



Spreader V2 Monitor



PRECISION
AGRONOMICS AUSTRALIA

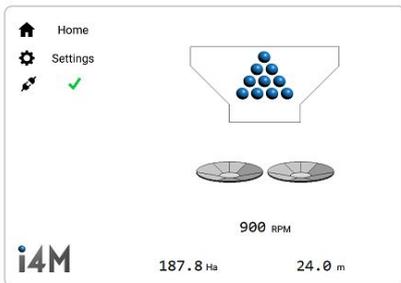
www.i4m.tech

admin@precisionag.com.au

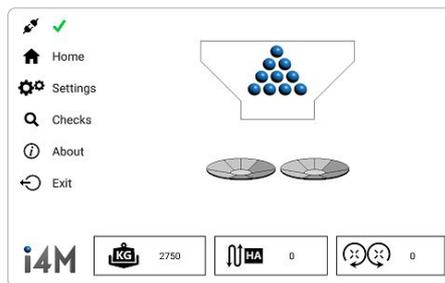
**Operators Guide i4M Monitor
(Loadcells / Spinner Speed Only)
Marshall Multispread
Tablet Type Android
Version 211**



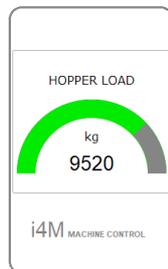
Tacho
Spinner RPM
Hectare Counter



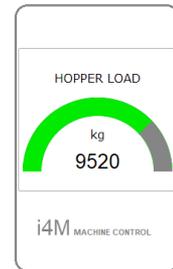
Monitor
Loadcells
Spinner RPM
Hectare Counter



Control
Variable Rate and Mapping
Coverage and Auto Shutoff
Loadcells and Counters



Show Hopper Kg on Phone



Show Hopper Kg on Phone

Foreward

This is a basic guide for the i4M Monitor System only. Important Safety and Operating information is contained in the Spreader Operators Manual, and must be read prior to operating this equipment. This guide provides supplementary information only.

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**SAVE YOUR MONEY
LEAVE THE HOPPER EMPTY UNTIL SETUP IS DONE**



**WANT THE FASTEST SETUP?
FOLLOW THIS GUIDE FROM START TO FINISH**

Installation – Tractors with ISO Socket



- Connect the harness to the ISO socket
- The ISO socket is used for power only, it is not connected to the tractor CANBUS

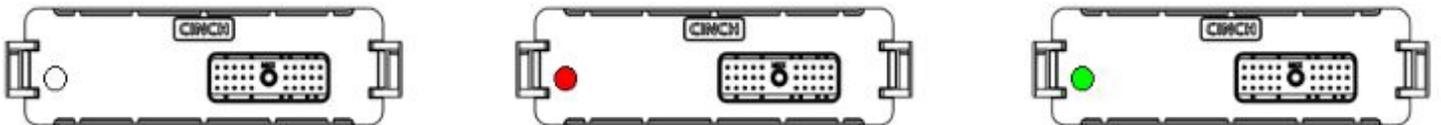
Installation – Tractors without ISO Socket



- Connect the power harness to 12volts and ground
- If possible use a switched power source (power is off when the tractor key is off)
- Connect to power located after the battery isolator (prevent the tractor battery going flat)
- Power source should be capable of supplying 10amps
- If connecting direct to the battery, unplug the spreader cable when not using the spreader

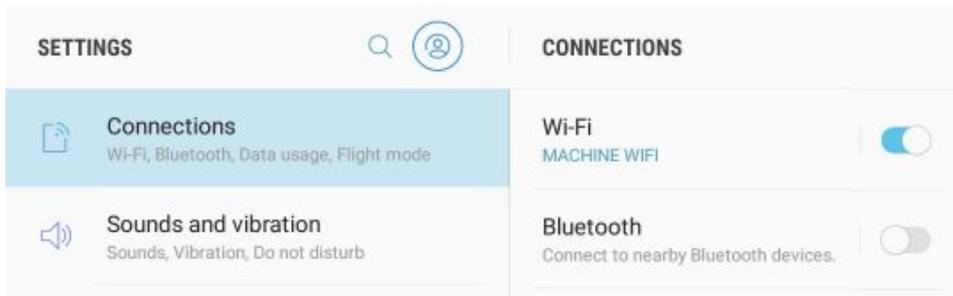
Power On

- The i4M controller and GPS unit take 5 seconds to boot up
- There is a diagnostic LED on the boxes
- Control Box LED: Red is booting up, Green is on solid when ready to use

