

Odyssey Xtract User Guide

Quick Start Guide

- 1. Install and open the Xtract App
- 2. Enter Username and Password in Settings Menu
- 3. Press SERVER SYNC

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Hardware Required

1. Android V6.0 (minimum)
2. Bluetooth LE 4.0

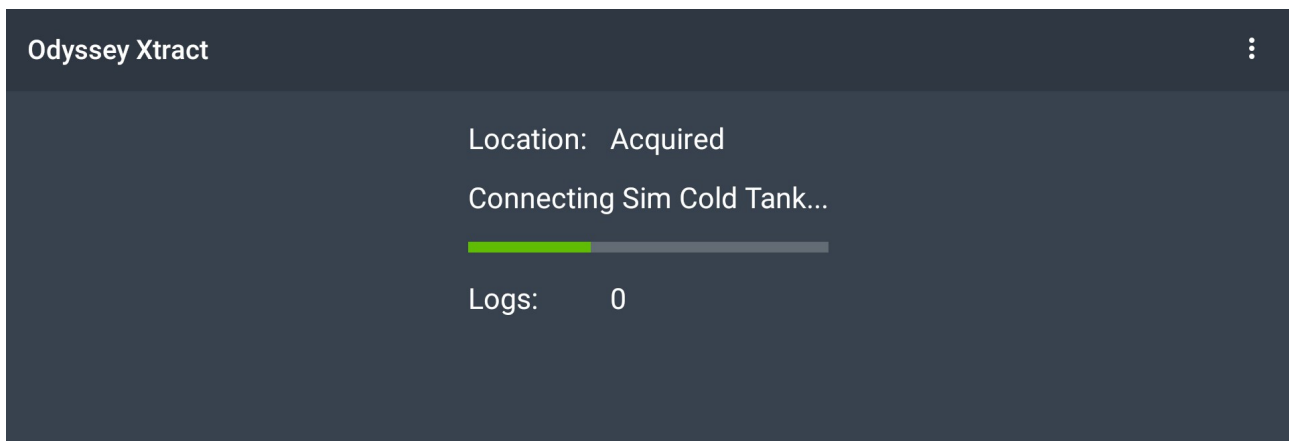
Note: Although any tablet that meets these requirements should work, if using the tablet/smart phone for analysing data using the Xpert Web Portal we recommend using the best tablet/smart phone possible with Android V8 or later, as displaying charts can use a lot of resources.

Initial Requirements.

- Download the Odyssey Xtract App, from Google Play or our website, onto your Smart Phone or Tablet.
- Enable Bluetooth and Wifi.
- Enable Location services.

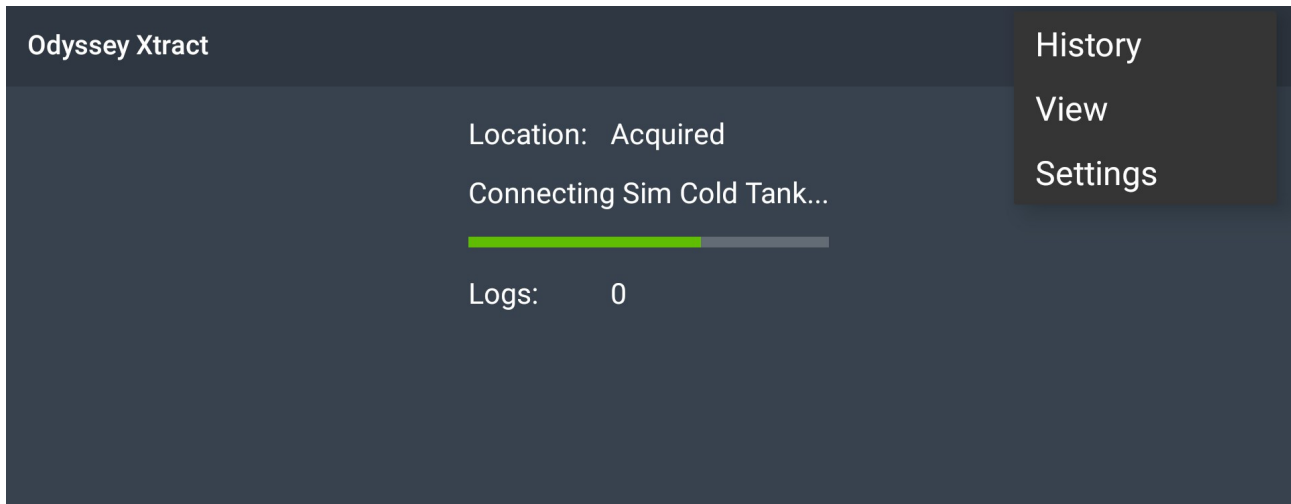
Using the Xtract App.

