



**CYCLOPS
MARINE**

smar**rig** manager Installation Guide

WHAT YOU'LL NEED

1 SMART RIG MANAGER ENABLED MULTI GATEWAY



2 NETWORK POWER CABLE (NMEA2000 OR SEATALK NG)

3 ETHERNET CABLE, AND/OR RELEVANT ADAPTERS (IF REQUIRED)

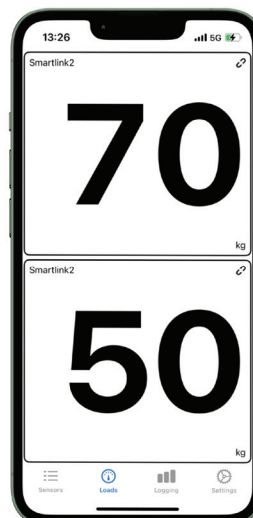
4 CYCLOPS LOAD SENSORS

For use with wired and wireless Cyclops load sensors



5 CYCLOPS SMART FITTINGS MANAGER MOBILE APP

Download for free for use on Android and iOS devices





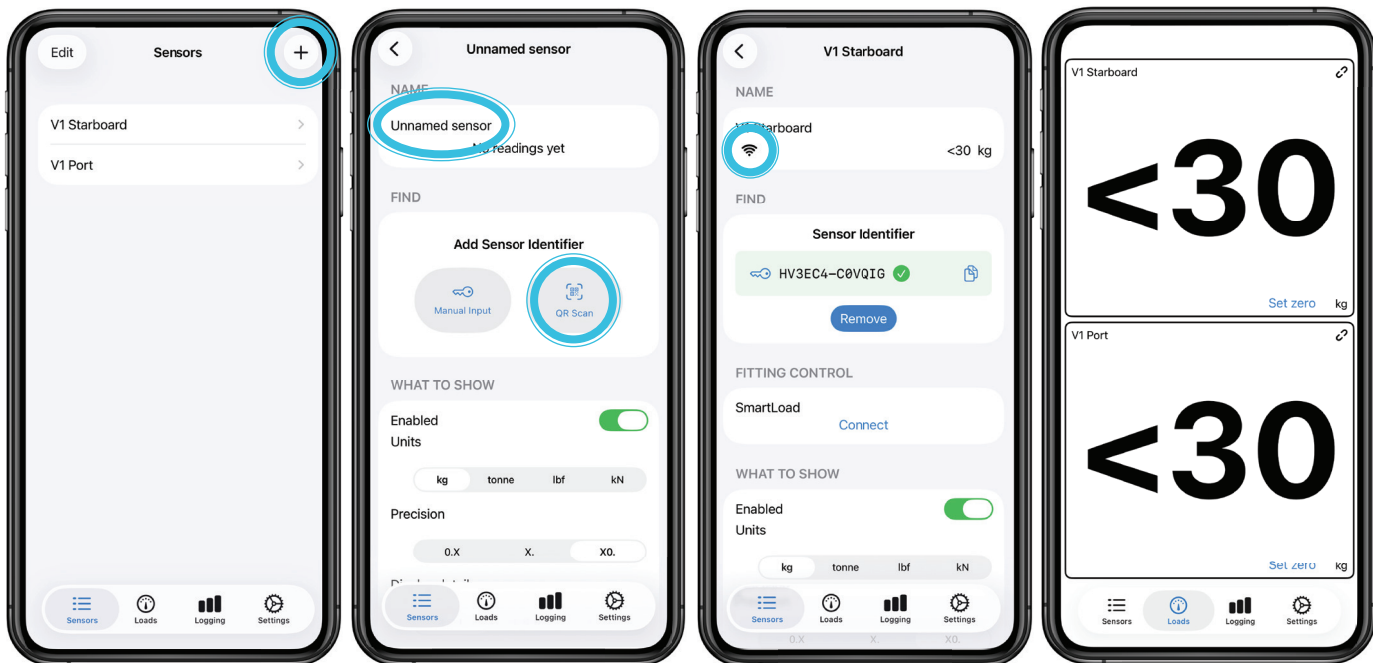
PART ONE: INSTALL LOAD SENSORS

1 INSTALL LOAD SENSORS

To use the Smart Rig Manager app, you will need to install Cyclops load sensors. We recommend installing these to your V1 shrouds as a minimum for the most effective use of the app, and D1 shroud sensors are also recommended. You can add up to 34 sensors in total.

