



App Manual Content

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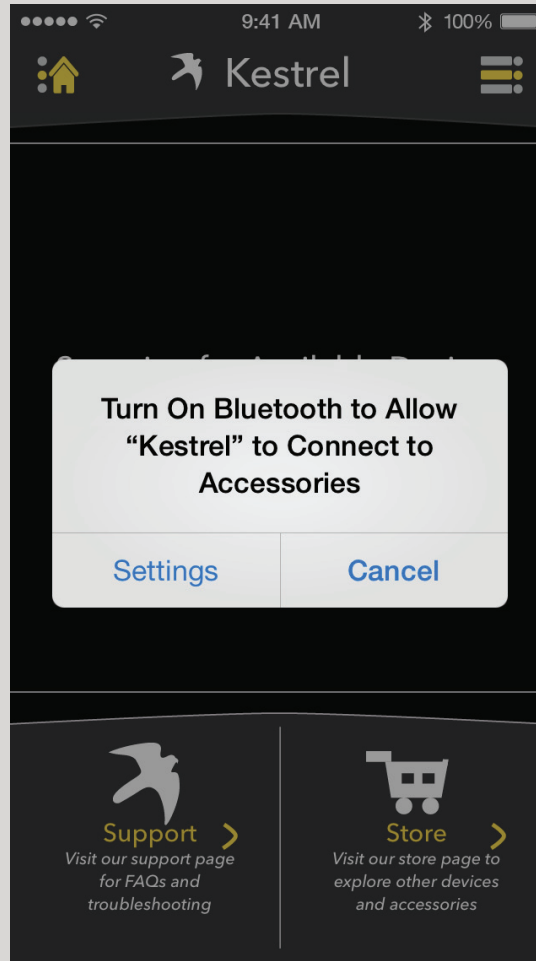
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Launch Screen



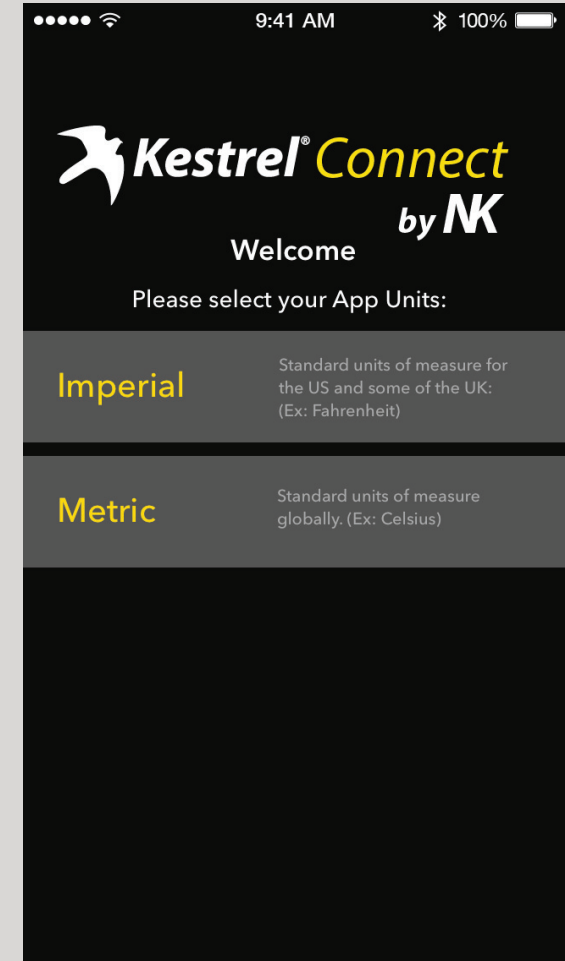
Upon opening the app the launch screen is briefly displayed while the app loads.

Bluetooth Connect Screen



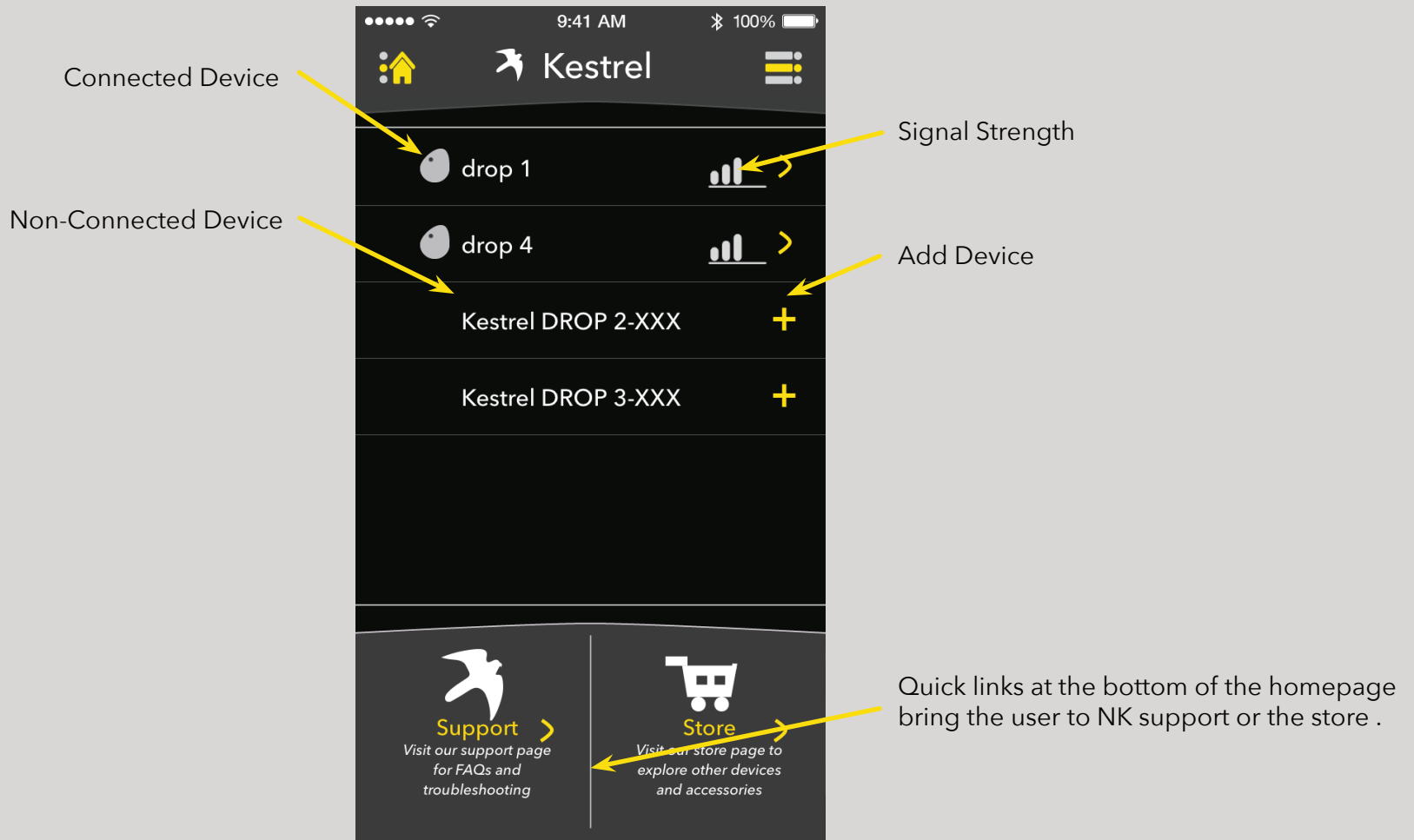
If Bluetooth is turned off on the device, a prompt will appear asking to turn Bluetooth on. With Bluetooth off the app will not be able to connect to Kestrel devices.

