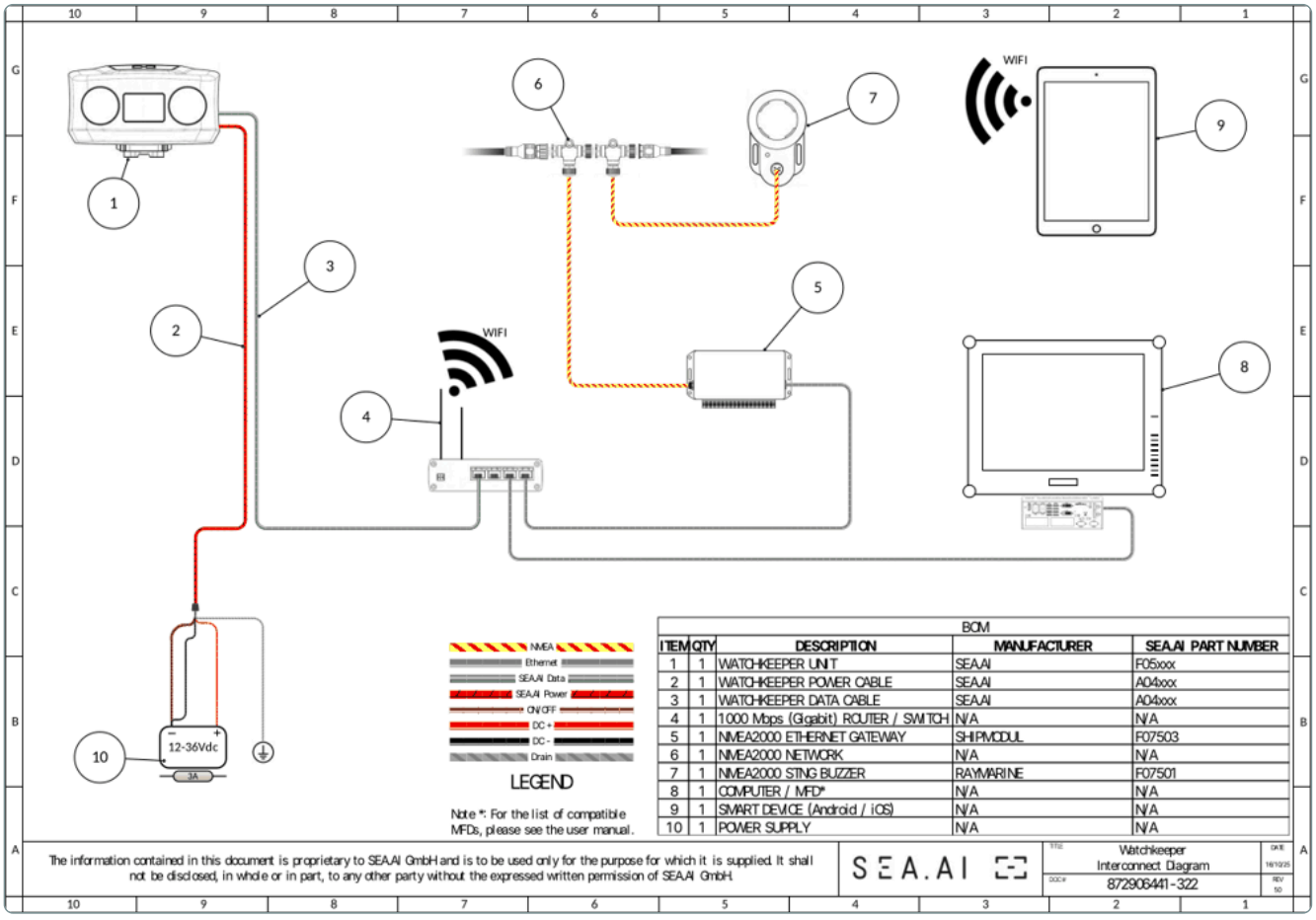


Leave space for the cables behind the unit.



Dimensions in mm.

- High and rigid. Height gives range and better distances.
- Clear view. No antennas, radar, flags or boat structure in front.
- No hot exhausts in view. They disturb the thermal camera.
- 1 m from VHF antennas and S-band radar. 2 m from the radar beam.



The complete system. Select the drawing to enlarge it.

