AIRMAR CAST™

Multisensor Configuration App for Viewing, Configuring and Calibrating Your Multisensor

Airmar CAST™ is a mobile application that allows connection to any Airmar Smart™ Multisensor. You can view Multisensor data, adjust the outputs, program offsets and calibrate your Multisensor.

PSTI CARD LABEL HERE

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Step 1 - Download CAST™

CAST app is available for Android and iOS mobile devices and can be downloaded free from the Google Play Store or App Store.

1. Go to the Google Play Store (Android) or App Store (iOS) and download the free **Airmar CAST** app.
2. Ensure the Airmar sensor is powered on, and your device's Bluetooth® is enabled.

   Note: Large objects like fuel tanks or bulkheads between the sensor and mobile device can weaken the wireless signal strength. The best connection is next to or above the sensor unit with a direct line of sight to the device.

3. Open the Airmar CAST app. You will be prompted for access to the following features: **Camera**, **Devices**, **Wireless** and **Location** (order varies by OS).

   Note: You must **Allow** access to all features to maximize device capability.

4. The app displays available sensors in range in the **Searching for devices** page.
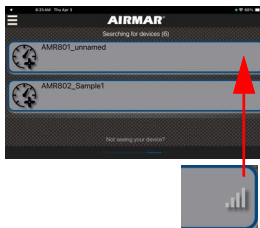
5. If multiple sensors display, it may be necessary to power down your sensor, then power up. Upon power up, your sensor flashes a wireless signal to the right of the sensor name. This indicates your sensor.

Step 2 - Initial Connection

1. Select your sensor from the list. The **Connecting** page opens with the camera enabled.

2. Scan the PSTI Card label. The PSTI Card is on the cover of this Quick Start Guide, and on the Bluetooth label attached to the sensor cable.
3. After scanning, press the **Show Pincode and Connect to the Device** button on your mobile device. A six-digit code is generated.
4. If an Error message displays, there are several possible reasons: You have not selected your sensor, the sensor is not powered on, or there is a wireless connection error. Repeat the **Initial Connection** instructions.

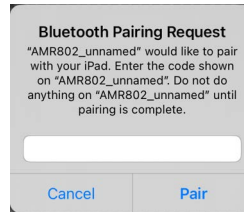   **Note:** If repeated connection attempts are unsuccessful, contact Technical Support at https://www.airmar.com/Customer-Support to enter a ticket.

5. Upon connecting to the correct sensor, a **Pairing Request** box displays.

Bluetooth Pairing Request

"AMR802_unnamed" would like to pair with your iPad. Enter the code shown on "AMR802_unnamed". Do not do anything on "AMR802_unnamed" until pairing is complete.

Cancel   Pair

6. Enter the code into the request box and press **Pair**.
7. The **Customize Device** page opens.
8. From **Customize Device**, enter a **Friendly Name** to distinguish the sensor from others, for example **MyDevice810**. If CAST is closed, this is the name to select when reconnecting to your device.

Customize Device

SN : T0001977390

Please give your sensor a unique name for display within the application and select your boat kind.

Friendly Name   **MyDevice810**

SAIL BOAT   MOTOR BOAT
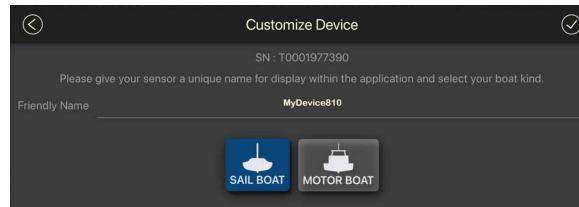
9. Press **Sailboat** or **Motorboat**, based on your vessel type.
10. Press the check mark to save changes and close the **Customize Device** page. The **Device Data** page displays **Depth**, and **Heel** and **Trim** of the vessel.

Step 3 - Initial and Custom Data Pages

1. CAST allows multiple customized pages to display sensor data. To add a new page, press the **Add Page** (+) button.
2. Choose a **Page Layout**, then press **Add Data** (+) to select from the various **Data Types**, including **Maps**, **Attitude**, **Depth**, **Water Speed**, **Distance Total**, **Distance Trip**, and **Temperature**.
3. Press the **Settings** icon to display the unit **Settings** for each data display, including **Metric**, **Imperial** and **Nautical**.

    Note: Units vary by Data Type and available sensor features.
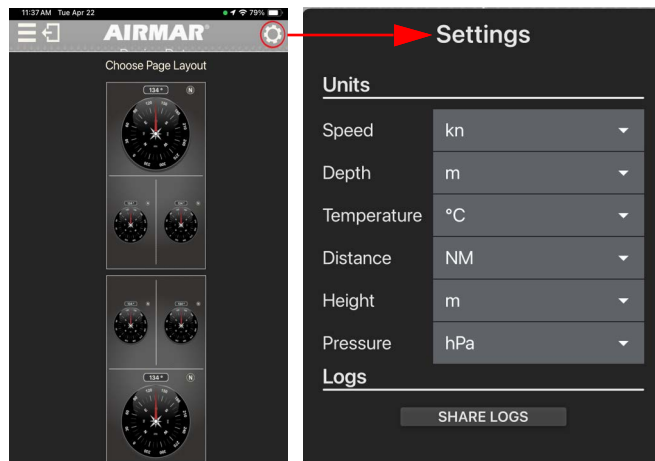
4. Proceed to **Step 4 - Customize CAST and Calibrate Sensors**.

Step 4 - Customize CAST and Calibrate Sensors

1. With the vessel level (stable side-to-side and fore-to-aft), check the **Pitch** and **Roll** values under **Offsets**. If they are not zero (0) degrees, press the **Down** arrow button, then press the **Hold to Calibrate** button. CAST calculates an average Pitch and Roll reading over 10 seconds.

2. When complete, the sensor should read approximately 0 degrees for both **Pitch** and **Roll**.

3. Additional functionality and Offsets, including NMEA 2000 PGNs, Depth and Speed Calibration, and sensor output frequency are covered in the CAST User Guide.

> *For complete user instructions, see the CAST User Guide by selecting Help from the Main CAST menu or by visiting https://www.airmar.com/Software-Apps/CAST.*