2 CONNECT SENSORS TO SMART FITTINGS MANAGER MOBILE APP

1. Open the Smart Fittings Manager app and click the **plus** button to add a sensor
2. Use the **QR Scan** button to add your sensor - you can then rename this sensor
3. Check Loads page for sensor readings, check signal under sensor name



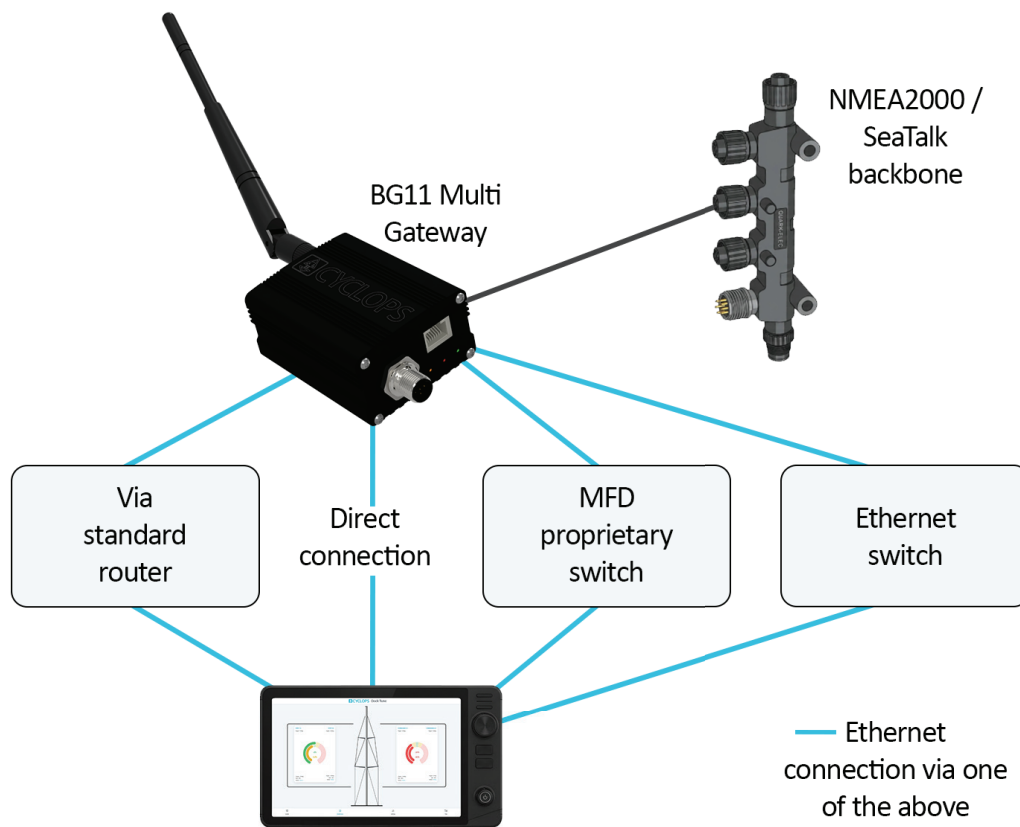


PART TWO: INSTALL THE GATEWAY

The Smart Rig Manager app is served to your MFD via an ethernet connection.