Welcome Screen



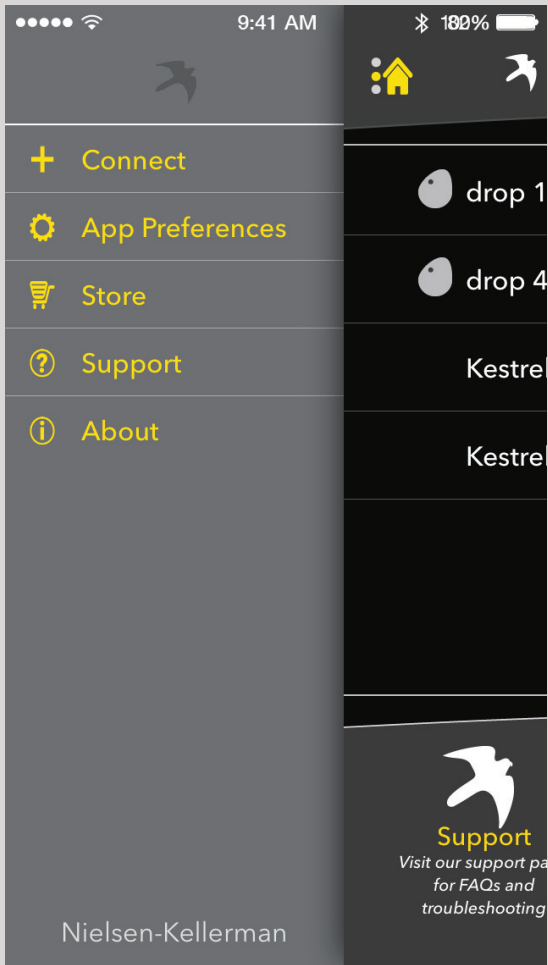
When the app is launched for the first time, the user is given two options for the selection of their app units. These units will be used throughout the app. This can be changed in the app setting.

Home



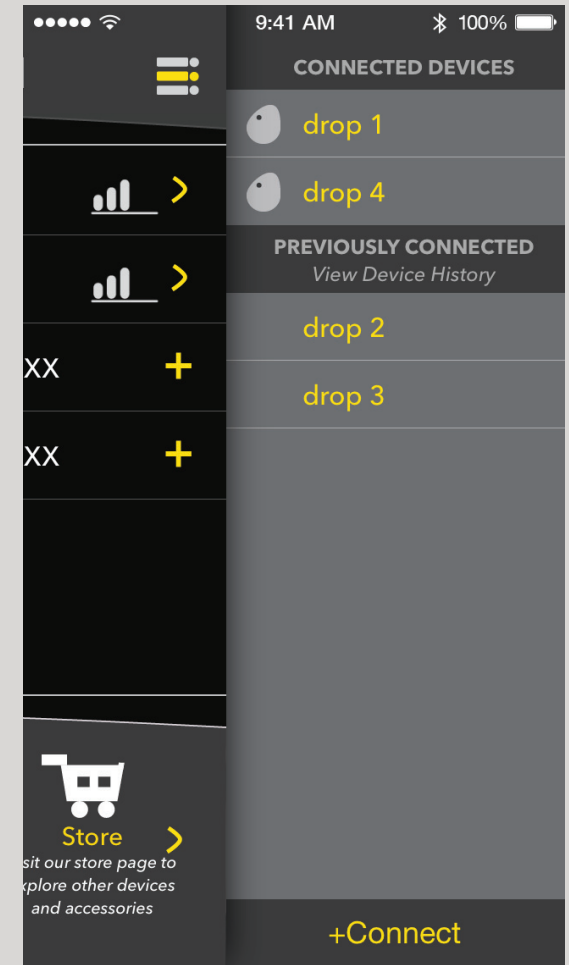
Once arriving at the homepage, all available devices will be displayed. This includes connected devices, and devices not yet connected.

Main Menu Stack



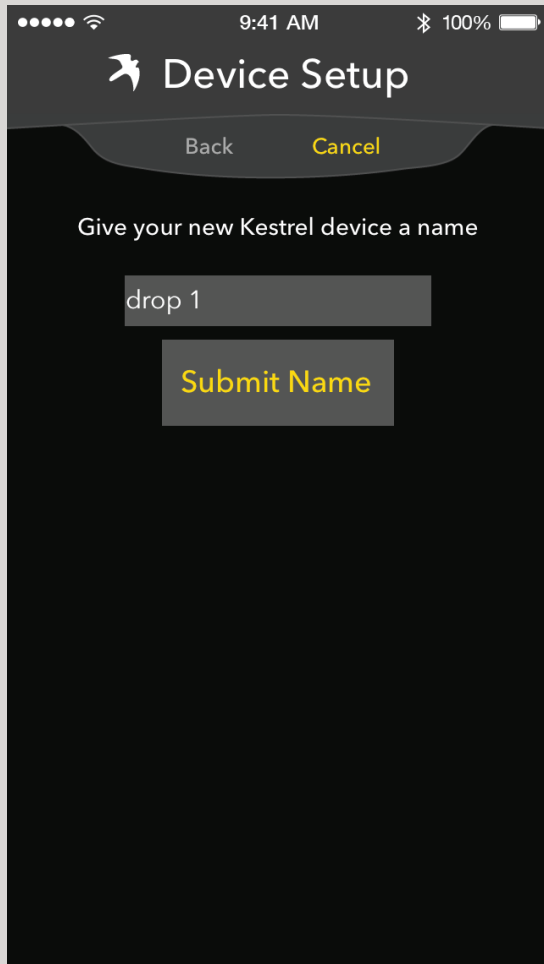
The top left corner stack reveals the main navigation menu of the app. It allows for quick navigation from anywhere in the app.

Connected Devices Stack



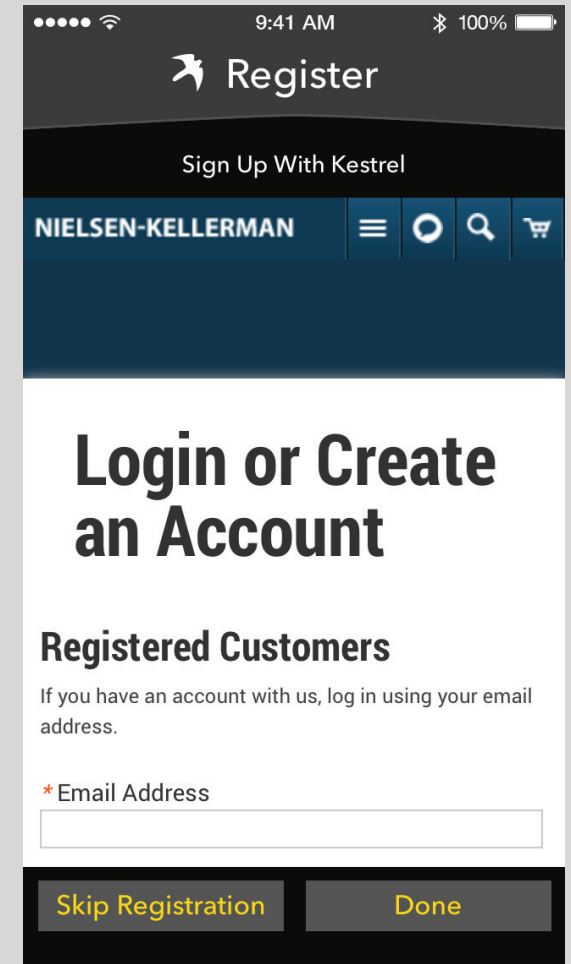
The top right corner stack reveals the device list. It shows the connected and previously connected devices. It allows for quick navigation to devices from anywhere in the app.