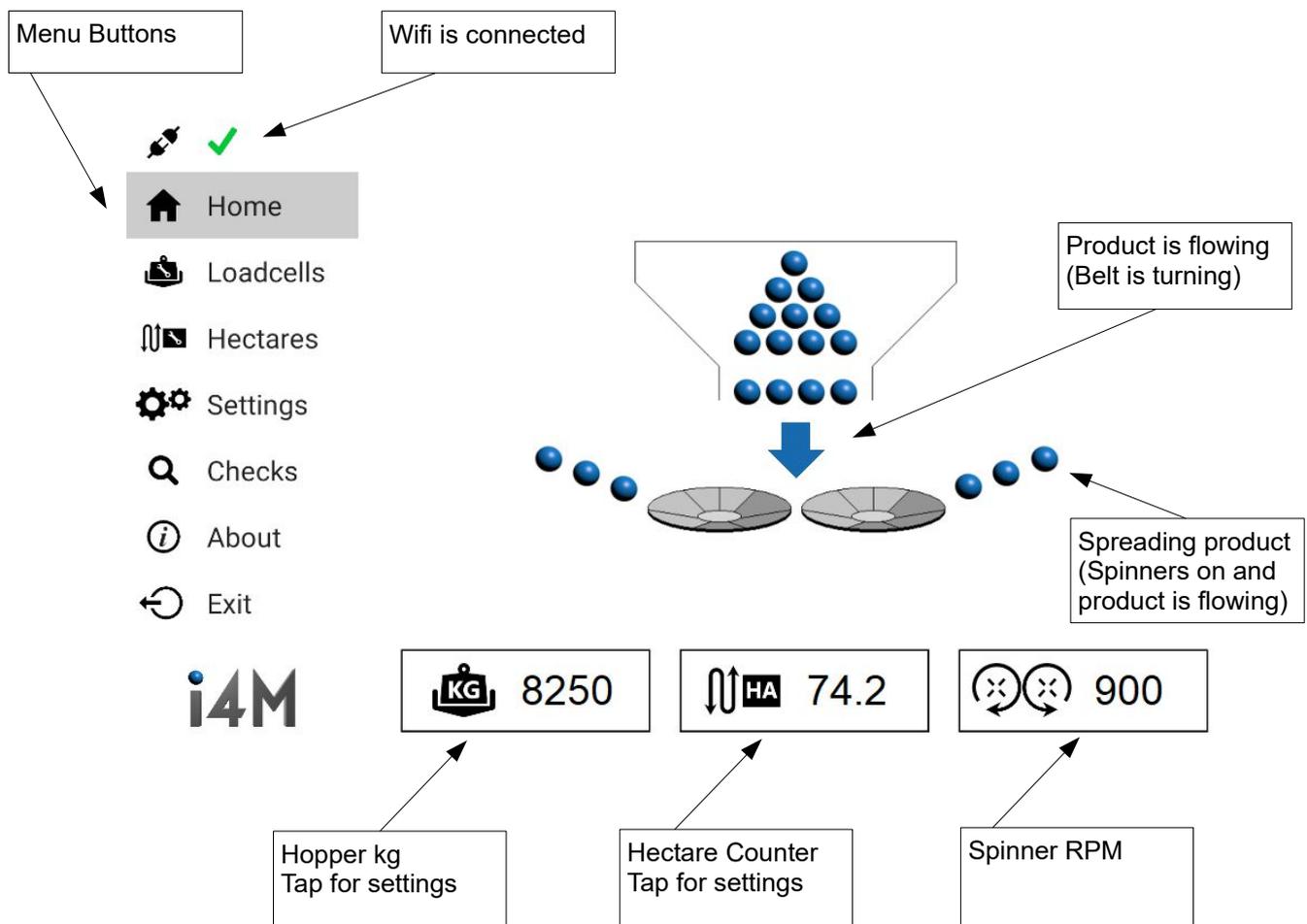


Android App

- Install the i4M Spreader V2 Monitor app on your tablet
- After the app is installed, connect the tablet to the controller
- Open the wifi settings and connect to MACHINE WIFI
- Open the i4M Monitor app