1 WITH AN ETHERNET CONNECTION

1. Connect Gateway using a NMEA2000 or SeaTalk NG cable
2. Connect ethernet cable directly to Gateway
3. Connect ethernet cable to ethernet network serving the MFD by doing one of the following:
 - Connect ethernet cable directly into MFD (Garmin)
 - Connect ethernet cable via proprietary adapter into MFD (B&G and Raymarine)
 - Connect ethernet cable to the network switch (standard, B&G or Raynet switch) - you may require an adapter to plug directly into the proprietary network switch
4. After connecting and powering the system, wait for the app to appear on the home screen of your MFD. If this does not appear after 30 seconds, reboot your MFD (for Raymarine, you will need to add the app to your homescreen)
5. Permanently affix the Cyclops Gateway





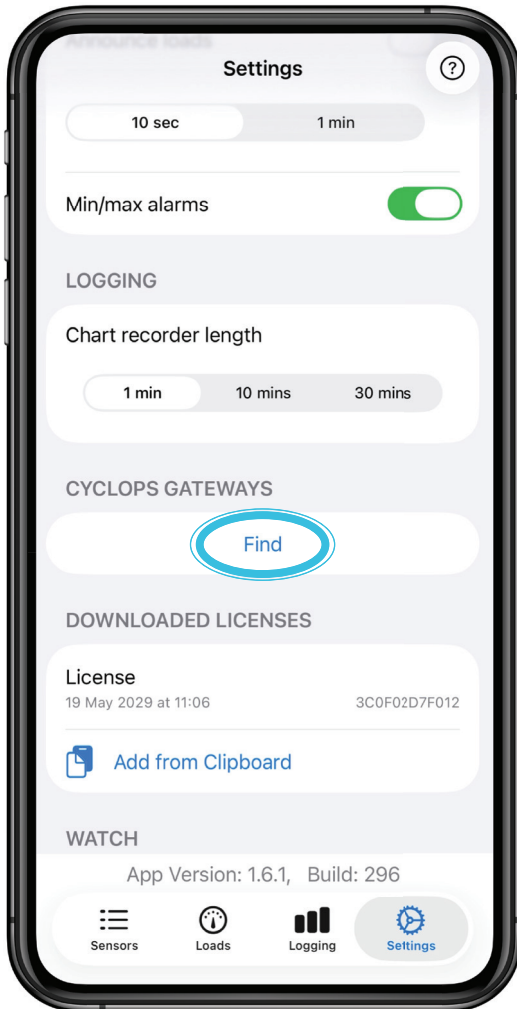
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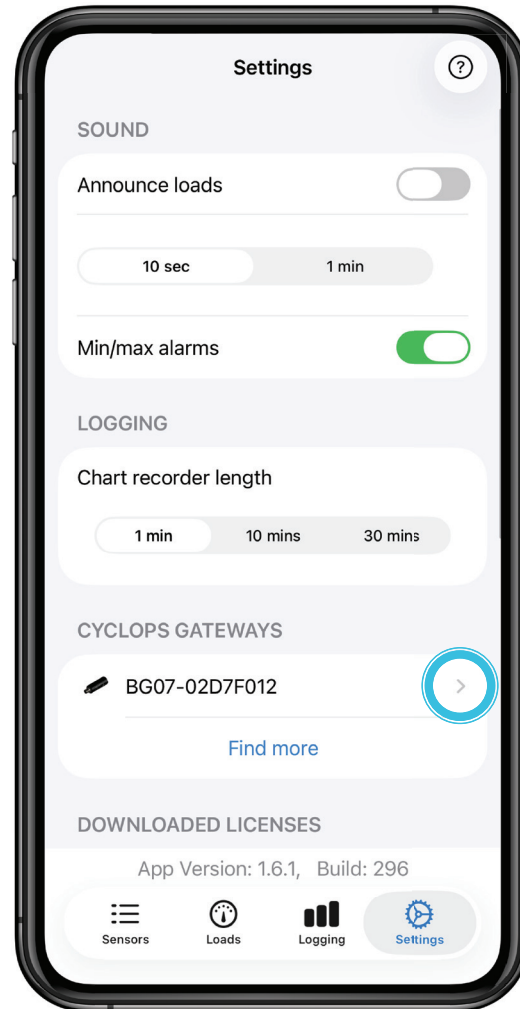
PART THREE: CONNECT GATEWAY AND SENSORS VIA SMART FITTINGS MANAGER MOBILE APP