New Device Setup



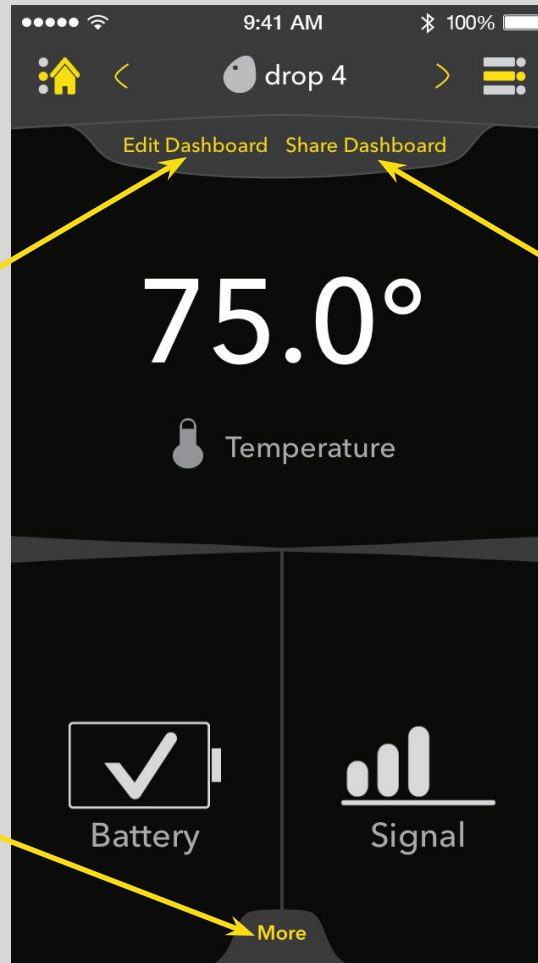
When setting up a device the user will be prompted to name that device. This name will appear throughout the app and can be altered later through the device settings page.

Register



After setting up a device users will be prompted to register with NK. This is optional for the user.

Dashboard



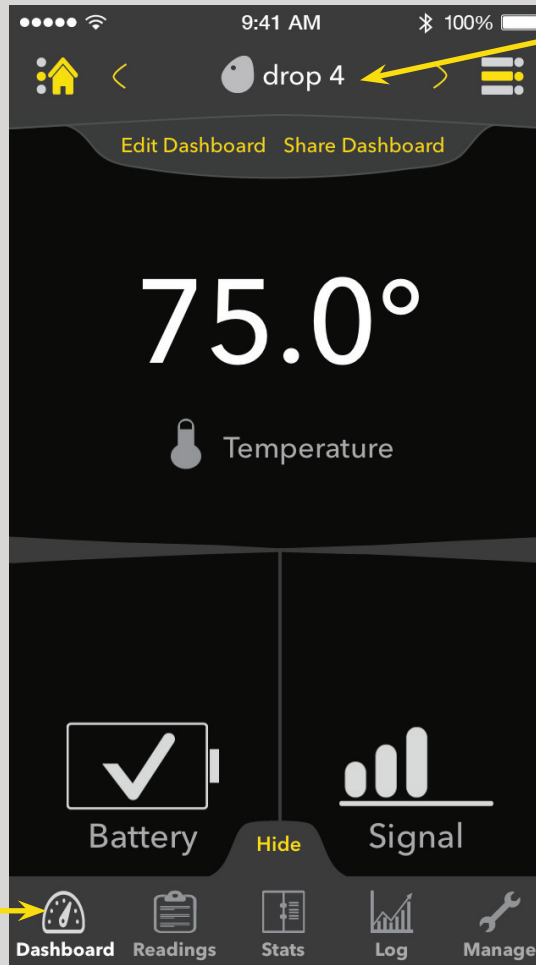
The Edit Dashboard option allows the user to replace the current measurements with new measurements and re-arrange measurements on the dashboard.

The Share Dashboard option allows the user to share the measurements of their dashboard and an image of the current screen through social media, email, and messaging.

The More tab allows the user to open the bottom navigation of the current device and switch between the pages of the device.

The dashboard is the main page for each device. Here the user can view their own selection of 3 different measurements.

Bottom Navigation

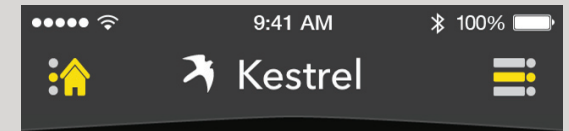


Dashboard (pages 7-11)
Readings (page 11)
Stats (pages 12-14)
Log (page 15)
Manage (pages 16-20)

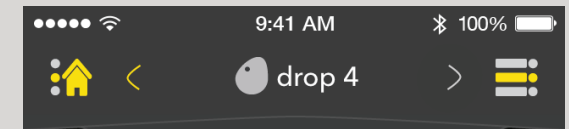
Activating the More tab at the bottom of the dashboard slides up navigation for the device currently being viewed. It allows the user to move through the content for their device. This tab can be hidden at any time by selecting Hide to bring it to its original hidden state.

Arrows are active when additional products are connected demonstrating the ability to swipe on the device name to switch between devices.

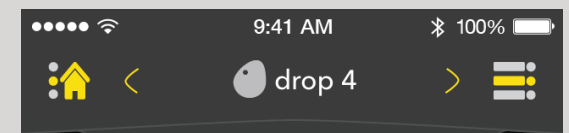
Other States



No devices, or no other devices connected.

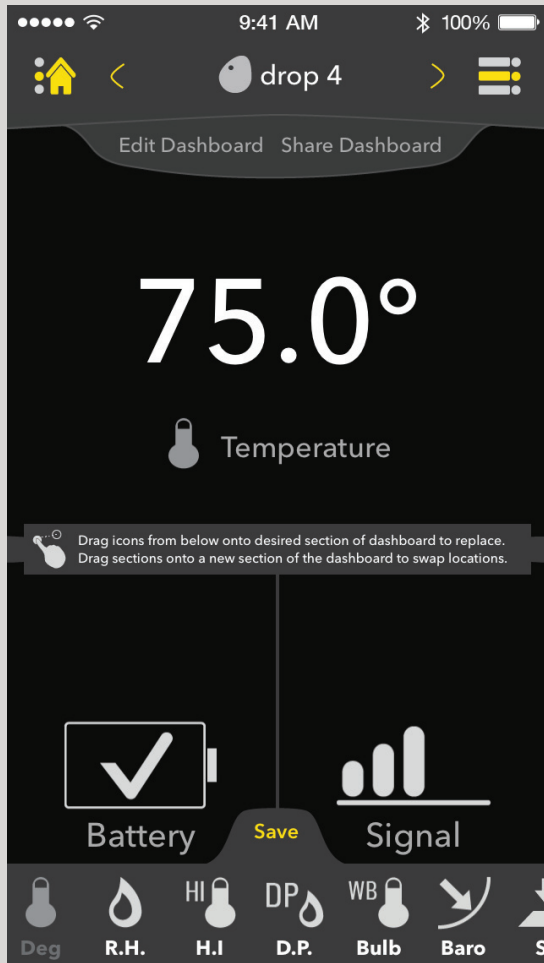


Other devices connected, swipe to the right, to reveal the device to the left.



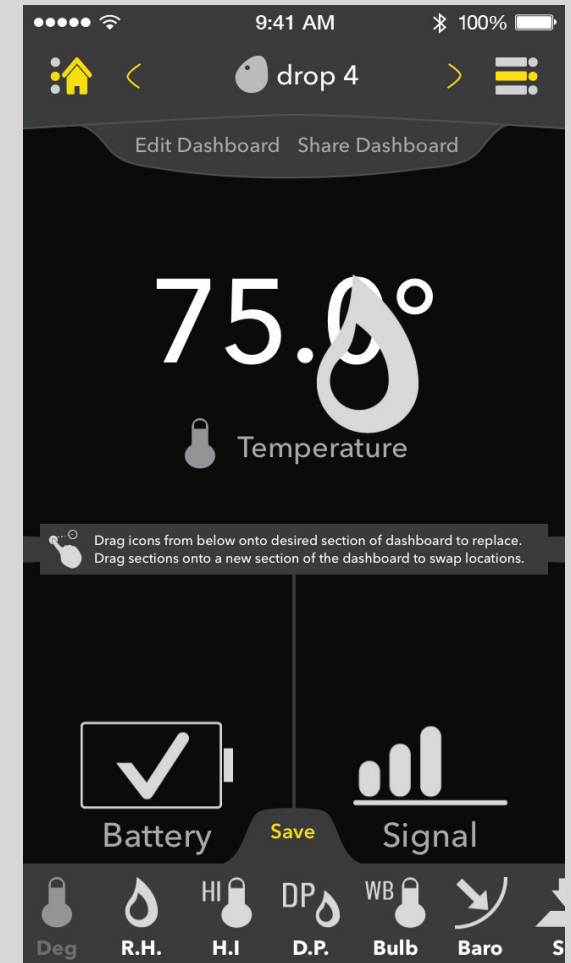
Other devices connected, swipe left or right to reveal other connected devices