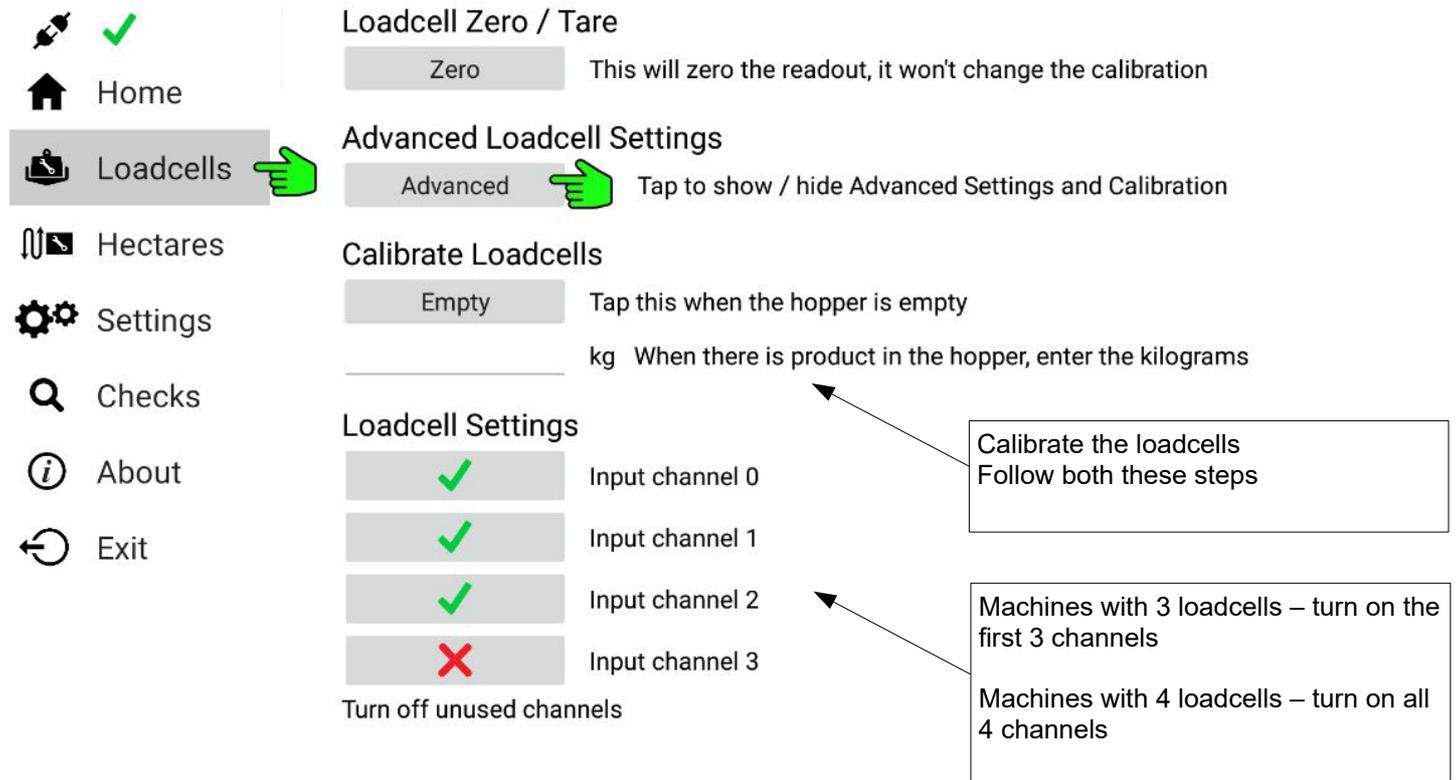


Main Page



Hopper Kilograms – Machines with Loadcells

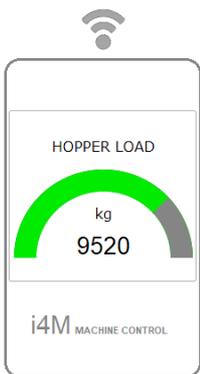
- Electrical weigh scales to show the amount of product in the hopper
- Optional equipment, they may not be installed
- Loadcells do not work until they are calibrated



The screenshot shows the 'Loadcells' menu in the i4M Machine Control app. The menu items are: Home, Loadcells (highlighted with a green hand icon), Hectares, Settings, Checks, About, and Exit. The 'Loadcell Zero / Tare' section has a 'Zero' button with the text 'This will zero the readout, it won't change the calibration'. The 'Advanced Loadcell Settings' section has an 'Advanced' button with a green hand icon and the text 'Tap to show / hide Advanced Settings and Calibration'. The 'Calibrate Loadcells' section has an 'Empty' button with the text 'Tap this when the hopper is empty' and a text input field with 'kg' and the text 'When there is product in the hopper, enter the kilograms'. The 'Loadcell Settings' section has four channels: 'Input channel 0' (checked), 'Input channel 1' (checked), 'Input channel 2' (checked), and 'Input channel 3' (unchecked). Below this is the text 'Turn off unused channels'. Two callout boxes provide instructions: 'Calibrate the loadcells Follow both these steps' points to the 'Advanced' button and the 'kg' input field; 'Machines with 3 loadcells – turn on the first 3 channels' and 'Machines with 4 loadcells – turn on all 4 channels' point to the 'Input channel 0', '1', and '2' settings.

Display Hopper Kilograms on your Phone

- You can see the hopper kilograms while you are filling up the spreader
- Connect your phone to MACHINE WIFI
- Open a web browser
- Enter this in the address bar: 192.168.50.50



Settings Menu



Home

Loadcells

Hectares

Settings

Checks

About

Exit



Machine Settings

Show hopper kg

Show hectare counter

Show spinner speed

Distance cal, adjust so this matches your tractor speed
450 15.6 km/h

Device Settings

Reset Load factory settings

WI-FI Network

MACHINE WIFI 1 Current WI-FI network name

MACHINE WIFI 1 - Select new WI-FI network name

Save

Show or Hide items on the Home page

Drive the machine
Engage the wheel
Adjust this until the km/h matches your tractor speed

When using multiple machines nearby, set a different network name for each machine

Each machine must use a different network
Select a name from the dropdown list then tap SAVE, device will reboot
If GPS installed, check it is connected before changing networks

Hectares Menu



Home

Loadcells

Hectares

Settings

Checks

Hectare Counter

Zero Zero the hectare counter

Spread width in metres

Adjust Hectares

Enter your actual hectares
This will fine-tune the Hectare Counter

Note: Maximum hectares is 2147Ha

Enter the spreading width

To calibrate (or fine tune) the hectare counter, simply enter the actual hectares it has covered