- Open the Xtract App and login using the username and password provided by Dataflow System. Figure below shows the main screen for the application.
- Press the Menu icon (three vertical dots) on top right of the screen

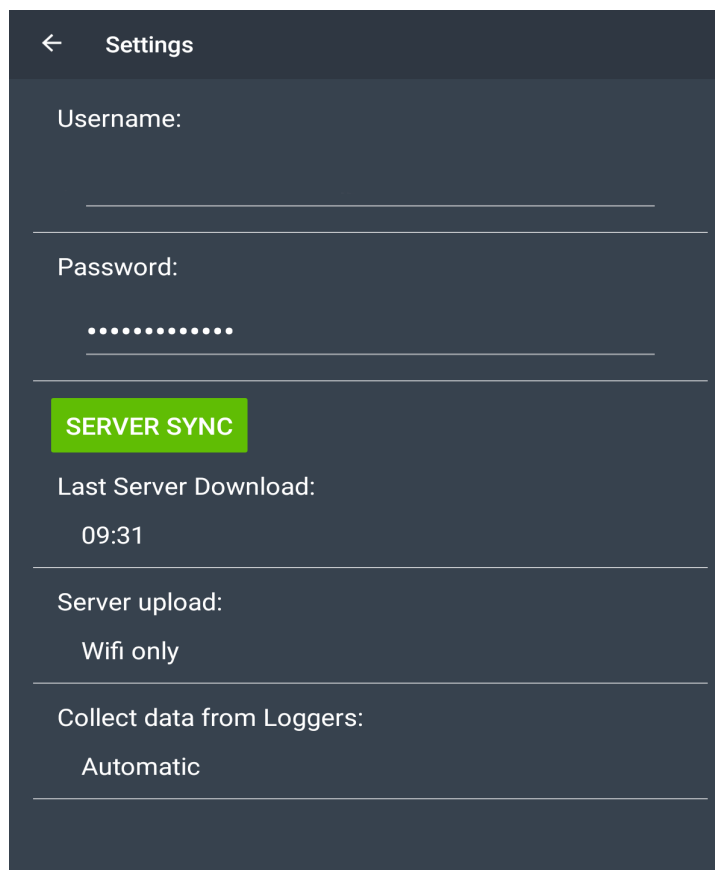


Settings Screen

- Select Settings from the menu. If there is no username then the app will go to the settings menu automatically.



- Enter your supplied username and password.



- Press the SERVER SYNC button to synchronise the settings for the Xtream loggers with the Xtract application. The Last Server Download time will change from Never to the current time once the settings have been loaded to the tablet. This may take 10 to 20s.

Once the initial sync is complete the Xtract application will keep it updated by polling the server every 10 minutes. At anytime a sync can be forced just by pressing the button.

Note: You can view your registered loggers in the history tab.

