



Chaser Bin V2

Operation Manual

Version: 1.0

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Controller Power

- The i4M Chaser Bin controller takes approximately 5 seconds to boot up.
- There is a diagnostic LED on the front face of the controller. LED states and descriptions are shown in the table below.

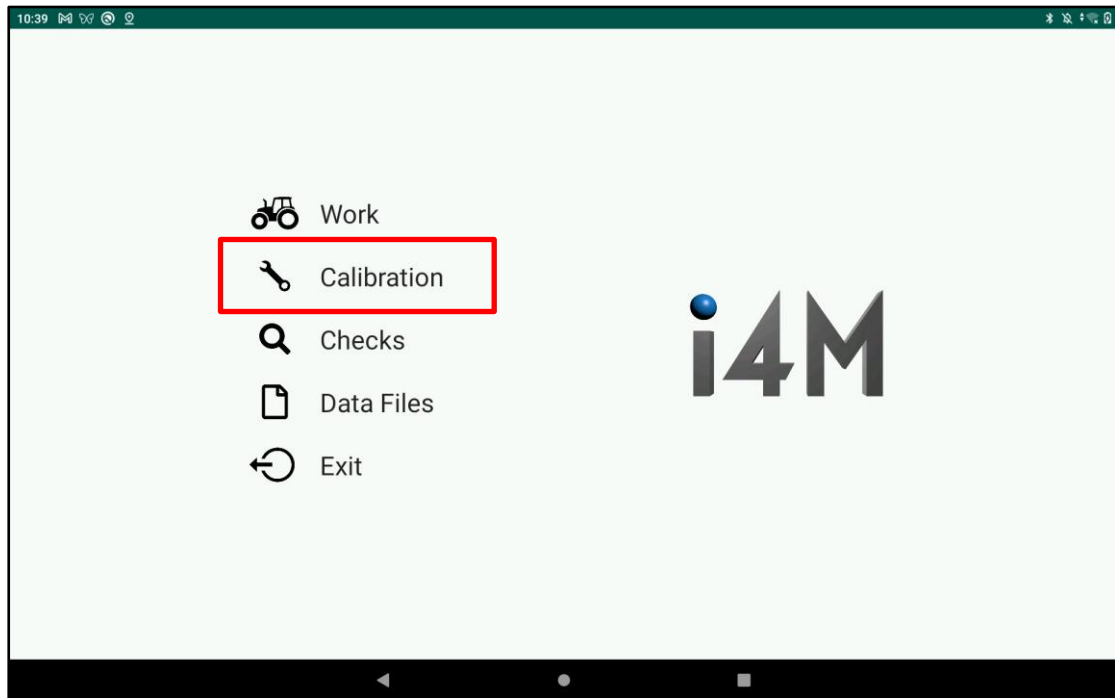
LED	State	Description
	Off	Controller is off
	Red Solid	Controller is booting up
	Green Solid	Controller is on and ready to use