Edit Dashboard



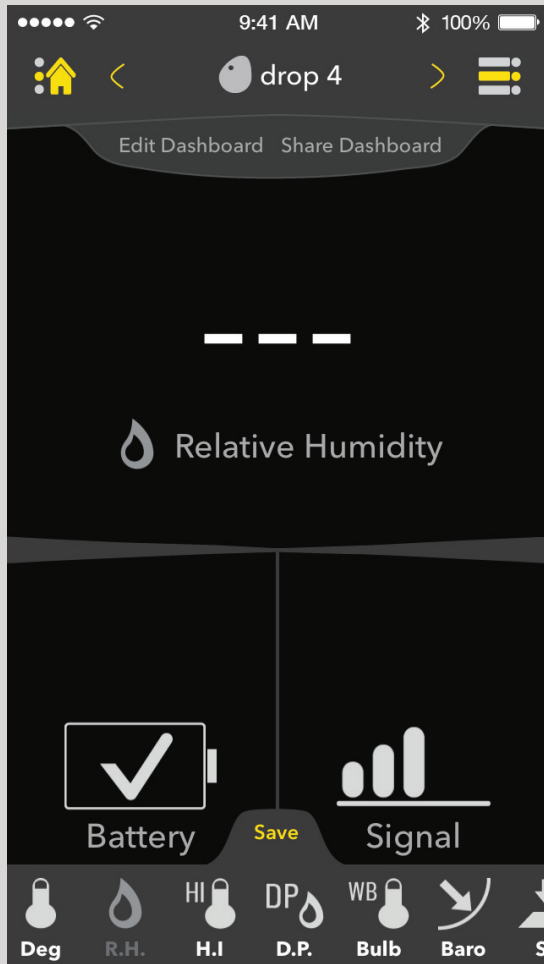
Once Edit Dashboard has been selected, the edit menu appears at the bottom of the screen displaying the different measurements available for the device currently being viewed.

Edit Dashboard - Drag



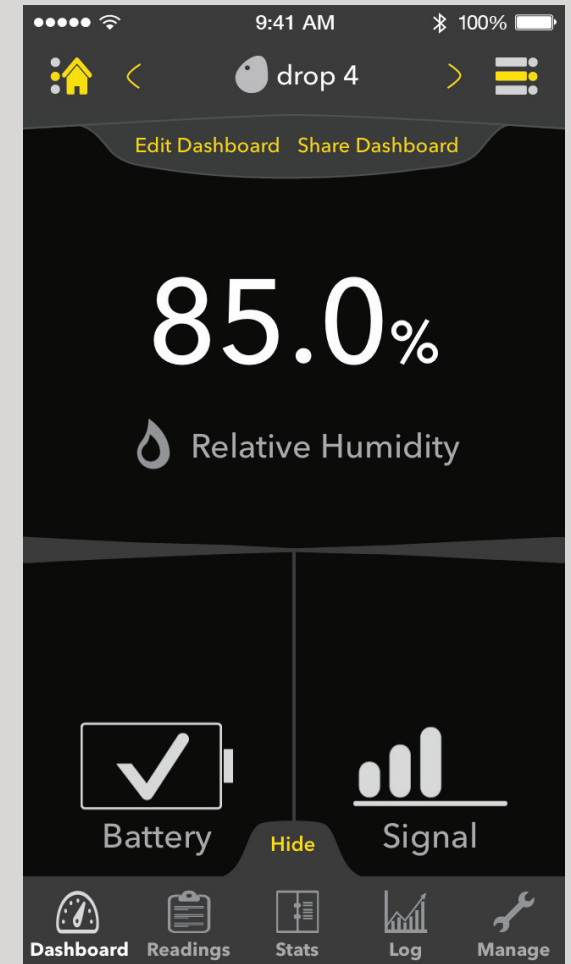
When the user drags the icon to a section of the dashboard, a large icon will follow the dragging motion. Measurements can also be switched from panel to panel within the edit screen by dragging one measurement from one panel to the other desired panel.

Edit Dashboard - Drop



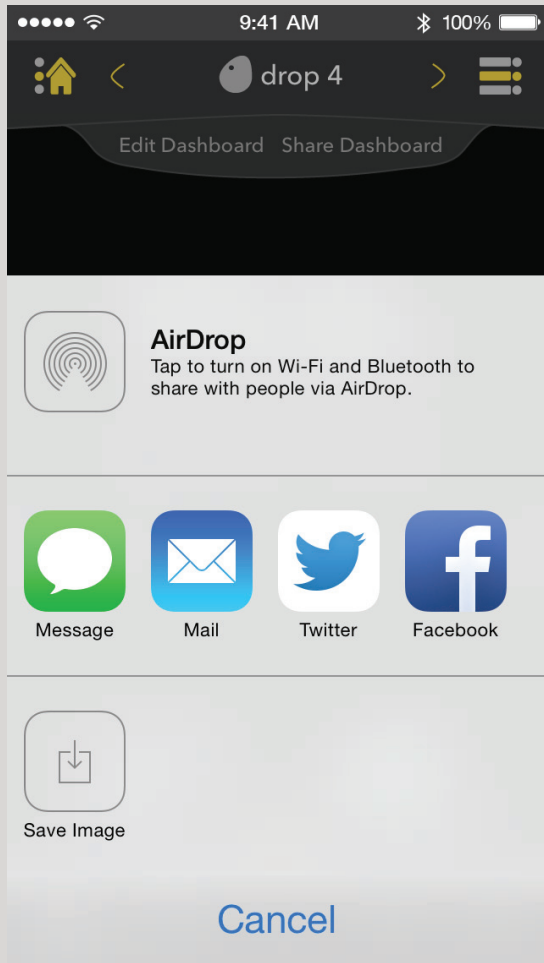
When the user releases over the desired location, the panel is switched with the new measurement. It is not activated until the save button is pressed.

Edit Dashboard - Save



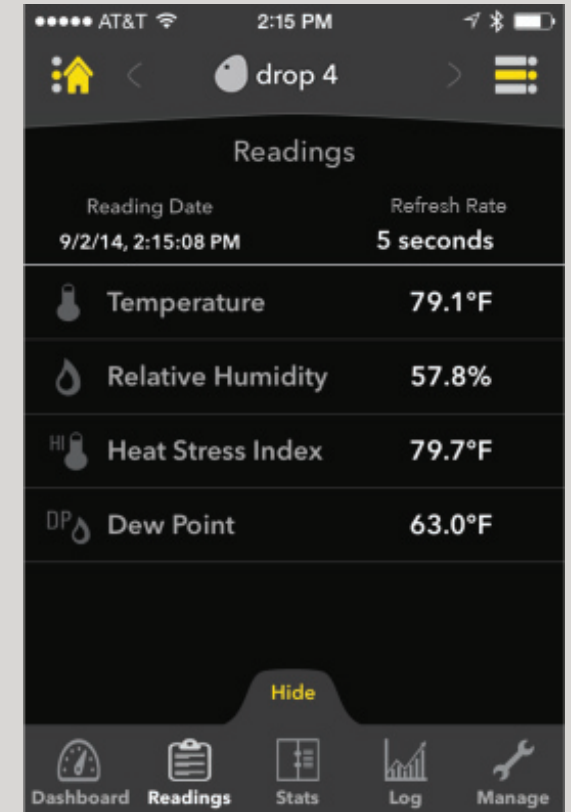
Once the user has pressed save, the new panel or panels will become active and the Edit Dashboard menu will hide again.

Share Dashboard



When sharing the dashboard, iOS takes the user through their standard share process. This display would be different across different versions of iOS.

Readings



The Readings page allows the user to view all of their measurements from the given device in a listed format.