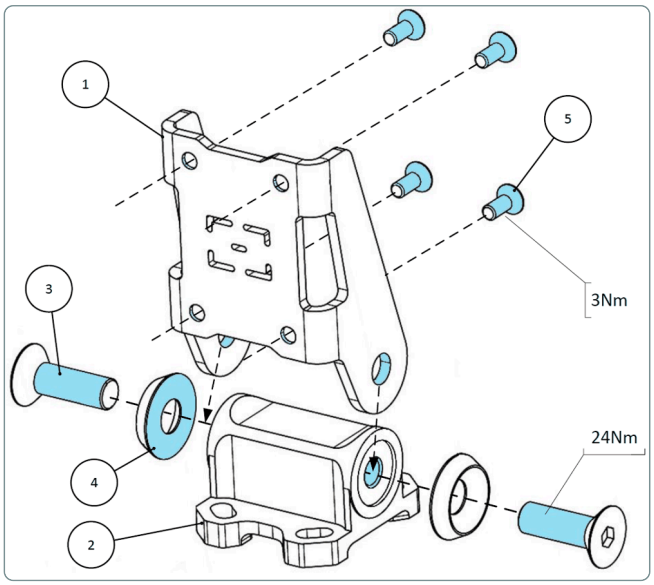
What is in the box

PART NO.	PART	QTY
F05xxx	Watchkeeper unit	1
A04280 / A04290	Mast bracket and socket	1 each
A04410, A04420, A04430	Washers M8, screws M8 × 25, screws M4 × 10	2, 2, 4
A04800	Isolation paste	1
A04460 / A04140	Data cable 10 m / 20 m	1
A04470 / A04150	Power cable 10 m / 20 m	1
A04890 / A04900	Protective caps	2 each

Sailing kit: also a wind sensor bracket (A04300) and cables of 30 to 70 m. You need four 5 mm fasteners, a drill and a 5 mm Allen key.

FOR INSTALLERS

Mount and wire



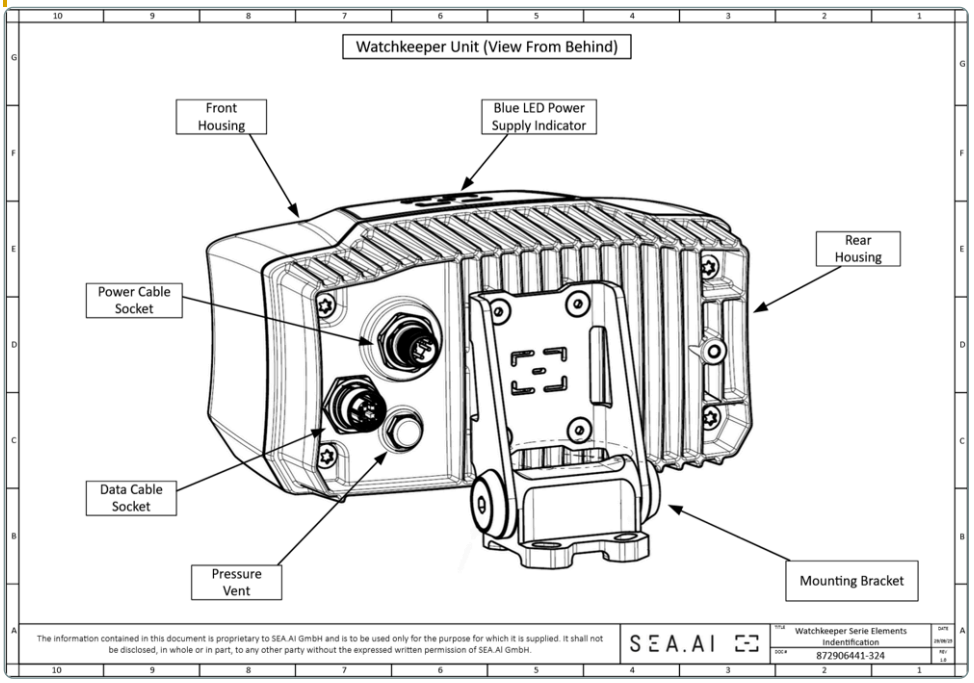
1. Fasten the bracket (A04280) with four 5 mm fasteners and thread locker.
2. Put isolation paste (A04800) between aluminium and steel.
3. Unit to bracket: four M4 × 10. **3 Nm**.
4. Bracket to socket: two M8 × 25 with washers. **24 Nm**.

Bracket assembly.