1 ADD GATEWAY

1. Go to the **Settings** page in the Smart Fittings Manager mobile app and click **Find** in the Cyclops Gateways section



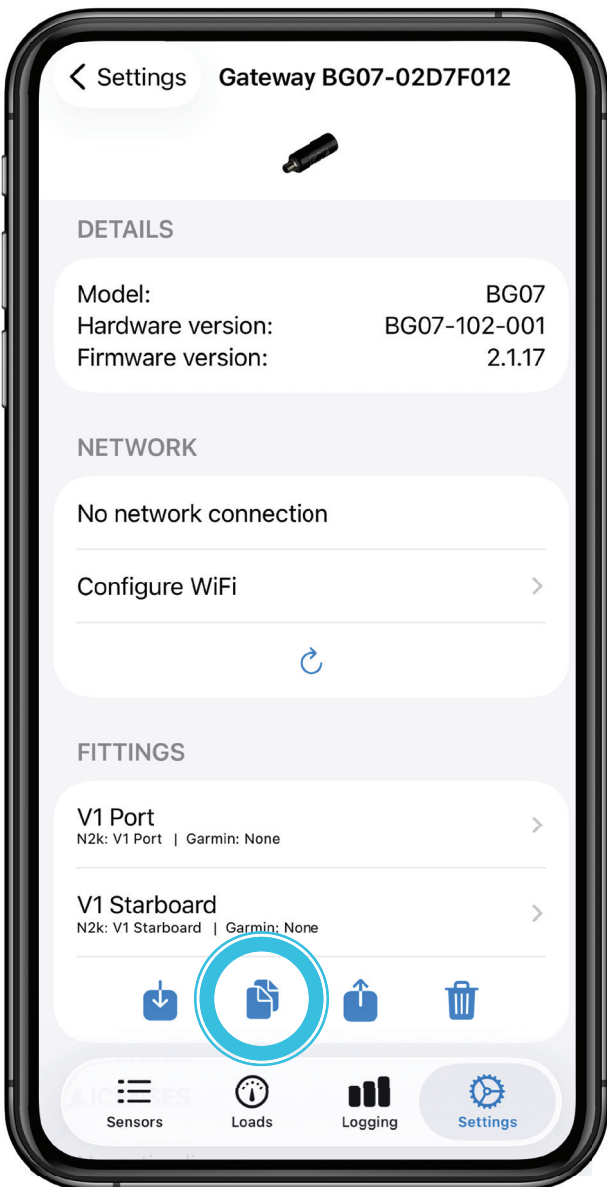
2. Select your Gateway when it appears - cross reference the ID number to ensure you add the correct Gateway