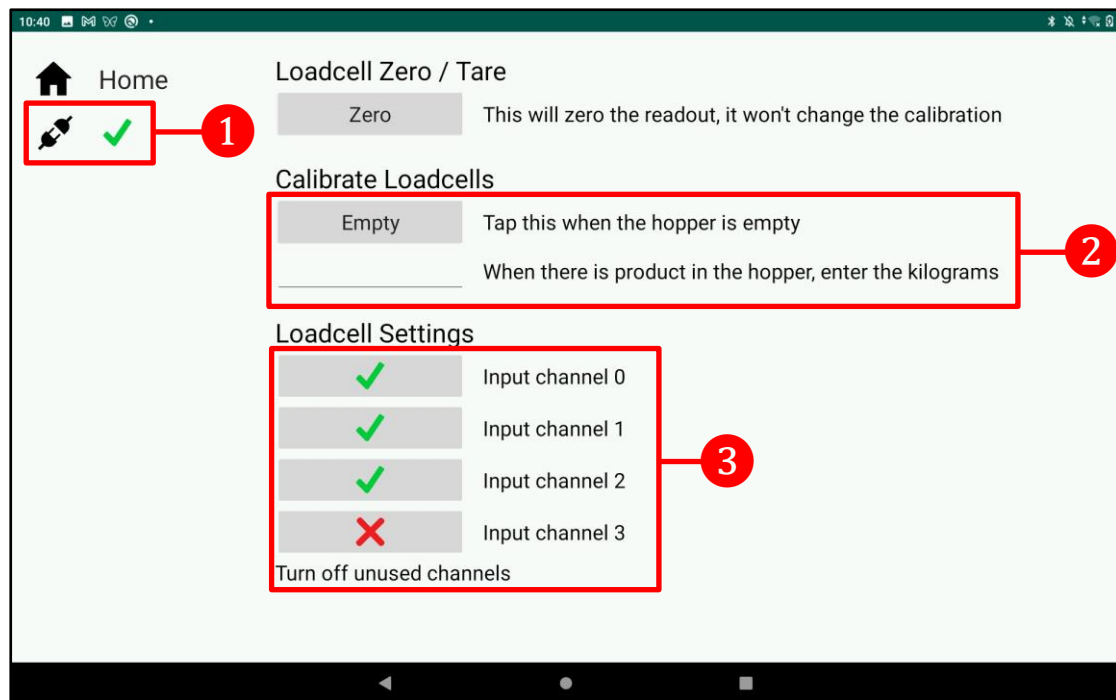
Android App Setup

- Install the i4M Chaser Bin app on your tablet.
- After the app is installed, connect the tablet to the i4M Chaser Bin controller.
- The i4M Chaser Bin controller acts as a Wi-Fi hotspot.
- To connect, open the tablets Wi-Fi settings and connect to MACHINE WIFI.
- Open the i4M Chaser Bin app.

Machine Setup

- Loadcells will not operate correctly until they are calibrated.
- Open the i4M Chaser Bin app.
- Navigate to Calibration.