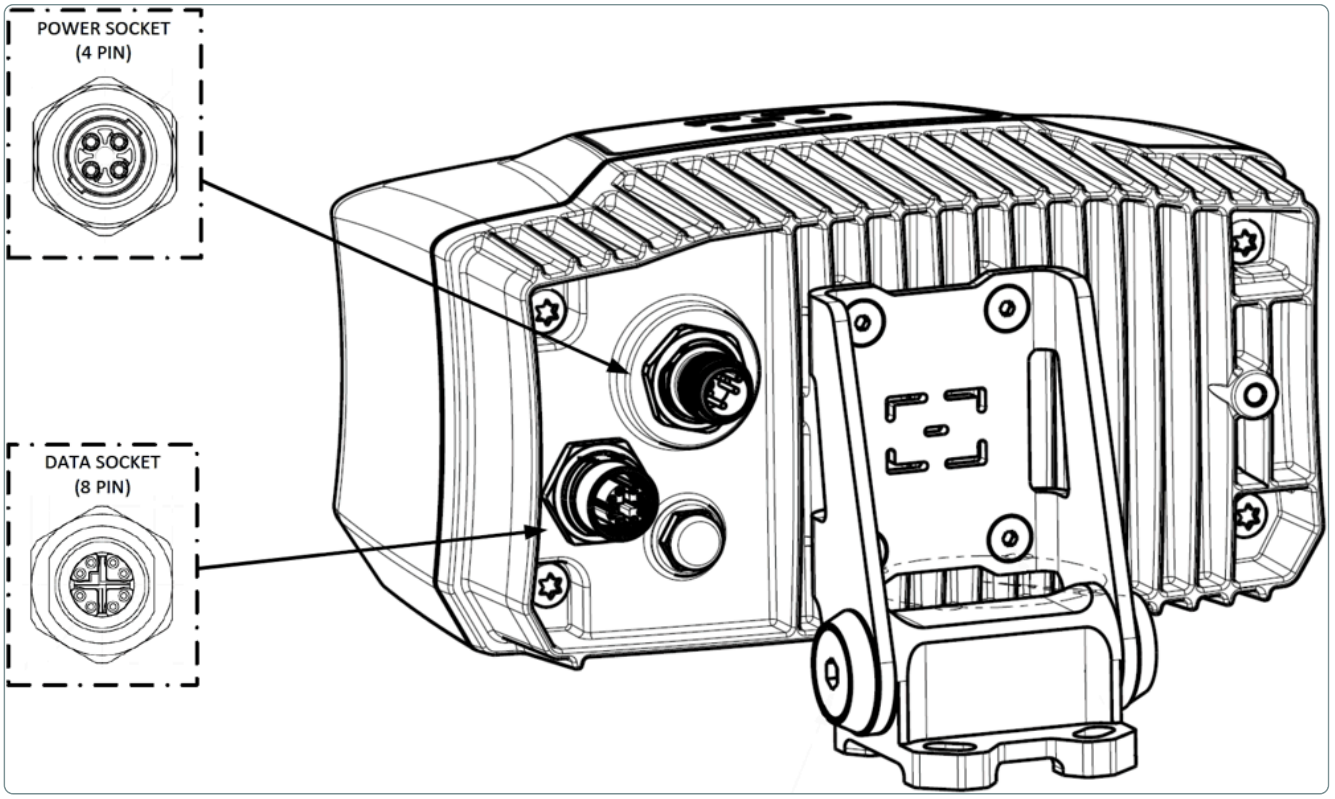
The unit can also hang under a horizontal panel or sit on a vertical panel. Sailing yachts can use the wind sensor bracket (A04300).

Wire it

⚠ CAUTION Wrong polarity destroys the unit. Use a dedicated breaker and fuse.



Rear of the unit. Power and data sockets, pressure vent, LED.

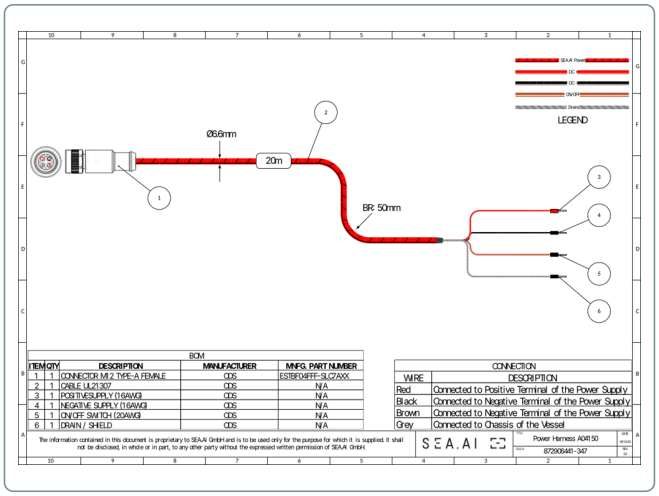


4-pin power, 8-pin data. Tighten fully.