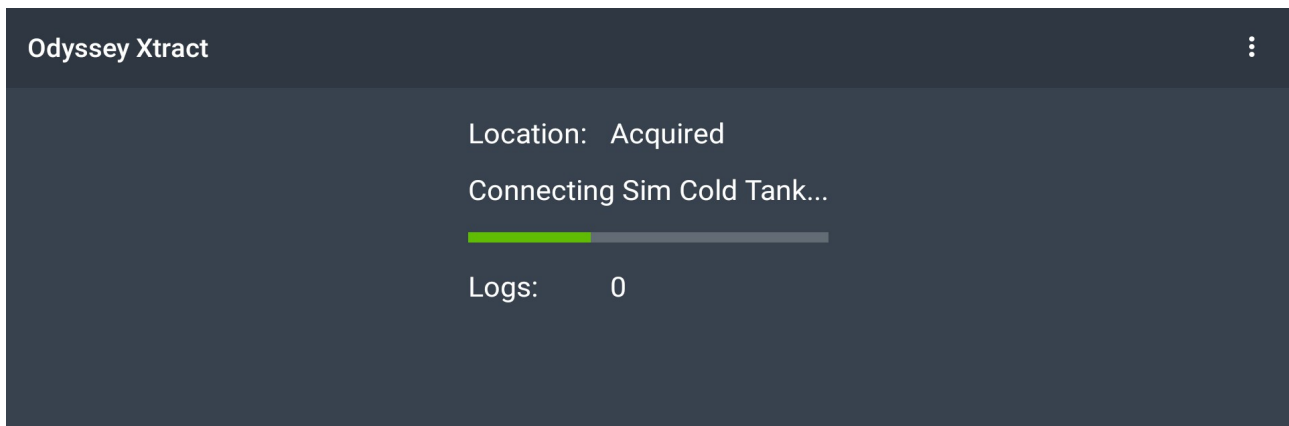
If the word Never does not change, check that the username and password are entered correctly and that the tablet/smart phone has an internet connection.

The Setting screen shows:

Username:	Login Username.
Password:	Login Password.
Last Server Download:	Shows the time when the App last synced its settings with the server.
Server Sync:	Tests the connection to the server. This also connects the Xtract App to the Xpert Web Application.
Server Upload:	Wifi Only: App will only upload to the server when connected to a Wifi signal. Cellular Data and Wifi: App will upload to the server by either cellular data or available Wifi.
Collect data from loggers:	Automatic: App will automatically collect data from any registered logger when it is within range. Never: App will not collect data from any loggers.

Odyssey Xtract Main Screen

The Xtract App will automatically scan for, connect to and download the data to the tablet / smart phone for any registered loggers within range. All data will be automatically uploaded to the server once an internet connection is available.



The Main screen shows:

GPS: Ok	The location of the tablet/smart phone has been identified by GPS.
Scanning:	Scans for registered loggers.
Connecting:	Connecting to a registered logger.
Downloading:	Downloading the data from the logger to the tablet/smart phone.
Logs:	Indicates the number of unique loggers that have stored data, on this tablet/smart phone, waiting to be uploaded to the server.

Once the App has connected to a registered logger it will automatically download the logger's data and store it for upload to the server. If a new Settings version is available or a new Firmware version is available the Xtract app will automatically apply the update once connected to the logger.

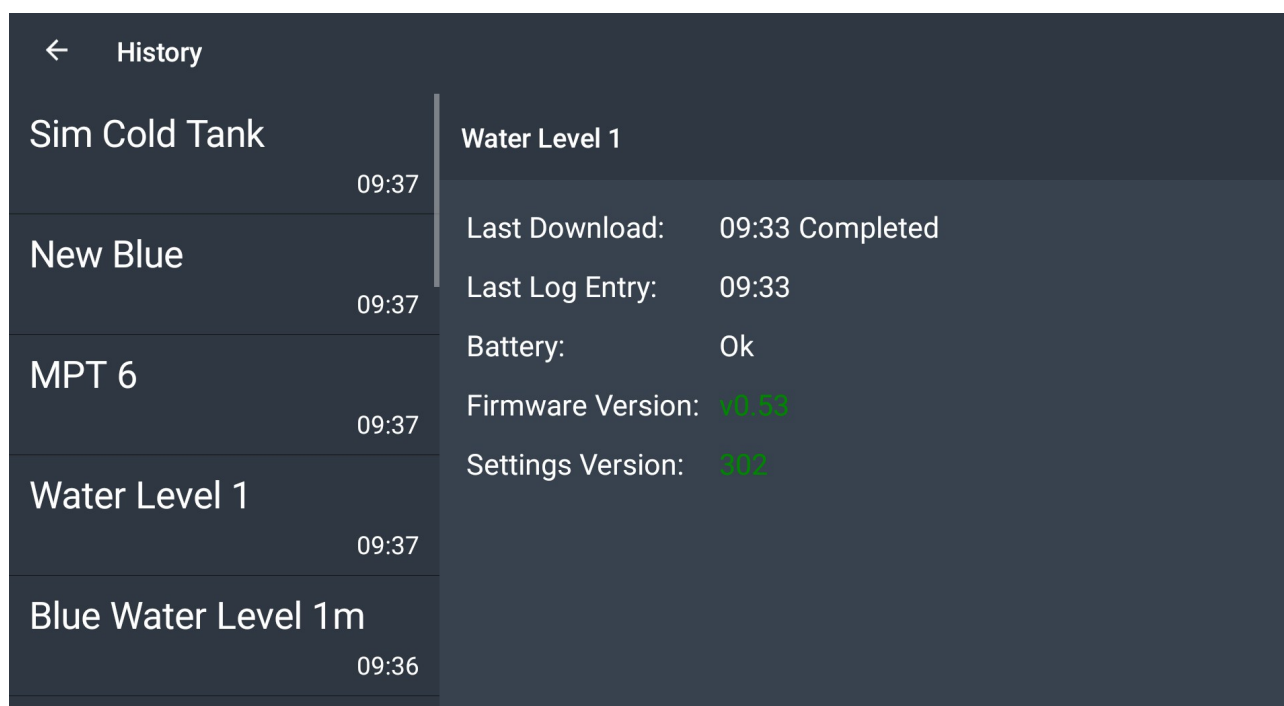
Device, Last Logger Entry and Battery life are briefly shown during each new download.