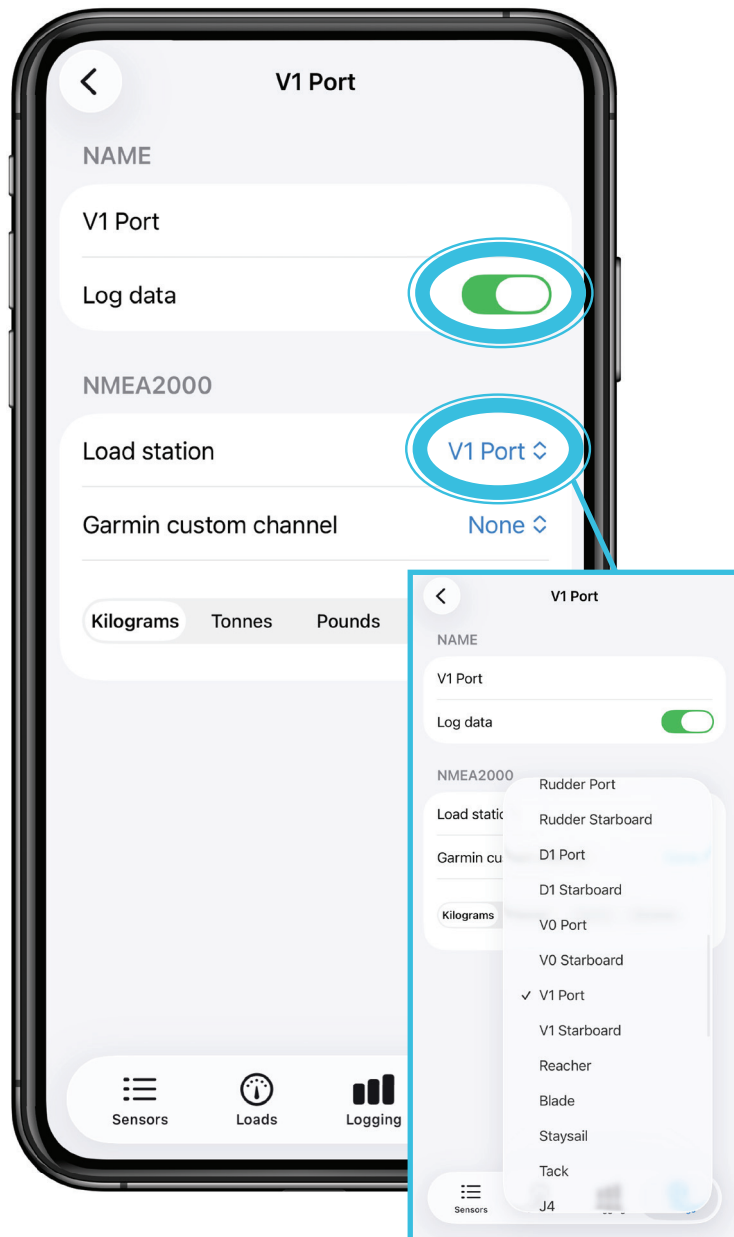


2 CONFIGURE SENSORS AND UPLOAD ONTO GATEWAY

1. Once in your Gateway page, press the **Copy** button (📄) - this copies the sensors you have connected in the app to your Gateway. The sensors should now appear in the Fittings list.



2. Configure the sensors in the gateway: Click each sensor and turn on the **log data** toggle. Use the **load station** to select where the sensor is fitted to the boat e.g. V1 Port. (If using Garmin, use the Garmin custom channel section)



3. Set the reading unit for the sensor
4. Repeat for all sensors
5. Click the **upload** button (📤) to share the sensor details to your Gateway

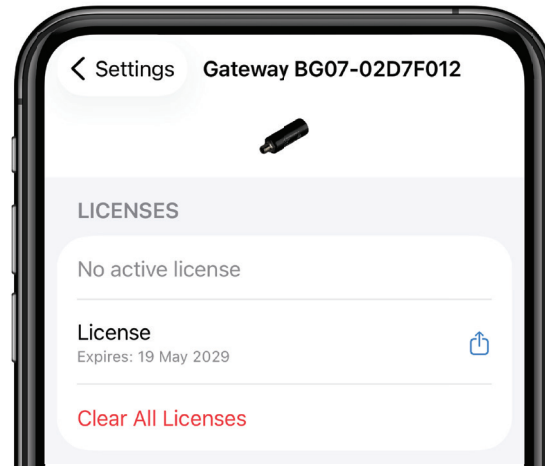


PART FOUR: APPLY SMART RIG MANAGER LICENSE

You can use your Multi Gateway without a license to view Live Sailing data on your MFD on the smar**rig** manager app and view data within displays on NMEA2000 network.