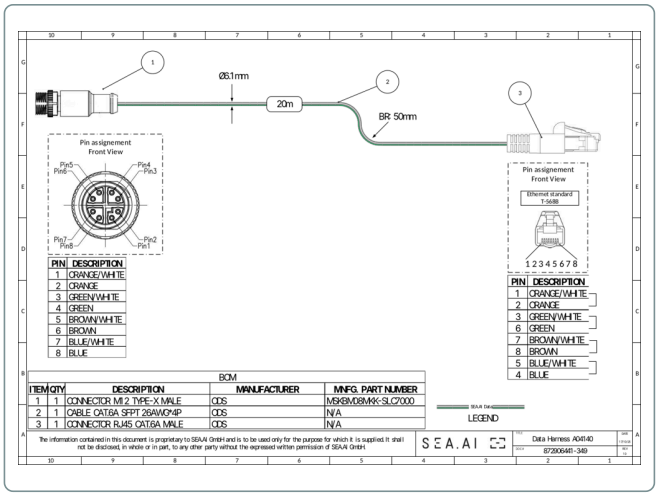
WIRE	CONNECT TO
Red	+ (12 to 36 V DC)
Black	–
Brown	– or a switch to –. Turns the unit on.
Drain	Vessel ground or –

> ⚠ CAUTION **Long cable, more voltage.** Cable longer than 10 m: use **24 V DC**. Cable longer than 70 m: use **36 V DC**. A long cable loses voltage, and the unit can fail to start.

Connect the RJ45 plug to a 1 Gbit port. Use original SEA.AI cables and make drip loops.



Power harness.



Data harness.

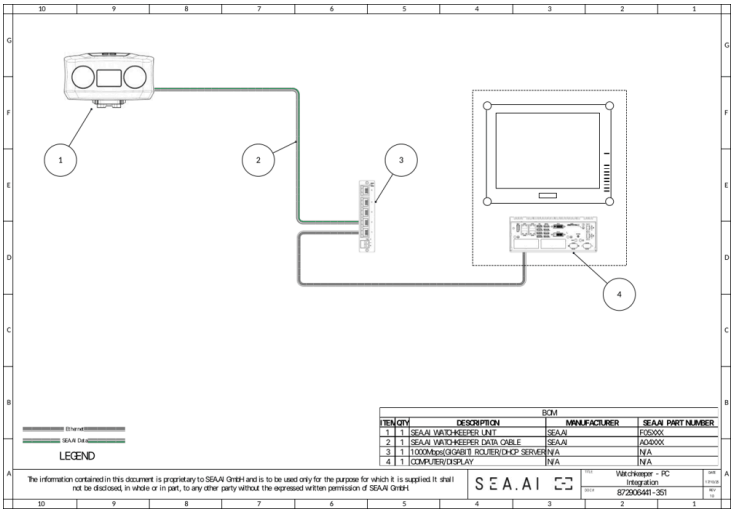
FOR INSTALLERS

Connect to the boat

Choose your display. The drawing shows the network you need.

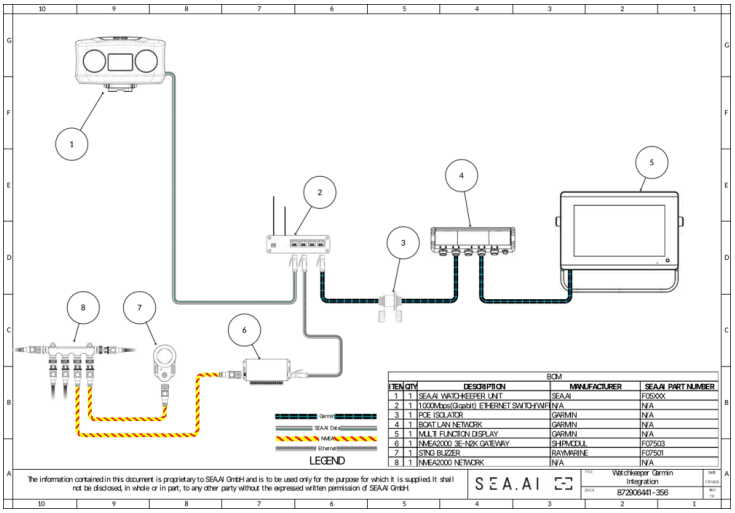
PC

A router or DHCP server on the network.