History Screen

- Select History from the Menu.

The History screen shows a list, on the left hand side, of all your registered Xtrem Loggers and the last time they were seen.

Select a logger from the scroll list to view its recent history.



The History screen shows:

Last Downloaded:	This displays the last time the logger data was downloaded and its result.
Last Log Entry:	This is the last time the last log entry was downloaded from the logger.
Battery:	The battery status.
Firmware Version:	The current firmware version in the logger. If a new version is available, the version will be displayed in red along with the new version number.
Settings Version:	The current settings version in the logger. If a new version is available, the version will be displayed in red along with the new version number.

Once an Xtream logger has been connected in view mode, the history will also include the last data received from the logger.

← History	
Sim Cold Tank	New Blue
09:37	
New Blue	Last Download: 09:36 Completed
09:37	Last Log Entry: 09:36
MPT 6	Battery: Ok
09:37	Firmware Version: v0.53
Water Level 1	Settings Version: 325
09:37	Rssi -70 dBm
Blue Water Level 1m	Water Level 4304.5mm 17.01°C
09:36	Restarts 627

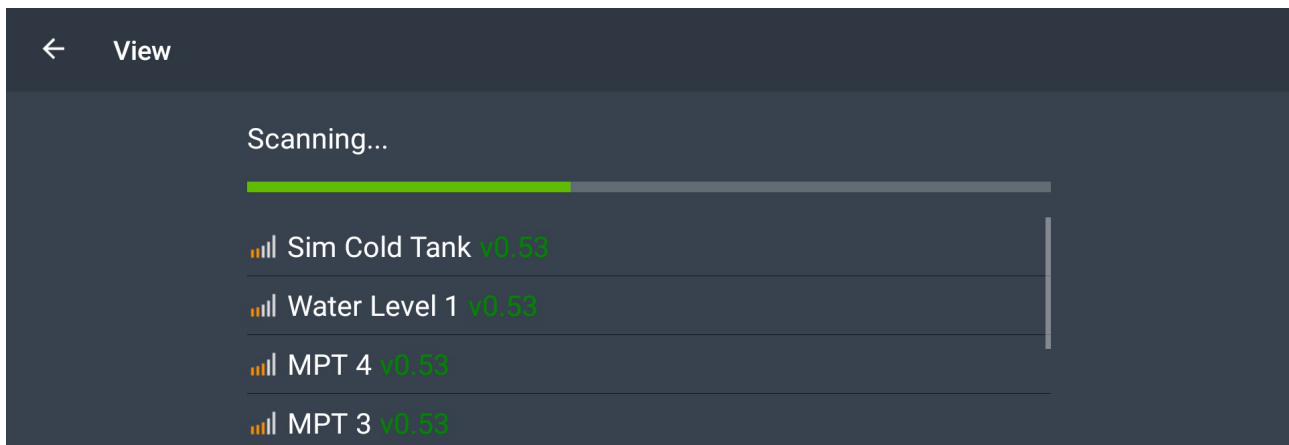
The screen above shows the last data collected for a Xtream Water Level logger.