1 LOAD LICENSE

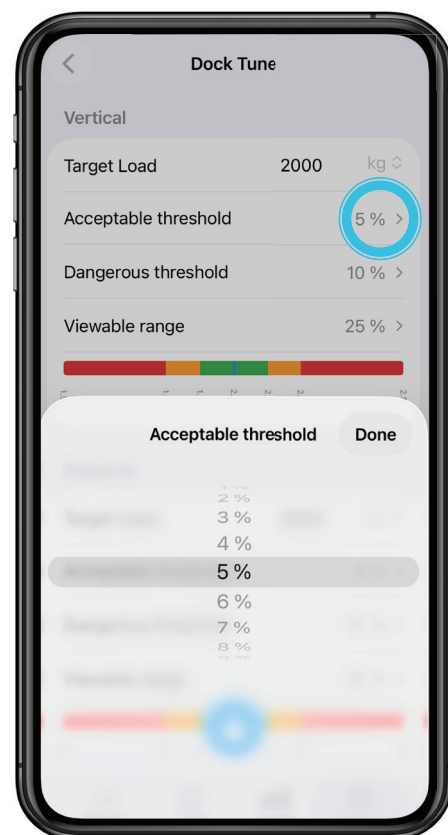
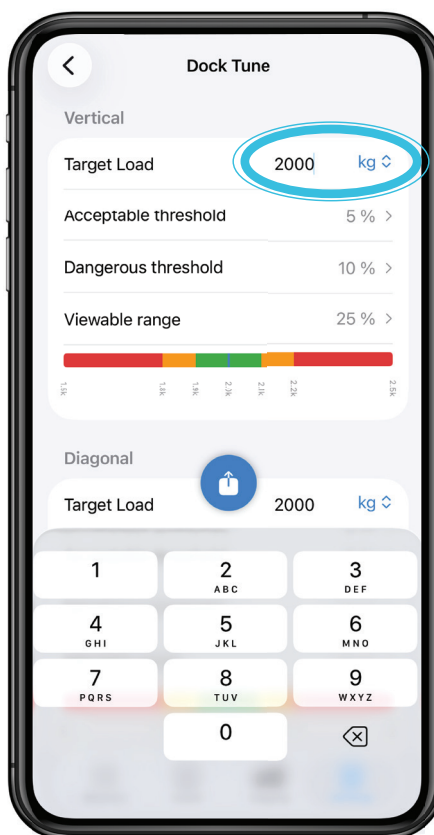
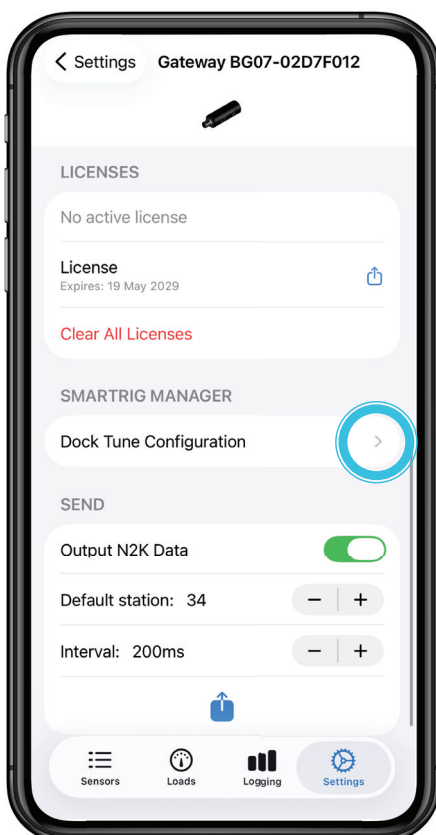
1. Click the link in the email you received from Cyclops Marine. Click Allow to open in the Smart Fittings Manager app
2. Your license should then be visible in your Gateway page



PART FIVE: CONFIGURE DOCK TUNE

1 CONFIGURE DOCK TUNE SETTINGS

1. Click into the **Smart Rig Manager** section in Gateway page in settings
 2. Edit your **target load** and **acceptable and dangerous threshold** for each sensor - this will set your green, yellow and red ranges.
- Check with your boat or rig manufacturer for your specific loads.