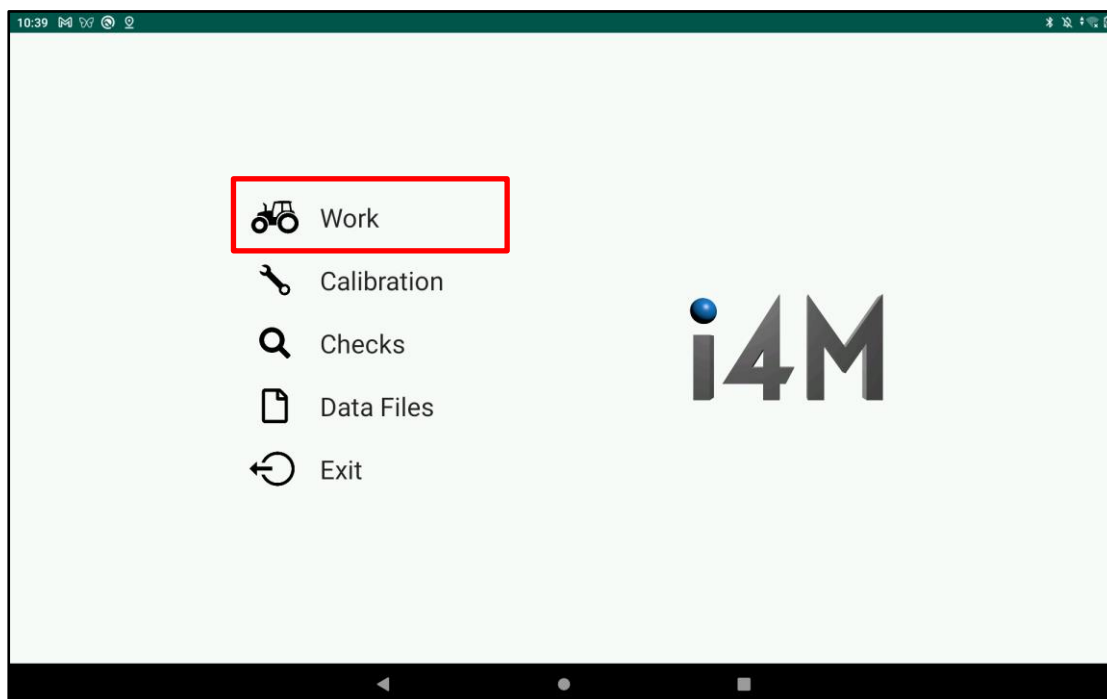


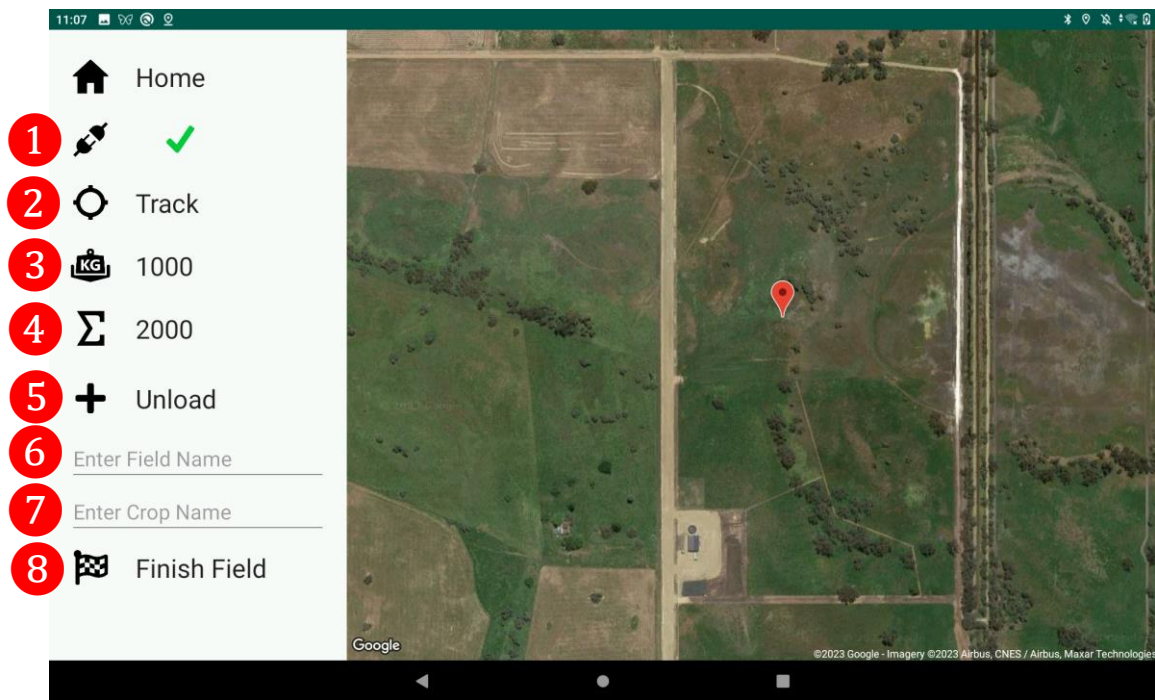


- ① Ensure the tablet is connected to the controller Wi-Fi. A green tick will be displayed here if there is a successful connection. Otherwise, a red cross will be displayed.
- ② To calibrate the loadcells, ensure the hopper is empty and tap the “Empty” button. Then place a known weight in the hopper and enter the weight into the text field.
- ③ For machines with three loadcells, turn on the first three channels. For machines with four loadcells, turn on all four channels. Tap a button to toggle a channel on or off.

Operation

- Navigate to Work.





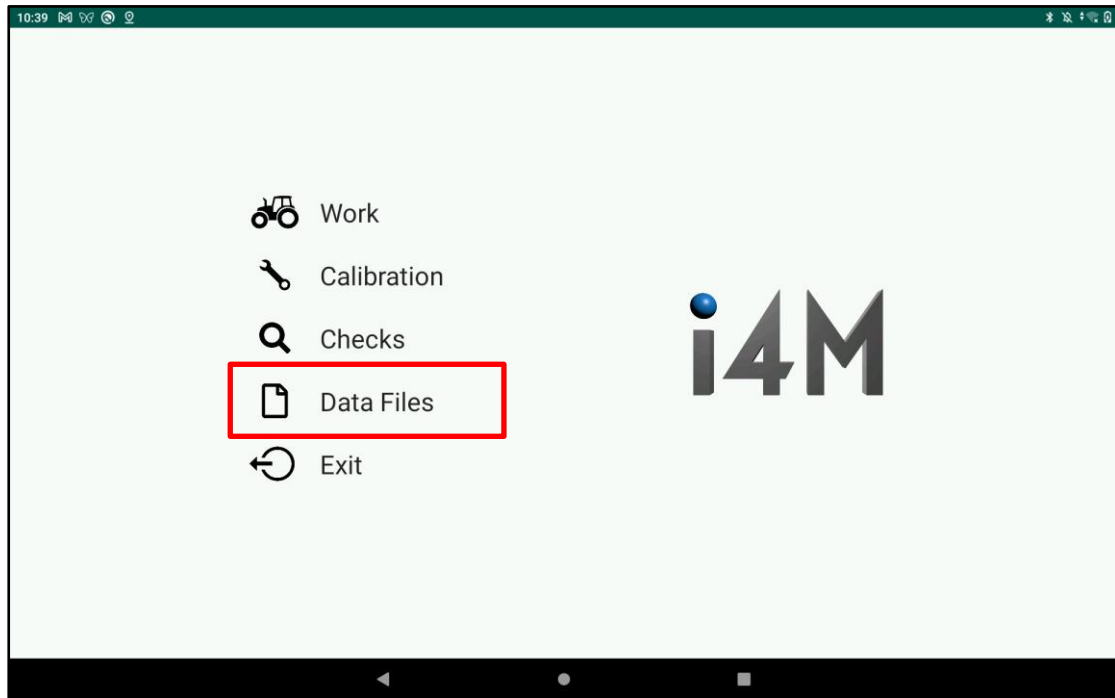
- 1 Wi-Fi connection status. Displays a green tick when connected to i4M Chaser Bin controller Wi-Fi. Otherwise displays a red cross. Tap to open Wi-Fi settings.
- 2 Tracking button. Tap to have the camera automatically follow the user position and keep them centred in the map. Touch the map to disable tracking. The crosshair icon will be empty when tracking is disabled. The crosshair icon will contain a solid circle when tracking is enabled.
- 3 Hopper weight. Displays a live reading of the current weight measured by the loadcells in kg.
- 4 Cumulative weight. Displays the cumulative weight in kg. This value is saved by the tablet. The user may leave from and return to the work screen, and the cumulative weight will persist.
- 5 Unload button. Tap to add the hopper weight to the cumulative weight.
- 6 Field name. Tap to enter a field name.
- 7 Crop name. Tap to enter a crop name.
- 8 Finish Field button. Tap this button to write the current cumulative weight, field name, crop name and geographic location coordinate to a file stored in the app. This will also clear the current cumulative weight, field name and crop name to prepare for a new recording session.