Stats

Users click this to export the data provided below

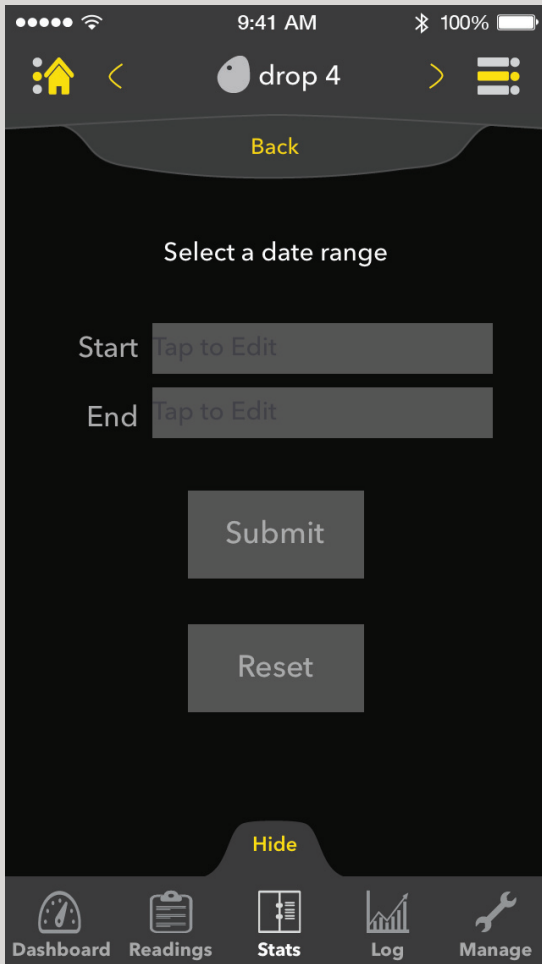
If the user would like to adjust the range of data throughout all the readings, they can click here to adjust the range.

If the user would like to view a detailed view of a specific measurement, selecting the arrow next to the measurement brings them to it. (page 12)

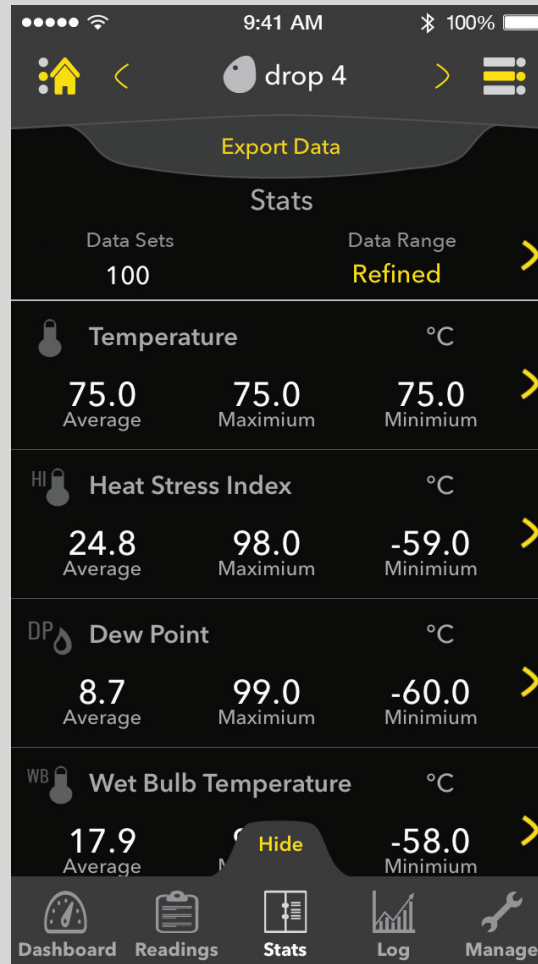
Metric	Average	Maximum	Minimum
Temperature (°C)	75.0	75.0	75.0
Heat Stress Index (°C)	16.7	99.0	-60.0
Dew Point (°C)	12.2	99.0	-60.0
Wet Bulb Temperature (°C)	24.5	-60.0	-60.0

The Stats page allows the user to view all of their measurements' averages as well as maximum and minimum readings.

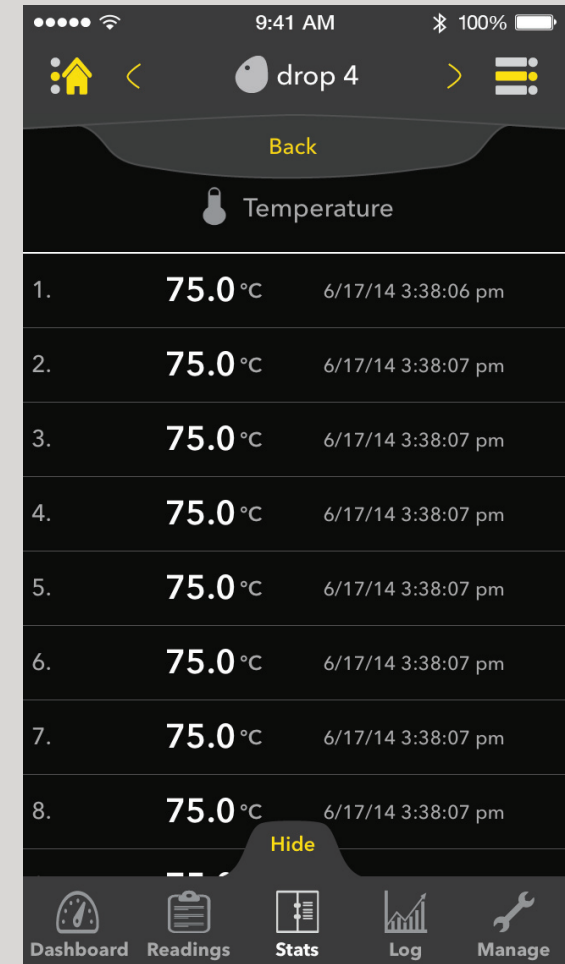
Stats - Readings Range



Stats - Range Refined



Stats - Temperature

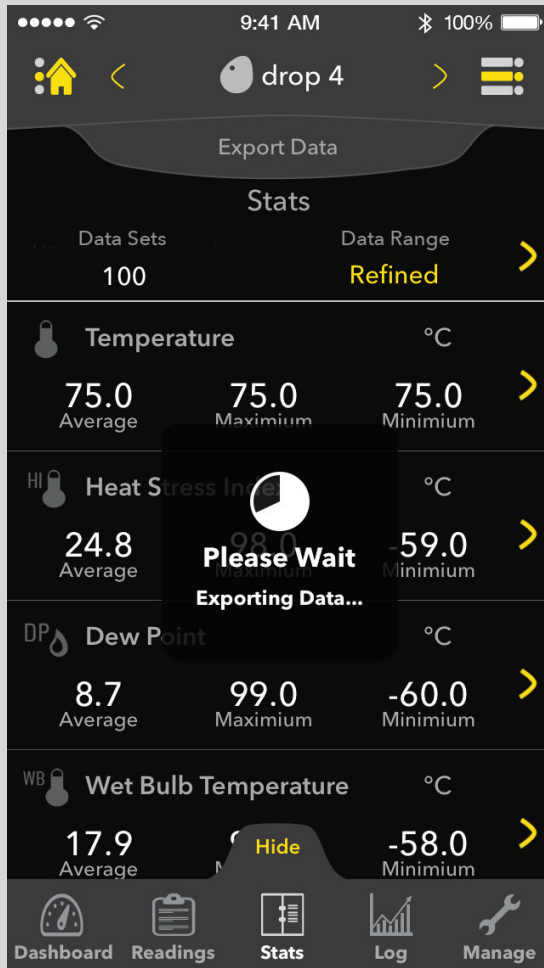


In the Stats page there is an option to adjust the readings date range. This will restrict the readings of all the measurements to a specific range in date and time so the user can more accurately view the information.

Once the user has submitted their desired range, they are brought to the stats page again, now showing that the reading range is defined as Refined.