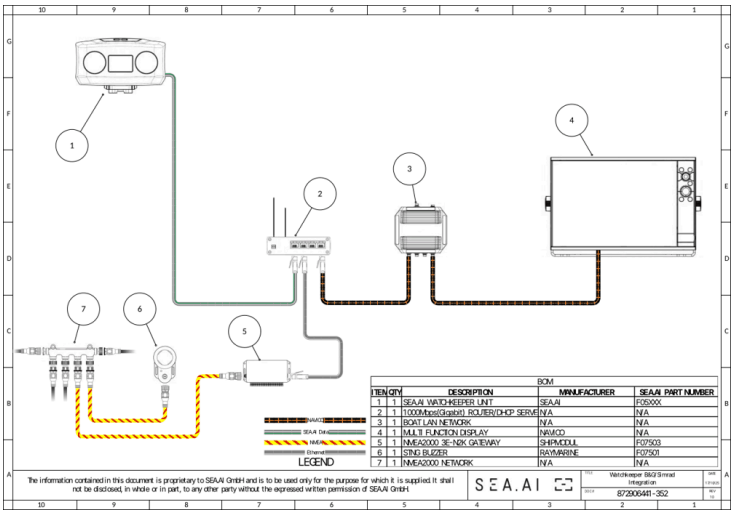
Phone, tablet

A Wi-Fi router. Phones and tablets use the SEA.AI app.



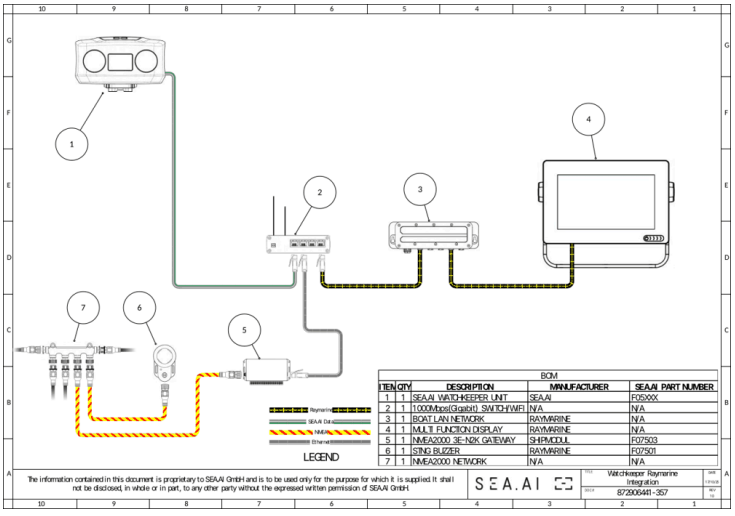
B&G, Simrad

A router with DHCP server.



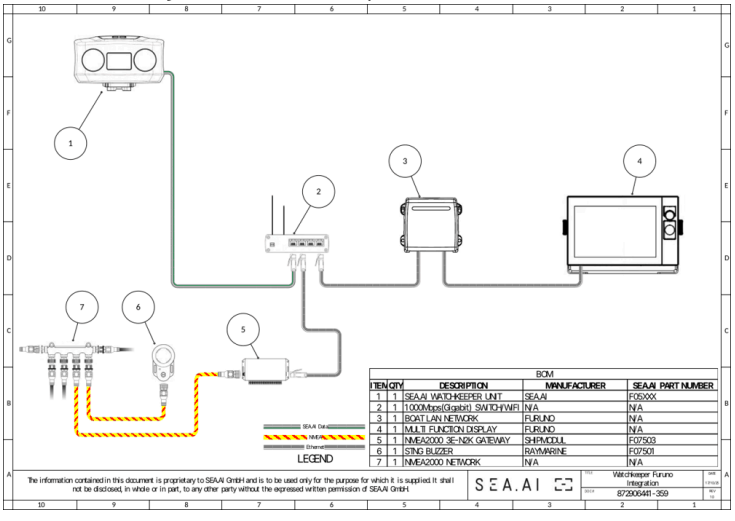
Raymarine

The MFD manages the network. Optional Wi-Fi router with DHCP off.



Furuno

The MFD manages the network. Optional Wi-Fi router with DHCP off.



Garmin

A Garmin PoE isolator on the switch port to Watchkeeper. Wi-Fi router for phones with DHCP off. Garmin MFDs use the image stream.

> ⚠ CAUTION When an MFD manages the network, switch off DHCP on any extra router.

