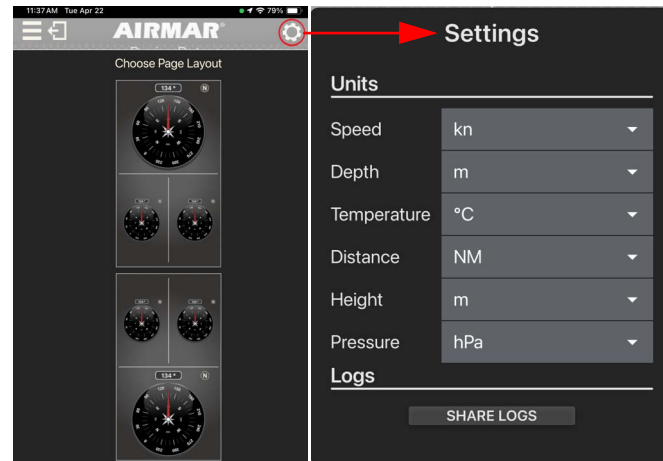


Step 3 - Initial and Custom Data Pages

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.**

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>.

Step 4 - Customize CAST and Calibrate Sensors

1. Verify you are connected to the UDST820 sensor.
2. 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.
3. When complete, the sensor should read approximately 0 degrees for both **Pitch** and **Roll**.



4. Disconnect from the UDST820 and connect to the UDST822, repeating steps 2. and 3.
5. For Dual Hull configurations, go to the **Advanced** tab and verify **Dual Hull Option** is enabled (green) for both sensors.



6. Additional functionality and Offsets, including NMEA 2000 PGNs, Depth and Speed Calibration, Dual Hull configurations, and sensor output frequency are covered in the **CAST Mobile App User Guide**.



AIRMAR
CAST™

QUICK START GUIDE

UDST820 & UDST822

**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.

APPLY 3 x 2 PSTI CARD LABEL HERE

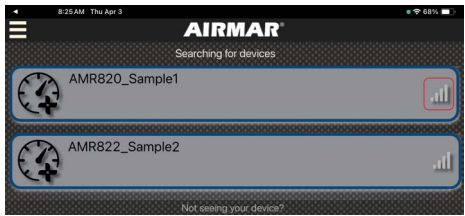


Step 1 - Download CAST™

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 installed, 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**, and **Wireless** (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 your sensor does not display, check the cable connections, e.g., power supply.

TriSonic Smart™ Sensors - Dual Hull Configuration

Vessels with dual hull configurations, such as catamarans, can use both a UDST820 and a UDST822 for instances when one hull is not immersed in water. The UDST820 (GREEN cap) is installed to the STARBOARD side and the UDST822 (RED cap) is installed to PORT side. During **Step 2 - Initial Connection**, both units must be scanned and connected to CAST separately to enable the dual switching mode.

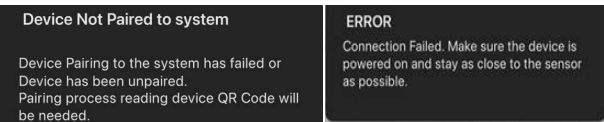
Step 2 - Initial Connection

- 1. Select the UDST820 sensor from the list. The **Connecting** page opens with the camera enabled.

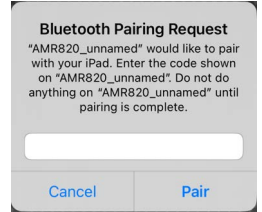


- 2. Scan the PSTI Card label. The PSTI Card is on the cover of this Quick Start Guide, and on the Bluetooth label attached to the sensor cable.
- 3. After scanning, press the **SHOW PINCODE AND CONNECT TO THE DEVICE** button on your mobile device. A six-digit code is generated.
- 4. If an Error message 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.

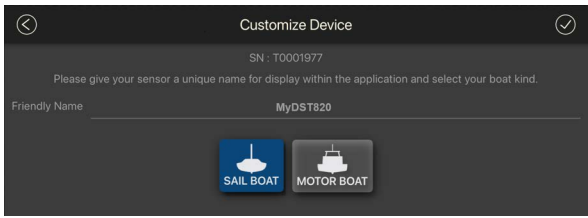
Note: If repeated connection attempts are unsuccessful, contact Technical Support at <https://www.airmar.com/Product-Support> to enter a ticket.



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



- 6. Enter the code into the request box and press **Pair**. The **Customize Device** page opens.
- 7. From **Customize Device**, enter a **Friendly Name** to distinguish the sensor from others, for example **MyDST820**. If CAST is disconnected, this is the device name to select when reconnecting.



- 8. Press **Sailboat** or **Motorboat**, based on your vessel type.
- 9. 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.
- 10. For the dual transducer mode, return to **Step 2 - Initial Connection** and select the UDST822 instead.