

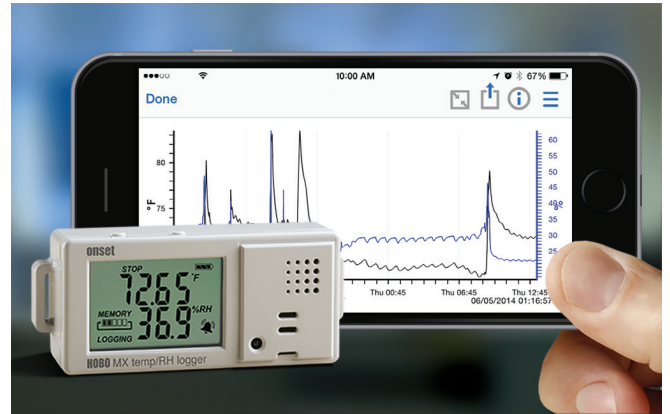


# HOBO® MX1101 Data Logger

Bluetooth low energy temperature and relative humidity data logger

Onset's HOBO MX1101 is a Low Energy (BLE) data logger that measures and transmits temperature and relative humidity data wirelessly to mobile devices via BLE Smart technology.

The self-contained wireless data logger, which works with Onset's free HOBOMobile® app for logger setup and data management, enables users to access data anytime from their mobile device over a 100-foot range. It communicates instantly and enables you to "cut the cord" by requiring no dedicated equipment beyond a mobile device for configuring the logger or reading out data. This saves considerable time and money.



### Supported Measurements:

Temperature, Relative Humidity, Dew Point

### Key Advantages:

- BLE enabled for use with mobile devices
- No internet access, cables, or computer required
- Download data any time from 100 ft. away
- Audible and visual alarms keep you notified of problems
- Easily share data and graph images for analysis

### Minimum System Requirements:



HOBOMobile



Mobile device



\*iOS 8.3, 8.4 & 9.0, or Android 4.4, 5.0, 5.1 and Bluetooth 4.0 or later

► For complete information and accessories, please visit: [www.onsetcomp.com](http://www.onsetcomp.com)

<b>Part number</b>	<b>MX1101</b>
<b>Memory</b>	84,650 Measurements
<b>Sampling Rate</b>	1 second to 18 hours, user selectable
<b>Battery Life</b>	1 year, typical with logging rate of 1 minute and sampling interval of 15 seconds or greater, user replaceable, 2AAA
<b>Dimensions</b>	3.66 x 8.48 x 2.29 cm (1.44 x 3.34 x 0.9 in.)
<b>Temperature</b>	
<b>Range</b>	-20° to 70°C (-4° to 158°F)
<b>Accuracy</b>	±0.21°C from 0° to 50°C (±0.38°F from 32° to 122°F)
<b>Resolution</b>	0.024°C at 25°C (0.04°F at 77°F)
<b>Response Time</b>	7.30 minutes in air moving 1 m/s (2.2 mph)
<b>Relative Humidity</b>	
<b>Range</b>	1% - 90%RH, non-condensing
<b>Accuracy</b>	±2.0% from 20%RH to 80%RH typical to a maximum of ±4.5% including hysteresis at 25°C (77°F); below 20%RH and above 80%RH ±6% typical
<b>Hysteresis</b>	±2% RH
<b>Resolution</b>	0.01%RH
<b>Response Time</b>	20 seconds to 90% in air moving of 1 m/s (2.2 mph)
<b>CE compliant</b>	Yes

Note: Temp & RH NIST certification services available for this product. Please visit [onsetcomp.com](http://onsetcomp.com), or call us at 1-800-564-4377.

## Contact Us

Sales (8am to 5pm ET, Monday through Friday)

- Email [sales@onsetcomp.com](mailto:sales@onsetcomp.com)
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
- Fax 1-508-759-9100

Technical Support (8am to 8pm ET, Monday through Friday)

- Contact Product Support [onsetcomp.com/support/contact](http://onsetcomp.com/support/contact)
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