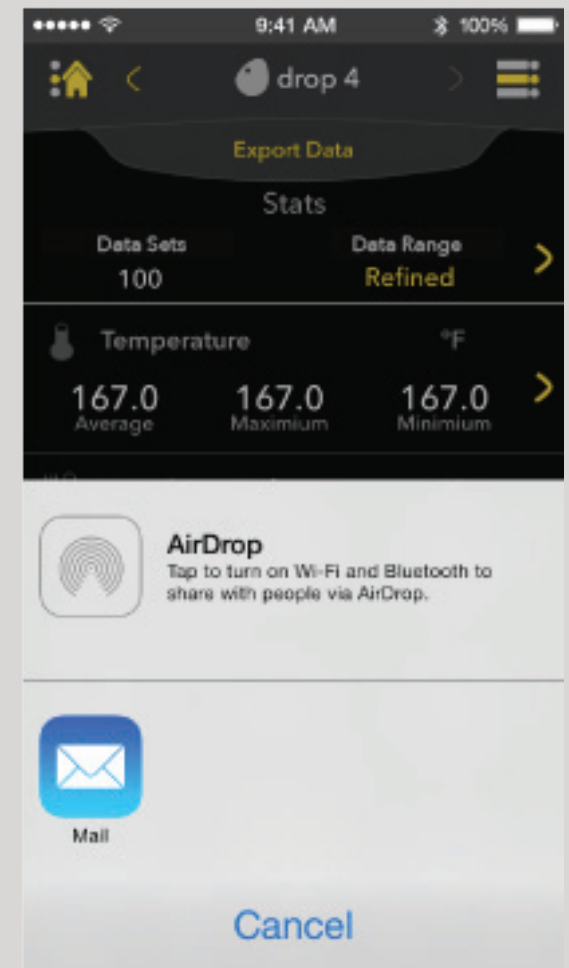
Upon entering the individual measurements such as Temperature in this image, a complete list of all readings of that type are shown.

Stats - Exporting



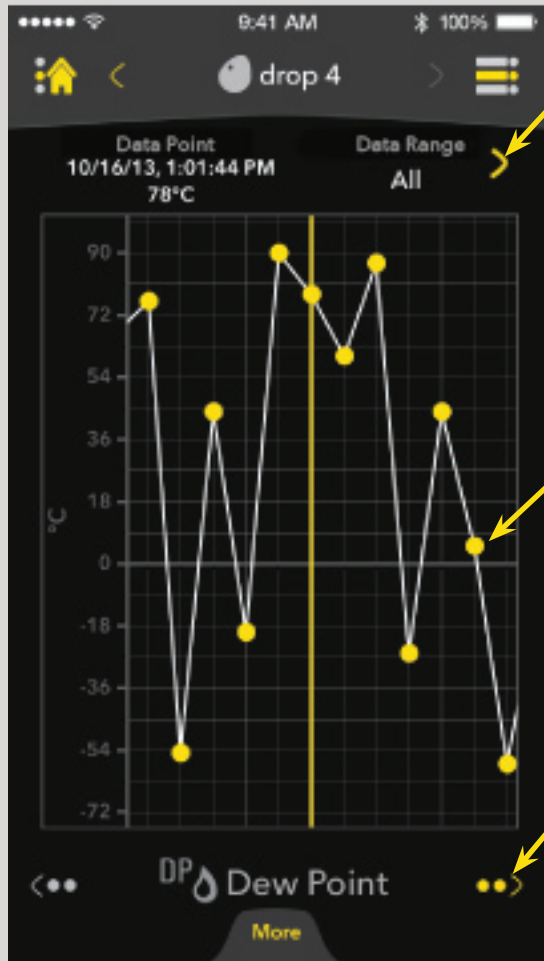
If the user decides to export their data, the load screen appears while the app collects all the necessary information to be exported.

Stats - Sharing



The user is then prompted to choose how they would like to export their data, and where they would like to share it to.

Log



As with the Stats page, the Log page has the same functionality for setting a data range. (Stats - Data Range, Page 13)

Each reading is marked with a yellow dot which can be scrolled to for more precise information located on top of the graph labeled "Data Point".

To easily switch between viewing different measurements on the graph select either icon at the bottom, or simply swipe the measurement title.

Within the Log page the user is given a graphical display of the devices stored data.

Log - Scrolling

When searching through data points, there can be an overwhelming amount of points to go through. Because of this, two types of scrolling were developed to help ease the process of finding information faster.

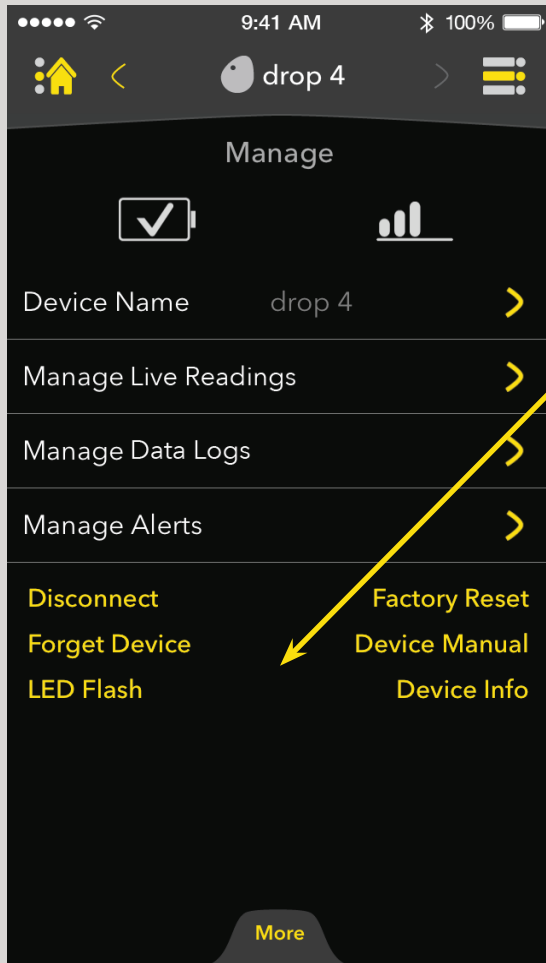
Flick to Scroll

Flick left or right to scroll through a portion of the data points and locking onto the nearest point.

Tap & Hold to Scroll

Tap and hold on the graph to reveal an indicator at the top of the graph that shows the user where they are in the log while scrolling through a large amount of data points

Manage



Disconnect: Removes active connection between the app and device

Forget Device: Disconnects the current device and forgets the devices settings and content

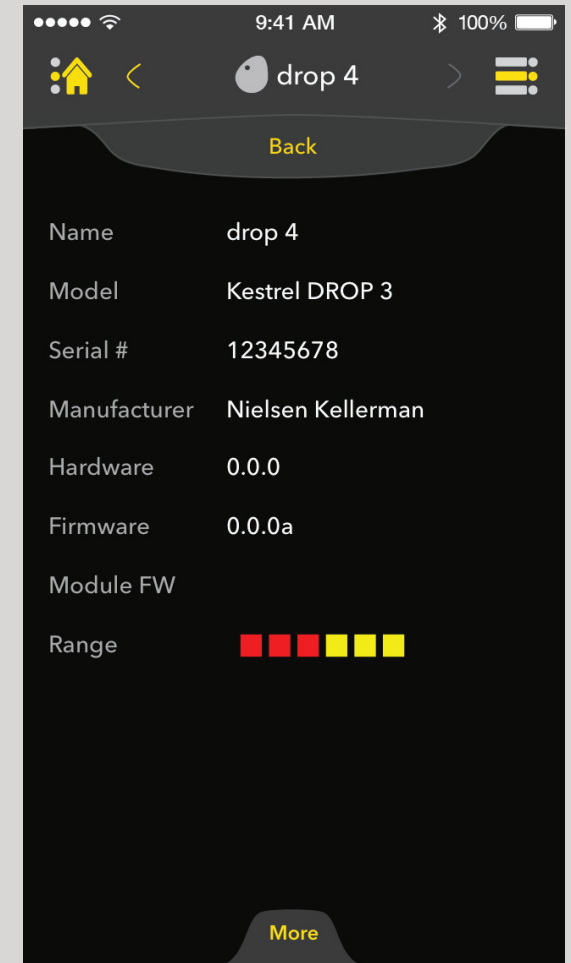
LED Flash: Sends a signal to the device to flash its LED so the user can find it