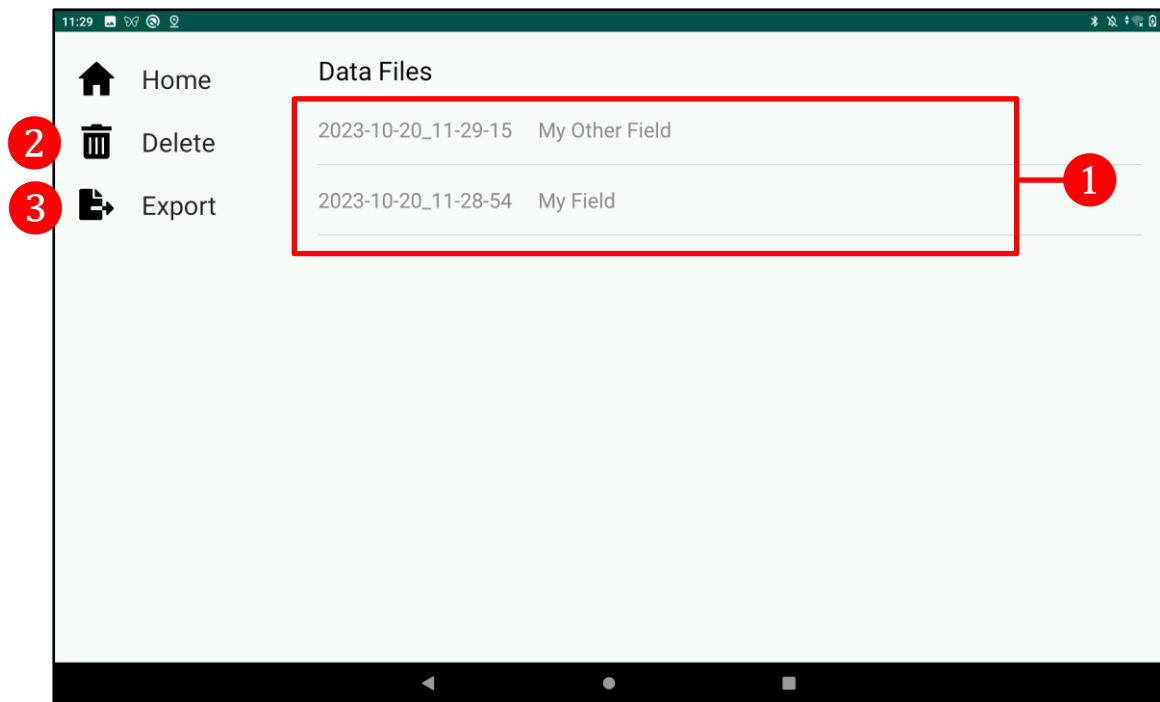
When using the Chaser Bin app in a new area for the first time, the map may not load while connected to the Chaser Bin controller Wi-Fi. It is best to:

1. Disable Wi-Fi.
2. Open the Work screen.
3. Allow the map to load using cellular data.
4. Tap the Wi-Fi connection status button (1 on the previous page) and connect to the Chaser Bin controller Wi-Fi.
5. The map will be cached in local storage and will now display correctly while connected to the Chaser Bin controller Wi-Fi.

Data Files

- Navigate to Data Files.





- ① List of stored data files. The name is a timestamp of when the file was created, followed by the field name (if a field name was entered on the work screen). Tap an entry to view the contents of the file.
- ② Delete button. Tap this button to delete all of the data files stored in the app.
- ③ Export button. Tap this button to export all of the data files to the tablets Downloads folder.