PRODUCT DETAILS

The i4M Chaser bin monitor enables farmers to collect data from loadcells fitted to chaser and field bins. Collection of crop weight data is a crucial component in the calibration and clean up of yield data and also a tool for improving harvesting efficiency.

The system consists of a tablet running the i4M chaser bin app that connects to an electronics module over Wi-Fi. The electronics module reads the loadcell output and records weight when the bin is unloaded. Multiple bin loads are added to an acculumated field weight.
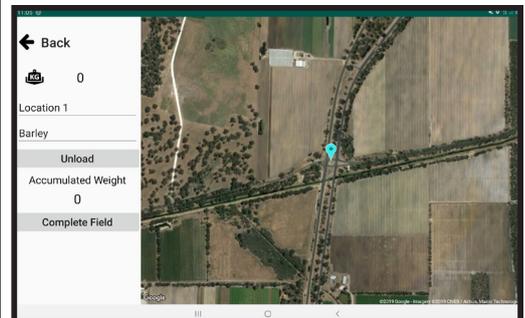
The acculumated field weight is stored locally on the tablet or uploaded to the i4M server for record keeping and analysis.

The chaser bin app includes a simple to use calibration routine to ensure the accuracy of the weight readings and a diagnostic page for checking the output from each loadcell.

web : i4m.tech   email : admin@precisionag.com.au

PRODUCT BENEFITS

- Monitor crop yield from loadcells to provide more accurate yield data
- Easy to setup and calibrate
- Record harvest operations and store for future analysis

i4M Chaser Bin App

DEVICE REQUIREMENTS
Android
10" Screen
Android version 8 and above
Minimum Storage : 32 GB
3/4G Sim Card*

Apple iOS
iPad Mini or iPad
iOS 10 and above
Minimum Storage : 32 GB
3/4G Sim Card*

Sim card recommended when using prescription map transfer features.

Cab charger and RAM mount are recommended for installing the device in the tractor cab

HARDWARE SPECIFICATIONS

i4M Controller is mounted on the front the Chaser bin. Electronics are enclosed in IP67 enclosure to protect from moisture and dust.

Clean 12V power supply from the tractor is required to power the controller electronics. A single status LED is used to display the controller state.

Heavy duty connectors are bolted in the PCB header to ensure protection from dust and moisture.

A generic chaser bin wiring harness is available to suit chaser bin models.

i4M Chaser Bin Controller