

HOBOWare Pro is Onset's flagship graphing and analysis software package for HOBO data loggers. It allows you to view, graph and analyze data with point-and-click simplicity. You can easily set up your application in a matter of minutes, quickly read out and plot data, and export to spreadsheets for further analysis.

**Key Advantages:**

- Powerful graphing and analysis capabilities
- Enhanced plotting preferences- font, line style, y-axis scaling, and saving settings
- Time-saving features automate launching and offloading multiple loggers
- Presentation quality graphs
- Easy file management
- Advanced data delivery options via FTP, email

**HOBOWare Pro Software**  
BHW-PRO-CD

 **HOBOWare Pro**  
30-Day FREE TRIAL  
[Visit onsetcomp.com for details](http://www.onsetcomp.com)



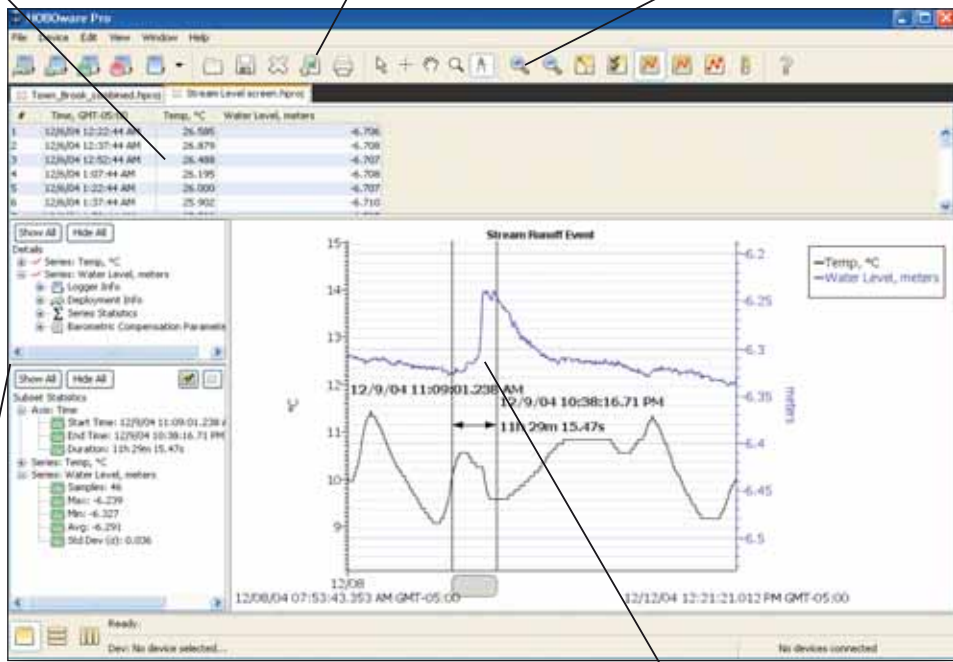
Logged data can be presented in tabular format, in addition to graphs.



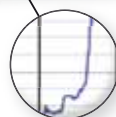
Data can be easily exported to spreadsheets within a few clicks.



Zoom tool lets you focus in on data of interest.



The Series Statistics pane includes the number of samples, average reading, and sample time.



Powerful analysis tools extract key information from logged data.

Software



**Easy Logger Setup and Readout**– HOBOWare Pro makes it fast and easy to set up HOBO data loggers for deployment, and readout the loggers after data has been collected. Settings are configured using simple, intuitive windows.

HOBOWare also offers a number of Time-Saving Options that allow you to launch and offload multiple data loggers quickly by bypassing a number of default setup actions. This is ideal for projects involving multiple deployments of the same logger type.



**Data assistants** – Data Assistants are tools to simplify data analysis specific to your application. Data Assistants are included with HOBOWare Pro, such as Conductivity, Barometric Compensation, Linear Scaling, Pulse Scaling, kWh Assistant, Growing Degree Days, and Grains Per Pound.



*Easy logger setup - select launch parameters and go!*



### HOBOnode Manager

*For use with HOBO ZW Series Data Nodes*

- Get real-time graphs of your building data
- Receive text messages or email when conditions exceed thresholds
- Map deployed data nodes throughout your facility
- One-click data export to spreadsheet programs

See page 19 for more details

Software

## Ordering Information

### Software

HOBOWare Pro Software (Windows/Mac)  
 USB Serial Adapter (for H Series)  
 Serial Interface Cable (for H Series)  
*HOBOWare includes USB interface cable.*

BHW-PRO-CD  
 ADAPT-SER-USB  
 CABLE-PC-3.5

*Onset also offers HOBOWare Lite which is an entry-level graphing and analysis package. See onsetcomp.com for more details.*

*HOBOWare software is available for download via the web. Visit onsetcomp.com for details.*

### HOBOWare Pro for Windows System Requirements

- PC: Windows 7 (Pro, Ultimate and Home Premium), Windows XP Pro, Windows XP Home, Vista Business, Vista Home Premium
- Sun Java Runtime Environment (JRE) 1.6.
- One of the following Internet browsers: Safari 4, Firefox 3 or greater, Microsoft Internet Explorer 8.0.
- Minimum screen resolution of 1024 x 768
- 1.8 GHz single core CPU, 1 GB RAM\*

### HOBOWare Pro Mac System Requirements

- Mac: OS X Versions 10.5.x and 10.6.x.
- Sun Java Runtime Environment (JRE) 1.6. Please note that version 1.6, also known as Java 6, is officially supported on OS X only on Intel Core 2 Duo processors
- One of the following Internet browsers: Safari 4, Firefox 3 or greater, Microsoft Internet Explorer 8.0.
- 1024 x 768 display resolution (minimum)
- 1.8 GHz single core CPU, 1 GB RAM\*

\* HOBOnode users require up to 2.9 GHz dual core and 3GB RAM. See onsetcomp.com for details.