View Screen

While scanning, the screen shows a scrollable list of Xtream loggers within range. Once a logger is selected it shows the current data from the logger, which updates every 10s.

- From the Menu select the View option.

The Xtract App will scan for any loggers that are within range. Select a logger to connect to and View its current data.

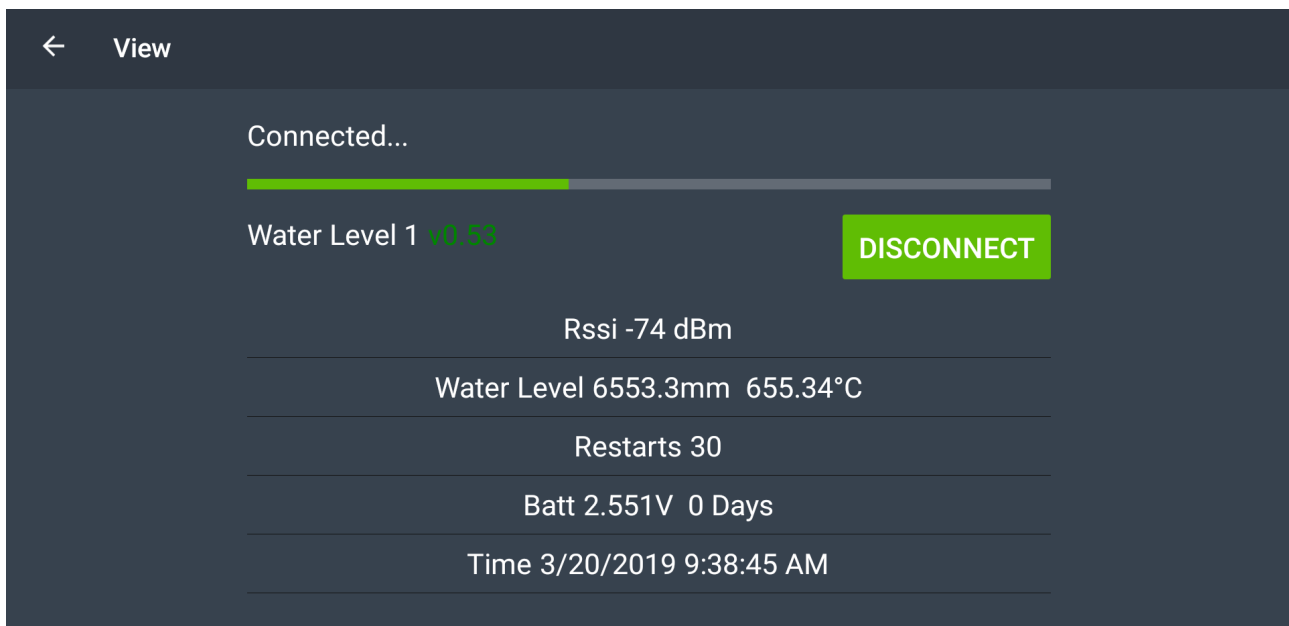


The View screen shows:

Scanning:	The connection status, scanning, connecting, connected, disconnected.
Signal Strength:	This is the signal strength of the logger. A logger that is very close will be in green.
Name:	This is the Name given to the logger.
Firmware Version:	The current firmware version in the logger. If a new version is available, the version number will be displayed in red.

- From the list of logger names select a logger to view its data.

The Xtract application will attempt to connect to the logger and once connected it will collect its data every 10s and display it as follows.



This View screen shows:

Time:	Current time in the logger.
Batt:	How many days of battery life the logger has left and the battery voltage.
Rssi:	Bluetooth Radio Signal Strength.
Restarts:	How many times the logger has restarted.
Logger temperature:	The ambient temperature as measured inside the logger.
Data Reading:	Shown above is a water level logger, however each logger type will show all its readings in this scrollable box.

- Press Disconnect to view another logger

There may also be another button, Firmware Update. Press this button to force a firmware update to occur immediately. This can take several minutes. Once pressed return to the Main Screen to wait for the firmware update process to complete.