Factory Reset: Restores the device to its default settings

Device Manual: Provides user with the manual for the current device

Device Info: Provides the user with a detailed look at the device's technical information

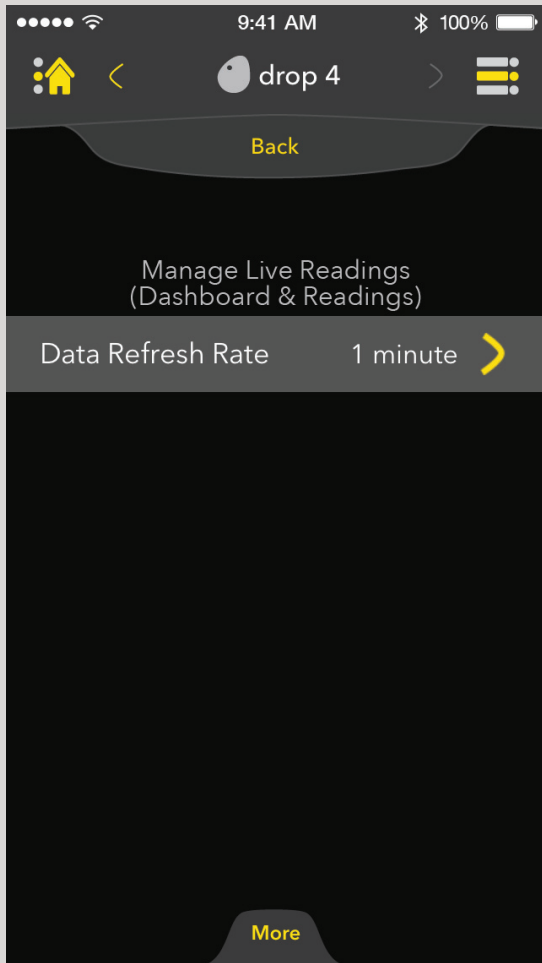
Manage - Device Info



Within the Device Info option the user can view the device's model number, serial number, manufacturer, hardware version, firmware version as well as the range when connected.

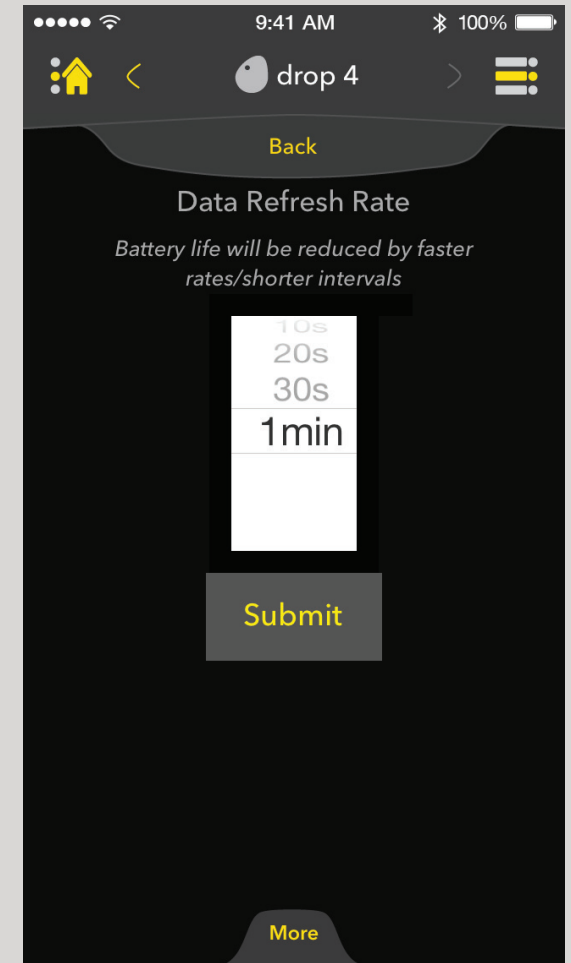
The Manage page provides the user with the ability to change some of the basic features of the device. It also provides some detailed information about the device and offers updates when they are available.

Manage Live Readings



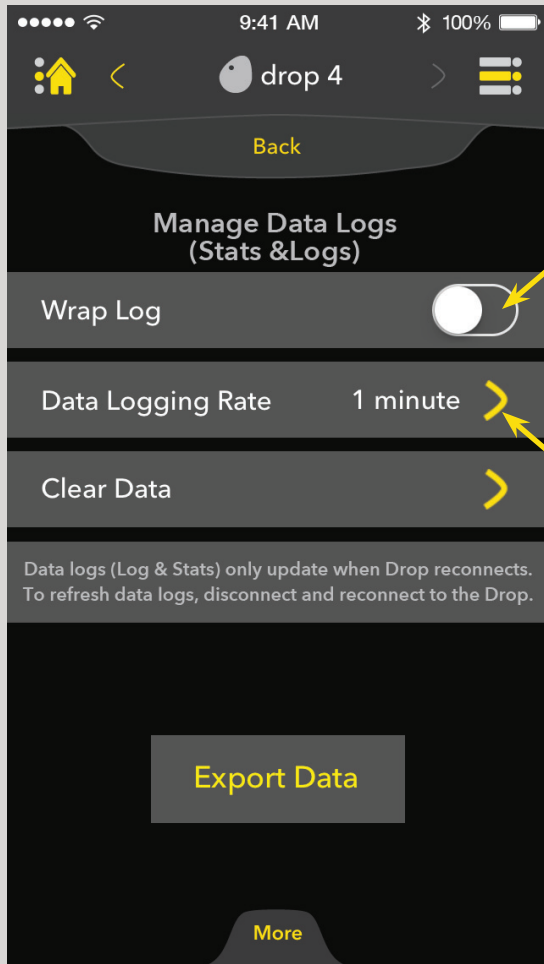
From the Manage page, Manage Live Readings allows the user to adjust the transmission rate of the device.

Data Refresh Rate



Data Refresh Rate can be altered by using the scroll wheel to adjust the rate and then clicking submit to confirm the change.

Manage Data Logs

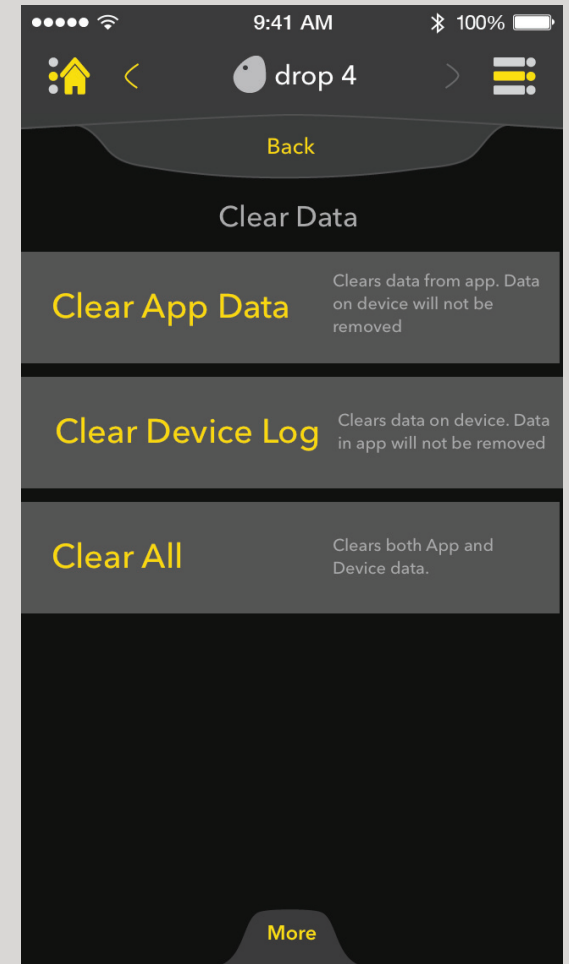


Wrap log is an overwrite feature that will discard the oldest data point to capture new data when the log becomes full.