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The Alarm & Readout Tool is a feature within HOBOWare Pro software. It automatically notifies you via cell phone text messages or email when temperature, humidity and other specified conditions exceed user-defined limits. It also enables you to automatically offload and store data from networked HOBO data loggers onto a centralized computer.

#### Key Advantages:

- Alarm notification via cell phone text message, pager or e-mail when conditions exceed user-defined limits
- User-defined delay filters out false alarms from momentary events
- Alarm notification when batteries or available memory get low, or when logger connection is broken
- Displays current logger readings

#### Logger Ethernet Communication Requirements

- **HOBO U10, U12, and U14 Loggers:** Each logger requires its own USB port on the computer.
- **HOBO U9 and U11 Loggers:** Same requirements as above, but alarms are not supported for Event or State inputs.
- **HOBO Energy Logger**  
Each logger requires its own serial port on the computer or can connect remotely through an Ethernet network using a Tibbo Serial-Ethernet Server (part #SERVER-DS203). Each logger requires its own Tibbo Server and serial interface cable (part #CABLE-PC-3.5).

#### Notification and Storage Requirements

To receive alarm notifications via cell phone, pager, or e-mail, you will need a continuous Internet connection with email or SMTP service to send notifications, and one or more of the following:

- Text-message-enabled cell phone (to receive cell phone notifications)
- Alphanumeric pager (to receive pager notifications)
- E-mail account (to receive e-mail notifications)
- Local storage or FTP site (to store readout data)

### Ordering Information

#### Software

HOBOWare Pro Software (Windows/Mac) BHW-PRO-CD

#### Optional Communications

Tibbo Serial-Ethernet Server SERVER-DS203  
USB Interface Cable CABLE-USBMB

*One required for each HOBO U-Series Logger*  
Serial Interface Cable CABLE-PC-3.5

*One required for each HOBO Energy Logger*  
USB Interface Cable ADAPT-SER-USB  
includes CABLE-PC-3.5

*Required for connecting the Micro Station to a computer USB port.*  
*HOBOWare includes USB interface cable*

**HOBOWare Software is available for download via the web. Visit [onsetcomp.com](http://onsetcomp.com) for details.**



HOBOLink is a powerful web-enabled software platform designed for HOBO U30 Remote Monitoring Systems (GSM/WiFi/ETH models). It allows you to easily access current and historical data, set alarm notifications and relay activations, and manage and control your HOBO U30.

**Key Advantages:**

- 24/7 web access to view your data and monitor U30 system status
- Set up and manage alarm notifications over the web
- Integrate data from HOBOLink into your applications in real time through "HOBOLink Web Services"
- Push data from HOBOLink to external dashboards and web portals, specific to your applications

**Security** HOBOLink provides you with password-protected accounts and a 128-bit encrypted connection. You can keep your data private or make it accessible to others through the "Public Access" features in HOBOLink.

**Easy data access** In addition to viewing your data in web-based graphs, you can quickly download your HOBOLink data in ".csv" format to import into third-party software or in ".dtf" format for detailed analysis in HOBOWare Pro.

**Dashboard Integration** HOBOLink is set up to readily integrate with advanced dashboards from our partners for energy monitoring applications. For weather monitoring applications, HOBOLink provides a turnkey feature to integrate your U30 weather station data with Weather Underground. ([www.wunderground.com](http://www.wunderground.com))

The dashboard integration feature provides users with more flexibility to set custom views for their data outside of HOBOLink by using different tools provided by the dashboards/web portals.

**HOBOLink web services** HOBOLink Web Services offer the ability for third-party developers and partners to write their own programs to extract data from the HOBOLink servers for their application needs. Onset also provides free tools for HOBOLink users to use these web services.

**Alarm notifications** HOBOLink users can set up and manage alarm notifications through the web. HOBOLink will send a text message to your phone and email to your computer when conditions exceed set thresholds, if there is a sensor failure or low battery.

Software

Ordering Information		
<b>HOBO U30/GSM</b> Global Data Service (work with AT&T and Mobile networks in the US; includes HOBOLink service)	20 minute calling (1 min log)	<b>SP-303</b>
	30 minute calling (1 min log)	<b>SP-304</b>
	20 calls per day (1 min log)	<b>SP-305</b>
T-Mobile-Only Plans (includes HOBOLink Service)	10 minute calling (1 min log)	<b>SP-102</b>
	1 call per day (15 min log)	<b>SP-105</b>
AT&T-Only Plan (includes HOBOLink Service)	10 minute calling (1 min log)	<b>SP-202</b>
<b>HOBO U30/WiFi</b> HOBOLink Data Service	10 minute upload (1 sec log)	<b>SP-001</b>
	10 minute upload (1 min log)	<b>SP-002</b>
	1 hr uploads (5 min log)	<b>SP-003</b>
<b>HOBO U30/Ethernet</b> HOBOLink Data Service	10 minute upload (1 sec log)	<b>SP-001</b>
	10 minute upload (1 min log)	<b>SP-002</b>
	1 hr uploads (5 min log)	<b>SP-003</b>
<b>Software (one required)</b>	HOBOWare Pro (Windows/Mac)	<b>BHW-PRO-CD</b>

See [onsetcomp.com](http://onsetcomp.com) for the latest selection of service plans.



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