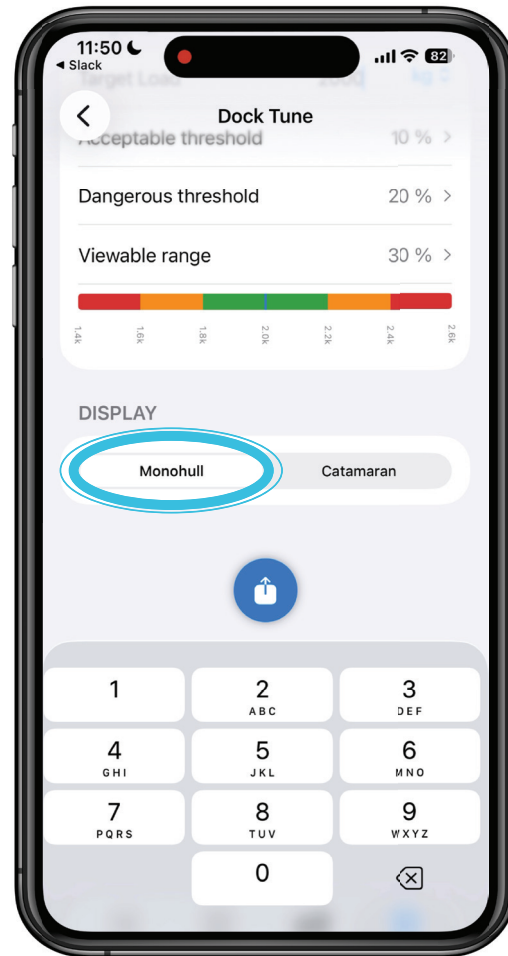
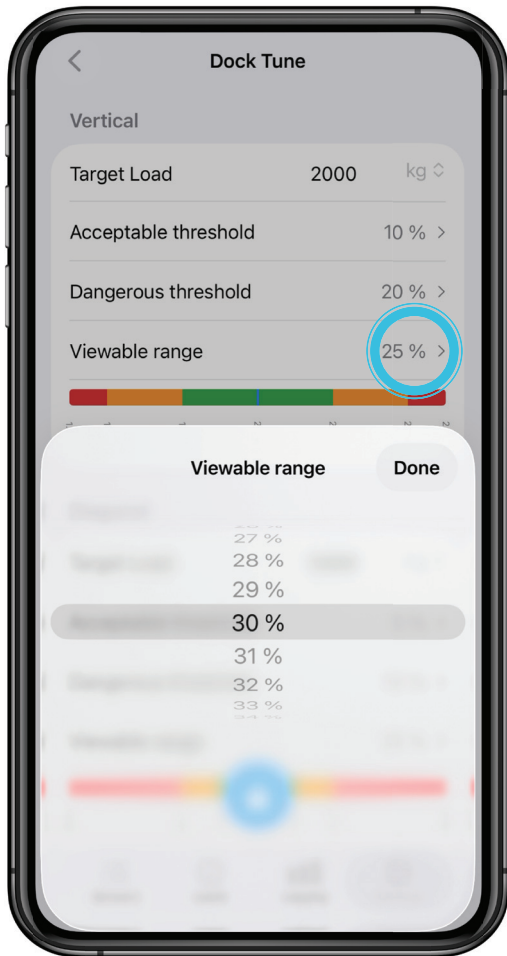


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1 CONFIGURE DOCK TUNE SETTINGS