Watchkeeper on an MFD

There are three ways to see Watchkeeper on an MFD. Only the SEA.AI app gives you all functions.

FULL APP

SEA.AI app on the MFD

The complete app: live image, detections, alarms, all views, Settings and AI Feedback. Recommended.

VIDEO ONLY

Video stream (RTSP)

The camera image with detection boxes on the camera page of the MFD. For settings and the other functions, use the SEA.AI app on a phone, tablet or PC.

FULL APP

Mini PC on HDMI

A mini PC runs the SEA.AI app. The MFD shows it on its HDMI input (monitor mode).

MFD compatibility list

MODEL	SEA.AI APP	VIDEO (RTSP)	MINI PC (HDMI)	ALARM
RAYMARINE				
Axiom+	✓	–	–	MFD alarm
Axiom Pro	✓	–	–	MFD alarm
Axiom 2 Pro	✓	–	–	MFD alarm
Axiom XL	✓	–	✓	MFD alarm
Axiom 2 XL	✓	–	✓	MFD alarm
GARMIN				
GPSMAP 9xxx	✓	–	✓	NMEA buzzer
GPSMAP 84xx	✓	–	✓	NMEA buzzer
NAVICO (B&G, LOWRANCE, SIMRAD)				
Zeus 3S	–	✓	–	MFD alarm
NSS evo3S	–	✓	–	MFD alarm
NSO evo3S	–	✓	✓	MFD alarm
NSX	✓	–	–	MFD alarm
Zeus S	✓	–	–	MFD alarm
Zeus SR	✓	–	–	MFD alarm
FURUNO				
TZT 16F	–	✓[1]	✓	NMEA buzzer
TZT 19F	–	✓[1]	✓	NMEA buzzer
TZT 2BB	–	✓[1]	✓	NMEA buzzer
TZT 16/22/24X	–	✓[1]	✓	NMEA buzzer
TZT BBX	–	✓[1]	✓	NMEA buzzer

[1] Lower frame rate or resolution. ✓ supported · – not supported. **MFD alarm:** the MFD sounds the alarm. **NMEA buzzer:** needs an NMEA 2000 buzzer and an NMEA 2000 gateway (see below). Status September 2025.

Details and the latest list: sea.ai MFD compatibility.

Video on an MFD (RTSP)

Add a network camera on the MFD. Color: `rtsp://{IP}:8555/rgb1`. Thermal: `rtsp://{IP}:8555/t1`. The full URLs are in **Settings › Setup**.

NMEA 2000

A gateway gives boat data and drives buzzers. Watchkeeper detects without it.

Supported: ShipModul MiniPlex-3E-N2K (F07503).

1. **Settings** › **Setup** › **NMEA Setup**. Model: ShipModul.
2. Enter IP (for example `192.168.1.6`) and port (for example `10110`).
3. Select **Check Connection**.

FOR INSTALLERS

Commission the system

1. Switch on. Wait up to 3 minutes. Open the app (see Connect and get started).
2. Activate with the Product Key, or log in as installer.
3. Enter mounting height and distance to bow.
4. Align the camera.
5. Create the obstruction mask, if boat parts are in view.

Log in as installer

Settings › Setup › Login As Installer. SEA.AI service gives you the password. Leave `SERVICE MODE` with the arrow at the top.

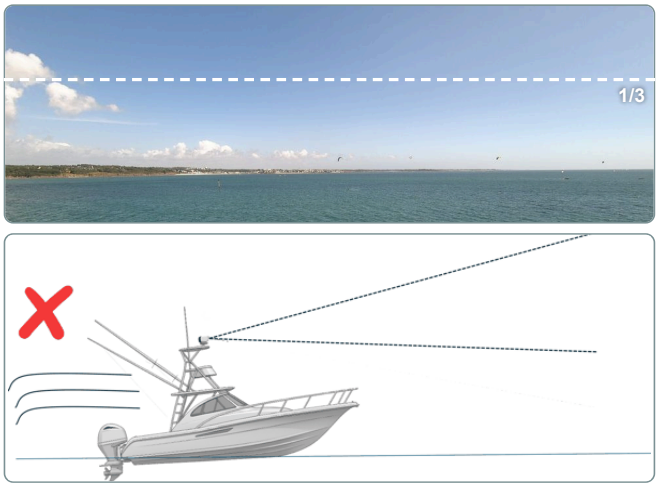
Mounting height

Measure from the waterline to the camera, in meters. Distance estimation depends on it.