The data log interval can be changed using the scroll wheel and clicking submit to save the changes

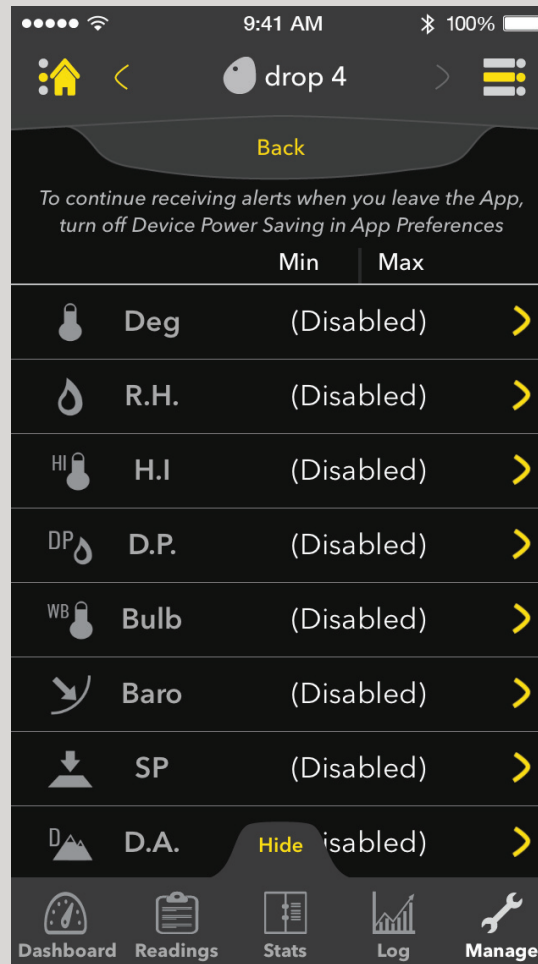
Within Manage Data Logs the user has the ability to wrap their log, adjust their logging rate, and clear their data.

Logging - Clear Data



In the Clear Data menu the user can choose between three options which are briefly explained to the right of the options.

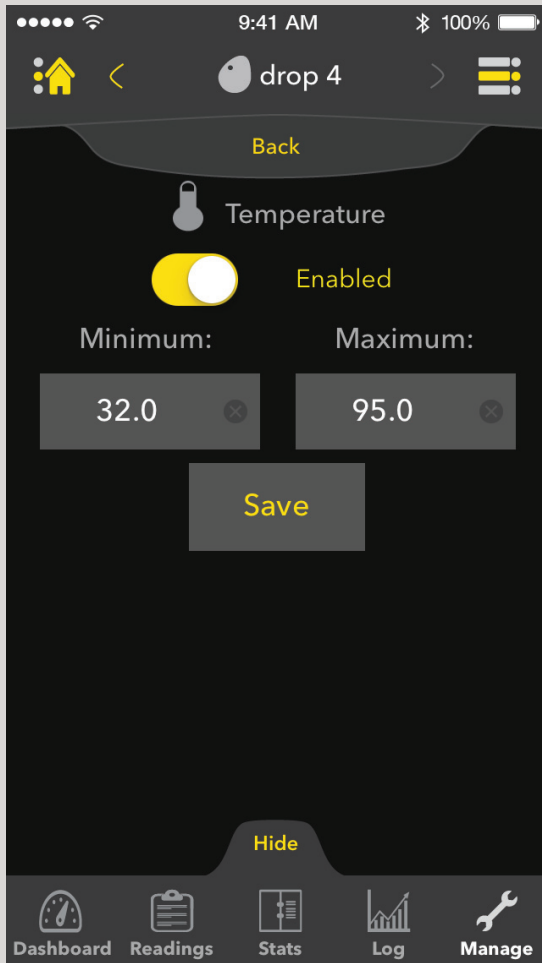
Manage Alerts



By choosing the arrow next to a specific measurement you enter the settings of that specific alert (Page 20).

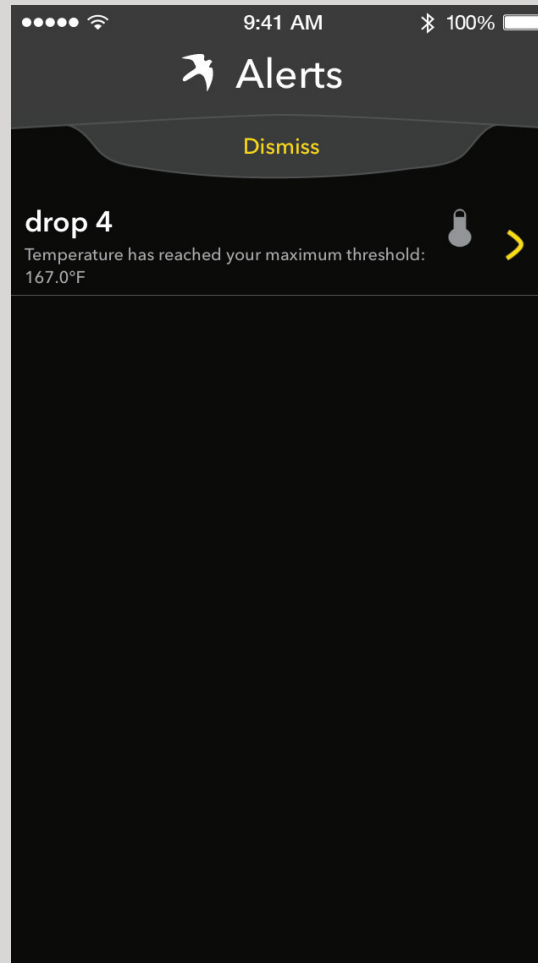
The Kestrel app allows the user to be alerted when specific measurements reach a maximum or minimum point. The Alerts settings allow the user to manage those alerts.

Alerts - Manage Range



The user can also choose to go into each measurement category and turn them on individually. The minimum and maximum settings for these alerts are also available upon entering the specific measurement.

Alerts - In-App Live Alert

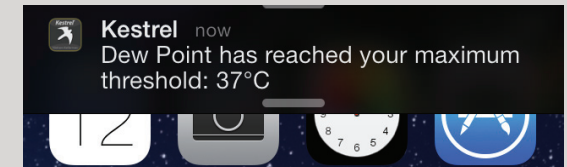


When a measurement has fallen or risen above or below the range, a live alert screen pops up to inform the user.

Alerts - Background Alerts

While out of the app the user still receives alerts if they choose to through Apple's notification center settings. The two options iOS offers are:

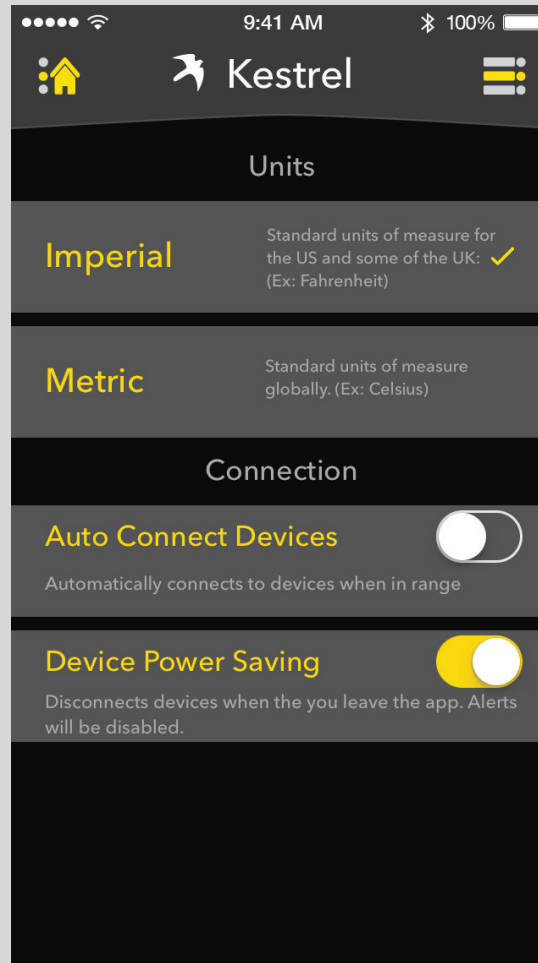
Banner



Alert



App Preferences



Allows the user to control the units of measurement the app will use and adjust how devices connect.