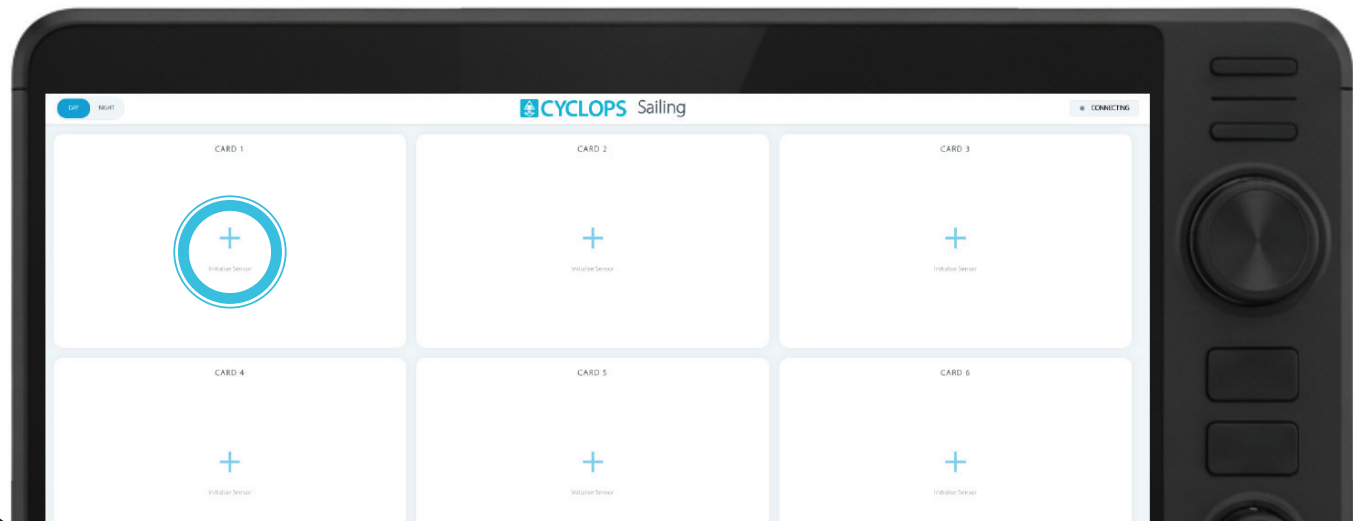
3. Set the **viewable range** to your preference - this will adjust how much of the range you can see either side of your target load and acceptable threshold.
4. Set display image to monohull or catamaran
5. Press the **upload** button () to save these settings to your Gateway



PART SEVEN: CONFIGURE LIVE SAILING

1 CONFIGURE LIVE SAILING PAGE

1. To add a sensor to your Live Sailing page, select an **empty card** to edit.





PART SEVEN: CONFIGURE LIVE SAILING

1 CONFIGURE LIVE SAILING PAGE

2. Add a **title**, and select the **source sensor** from the drop-down list of available sensors on your network.

Edit Card: Empty Slot

The maximum **must not** exceed the SWL of the fitting.

Title

Empty Slot

Source Sensor

-- No Source --

Select a **Source Sensor** to configure its load thresholds.

Display Type

Cancel Save

Edit Card: Empty Slot

The maximum **must not** exceed the SWL of the fitting.

Title

Backstay

✓ -- No Source --

Backstay

Main Sheet

Port D

Port V

Starboard D

Starboard V

3. Set the **minimum, target** and **maximum loads** for the sensor you have selected (this must not exceed the safe working limit of the fitting you are using). Then click in the **display type** drop-down to select if you would like to see this as a number or dial graphic in your dashboard. Click **save** to exit the configured card.

Edit Card: Empty Slot

Backstay

Load Specifications (1)

Min	Target	Max
0	2000	4000

Cancel Save

Edit Card: Empty Slot

Min	Target	Max
1200	1500	1800

Display Type

Dial Graphic

Digital Number

Cancel Save



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PART SEVEN: CONFIGURE LIVE SAILING

1 CONFIGURE LIVE SAILING PAGE

2. Your sensor data should now display in your Live Sailing page. Repeat this for as many sensors as you would like to view.