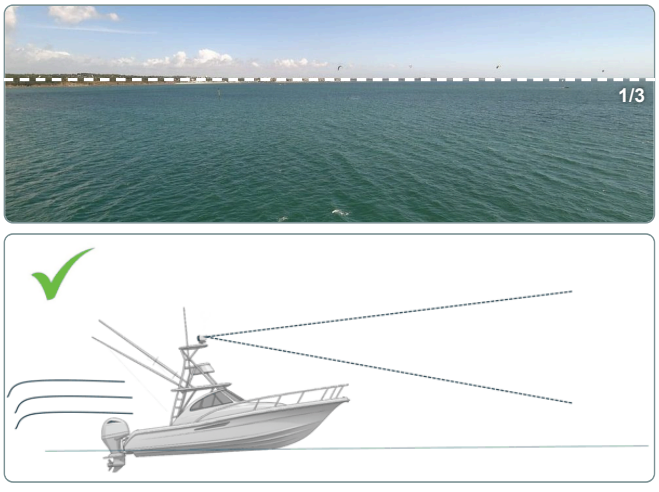
Below 6 m mounting height, the app shows no distances. From 6 m, it shows the distance below each detection.

Align the camera

Put the horizon about one-third from the top of the color image. Check it at cruising speed: the bow rises and the camera looks higher.



✕ **Wrong** The camera looks too high. Too much sky.



✓ **Correct** Horizon one-third from the top, at cruising speed.

Obstruction mask

A mast or antenna in view can cause false alarms. A mask hides it from the AI.

1. Log in as installer. Go outside the harbour.
2. **Settings › Setup › Camera Obstruction Mask ›** `Download Camera Diagnostic`.
3. Send the file to `service@sea.ai`. SEA.AI creates the masks.
4. Upload one mask for each camera.

HELP

Update the software

Updates improve detection. You update Watchkeeper with the SEA.AI app on a phone, tablet or PC. MFDs cannot update.

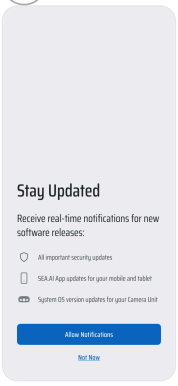
At home: get the update

You need an internet connection for these steps.

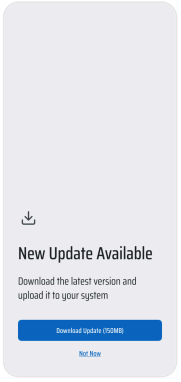
1. Update the SEA.AI app to the latest version (App Store, Google Play or PC app).
2. Open the app. Allow notifications. The app tells you when a new Watchkeeper update is available.
3. Download the update file to your device.

On the boat: install the update

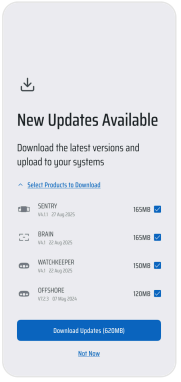
1. Connect your device to the boat network.
2. Switch on Watchkeeper. Wait up to 3 minutes.
3. Open the SEA.AI app. It connects to Watchkeeper.
4. Choose your systems. Select install.
5. Check the new version in **Settings › System**.



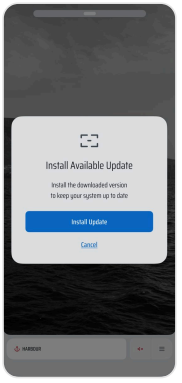
1. Allow notifications.



2. Download the update.



3. Choose your systems.



4. Connect and install.

Update from a file

1. Download `SEA-AI_WK_x.x-xx.oscar` from connect.sea.ai.
2. **Settings › System › Software Update ›** `Browse file` **›** `Upload File`.
3. Select `Restart Watchkeeper`. Check the new version.

Selected file is incompatible: the file is not for this model.

HELP

Clean and inspect

1. Rinse with fresh water.
2. Wipe with a soft, wet cotton cloth. Mild detergent is fine.
3. Stubborn spots: microfiber cloth and isopropyl alcohol.

> ⚠ CAUTION The lens has a coating. No dry cloth, paper, brushes, acid, ammonia or pressure washer.

Check cables and connectors every month.

