HOBOware® Features
Logger Support

Features	Description	HOBOware®	HOBOware® Pro
Support for HOBO U-Series Loggers	Launch, Readout, Status, Export, etc…	✓	✓
Support for HOBO U30, H22 & H21	Launch, Readout, Status, Export, etc…	✓	✓
Support for HOBO Conductivity, Dissolved Oxygen & Water Level Loggers	Launch, Readout, Status, Export, **Data Assistants** etc…	✗	✓
Configure HOBO FlexSmart modules	Configure Modules for H22 Energy Logger or U30 Station	✓	✓
Support for HOBO U-Shuttle and HOBO Waterproof Shuttle	Offload & Relaunch supported loggers	✗	✓
File support for HOBO H-Series Loggers	Open a .DTF BoxCar file	✓	✓
Multi-Language Support	English, Spanish, French, German, Portuguese	✓	✓
Firmware Upgrade Tool	Upgrade UX Series Firmware	✓	✓
Support for ZW data nodes	HOBOnode Manager	✗	✓

HOBOware® Features
Launch, Configure, Start

Features	Description	HOBOware®	HOBOware® Pro
Launch supported loggers	To set up a logger to record data, you must specify several parameters and launch, or start, the logger.	✓	✓
Launch time-saving options	This is particularly useful if you want to launch many loggers quickly without changing any settings.	✗	✓
Check Logger Status and view current readings	The Status window displays the current status of the logger	✓	✓
Filters to extract key series information at Launch	As part of the launch setup, you can create a filtered series that automatically calculates additional values, such as maximum, minimum, average, or total, for a set interval upon readout of the logger. This saves you the time of manually filtering data for each series after readout.	✓	✓
Linear Scaling at Launch	Linear scaling allows you to convert raw logger data to measurement units from the Launch Screen	✓	✓
Pulse Scaling at Launch	Pulse scaling allows you to convert data recorded from a third-party pulse output sensor to the actual measurement units from the Launch Screen	✓	✓

HOBOware® Features
Readout, Export & Import

Features	Description	HOBOware®	HOBOware® Pro
Readout and open-file time-saving options	This feature allows you to skip a number of default actions when reading out a logger (such as being prompted to saving or the Plot Setup window).	❌	✔
Save (Project) Changes	A project file (.hproj) is a plot that you have customized using the various features and tools of HOBOware®. When you open a project file, the plot appears as it did when you saved the project file, and contains all of the same data	✔	✔
Export Preferences	Easily Customize you Date and Time format, File Type and other format options	✔	✔
Export to directly to a .CSV, .TXT or .XLS (Excel) format	Export Dataset to a CSV, TXT or XLS file	✔	✔
Bulk Export Tool	This tool is particularly helpful when you need to export multiple files at once	❌	✔
Import Text Data	All one to import and graph non-HOBOware® data in certain text files	❌	✔
Copy Graph to Clipboard	This features allows you to copy your graph so it can be used in other programs such a Power Point or Word for presentations.	✔	✔

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HOBOware® Features
Graphing Analysis

Features	Description	HOBOware®	HOBOware® Pro
Graphing	Easily display the recorded data series in a Plot	✓	✓
Setting Properties	This allow you to set your Preference for Series, Axis & Plots.	✓	✓
Graph Labels	You can add multiple labels to a graph to identify specific points or call attention to a region of the graph	✓	✓
Zooming, Panning, and Smart Scaling Plots	You can adjust the viewing area of the plot by zooming, panning, and smart scaling	✓	✓
Pie Charts	Pie charts for UX90s with state series that you can view, print, and save as .png files for additional analysis beyond line graphs.	✗	✓
Copy a Series	This allows you to Copy a series from one plot to another. This also allows you to combine synchronous and asynchronous data sets.	✓	✓
Overlaying a series	This allows you to compare data with different time axis	✓	✓
Cropping a series	This feature allows you to remove data from a series by changing the time frame. You can crop one or multiple series in a plot	✗	✓

HOBOware® Features
Graphing Analysis

Features	Description	HOBOware®	HOBOware® Pro
Merging data files	This feature allows you to combine multiple datafiles from a deployment into one file. Note that only series of the same type and name can be merged and there cannot be an overlap in the time in the series	✔	✔
Filters to extract key series information	A filter allows you to calculate additional values, such as maximum, minimum, average, or total, over a time frame. For example, one can calculate the Total On Time per Hour or Day.	✔	✔
Subset Statistics Tool	The Subset Statistics feature allows you to select a range of data in a graph, and display the maximum, minimum, average and standard deviation for the measurements in that range	✖	✔
21 CFR Part 11 Compliance	This document explains Onset's position on 21 CFR	✖	✔

HOBOware® Features
Data Assistants

Features	Description	HOBOware®	HOBOware® Pro
Dissolved Oxygen Data Assistant	This corrects for measurement drift from fouling and provides salinity-adjusted DO concentration as well as percent saturation data	✘	✔
Conductivity Data Assistant	This provides easy conversion to specific conductance and salinity and enables start/end-point calibration to compensate for any fouling	✘	✔
Growing Degree Days Data Assistant	Growing Degree Days is a measurement of growth potential given historical temperature data. It can be a measure of crop or pest maturity, given the input parameters	✘	✔
Grains Per Pound Data Assistant	Also known as Humidity Ratio or Mixing Ratio, Grains Per Pound is a measure of the mass in grains of H2O in otherwise dry air	✘	✔
Barometric Compensation Data Assistant	The Barometric Compensation Assistant compensates water level measurements for barometric pressure using HOBOware® or text barometric files	✘	✔
Linear Scaling Data Assistant	Linear scaling allows you to convert raw logger data to measurement units	✔	✔
Pulse Scaling Data Assistant	Pulse scaling allows you to convert data recorded from a third-party pulse output sensor to the actual measurement units	✔	✔
kWh Assistant	The kWh Assistant converts logged pulse to kWh, average kW, and energy cost with WattNode, Veris, or other energy transducers	✘	✔