HELP

Troubleshooting

YOU SEE	WHAT TO DO
The app does not find Watchkeeper	Is your device on the boat network? Wait up to 3 minutes after you switch on. Open watchkeeper.local in a browser. Check the data cable and the router. Restart the router, then Watchkeeper.
watchkeeper.local does not open	Some devices do not support .local addresses. Use the SEA.AI app, or the IP address of Watchkeeper from the device list of your router.
Product Key lost	Log in at connect.sea.ai. Your Product Key is in your account. It is also in the registration e-mail.
No alarms	Docked mode or muted. Select Coastal or Offshore. Check the speaker. Check the AI subscription.
No detections, no boxes	No active AI subscription. See sea.ai.
No video	Check power and connectors. Restart.
Sound Disabled on Start	Phones and browsers block sound until you touch the screen. Tap the screen once.
Alarm Sound Failed	Check the audio settings and connected devices.
System Overheating	Wait. The thermal camera recovers when it cools down.
Color Camera Error, Thermal Camera Error	Check the connection. Restart. Call support if it stays.
Orientation Sensor Error	Restart. Call support if it stays.
Reconnecting to NMEA2000	Check the gateway and its network cable.
Many false alarms	Change the operation mode. Coastal alarms only for close, dangerous objects. Make sure the obstruction mask is done correctly (Commission the system).
MFD video black or stutters	Lower resolution or bit rate in the Advanced tab.
No Storage Device Found	AI feedback cannot record. Call support.

HELP

Warranty and support

2-year limited warranty on manufacturing defects. It starts when you register at connect.sea.ai. Terms: sea.ai/termsconditions.
Need help? Please contact your dealer first. Your dealer knows your installation best and can help you fastest. You can also write to `service@sea.ai`. Send the serial number, installation date and the problem. Find a dealer · FAQ.
New words? See Words and terms.

HELP

Words and terms

The words you see in the app and in this manual.

In the app

Docked
Mode for the marina or at anchor. Detections stay on. No alarms. Watchkeeper starts in Docked.

Coastal
Mode near the coast, with traffic. Alarms only for close, dangerous objects.

Offshore
Mode for the open sea, little traffic. More sensitive, longer range.

Object · Warning · Danger
The three threat levels. Blue box: Watchkeeper sees it. Yellow box: watch it. Red box: act now.

Alarm bar
The bar at the top of the screen. Grey: no alarm. Yellow: warning. Red: danger.

Horizon bar
The full camera width, port to starboard. The white frame is the part you see.

Mute
Switches the alarm sound off and on. The boxes and the bar stay.

Color view
Live image of the color camera. Day, dawn and dusk.

Thermal view
Live image of the thermal camera. Night and bad visibility.

Map
All detections from above, around your boat.

Awareness Ring
A ring around your boat. Coloured segments show where detections are and how dangerous they are. Release 4.4-4 still calls it “Status Map”.

Dual View
Two views side by side. For large screens.

AI Feedback
Records a short clip when Watchkeeper missed an object or warned about nothing.

Voice Alarms
A voice says the threat level and the direction. When off, you hear beeps.

Technical words

Detection
An object that the AI found in the image.

SEA.AI Connect
The SEA.AI web portal at connect.sea.ai. You register there. It shows your Product Key.

AI subscription
The paid licence for the AI functions: detections, distances and alarms. Without it: camera only.

Product Key
A 6-character code. You get it by e-mail after registration. It activates the unit.

- **MFD**
  Multi-function display. The chart plotter screen at the helm.
- **AIS**
  Automatic Identification System. Ships send their position and name by radio.
- **thermal camera**
  Sees heat instead of light. Works at night and in bad visibility.
- **obstruction mask**
  Hides parts of your boat, for example a mast, from the AI. This prevents false alarms.
- **NMEA 2000**
  A standard data network on boats. It connects instruments, displays and buzzers.
- **PoE**
  Power over Ethernet. Power and data in one network cable.
- **DHCP**
  Gives each device on the network its address automatically. Only one device on the network may do this.
- **RTSP**
  Real Time Streaming Protocol. Sends live video over the network, like an IP camera.
- **RJ45**
  The standard network plug (Ethernet).
- **LTE**
  Mobile network (4G).
- **IP67**
  Dust-tight. Protected against immersion in water up to 1 m for 30 minutes.

NOW YOU SEE.

SEA.AI

SUPPORT

Please contact your dealer first.

Your dealer knows your installation best.

You can also write to service@sea.ai

REGISTER AND PRODUCT KEY

connect.sea.ai

WEB

sea.ai

Watchkeeper User and installation manual · Software 4.4-4 · 26 October 2026

Watchkeeper is an aid to navigation. It does not replace a proper lookout. The person in charge of the vessel stays responsible.