



## NEW HOBO MX100 Temperature Logger

*Splash-proof BLE logger for indoor environments*

Onset's HOBO MX100 is a low-cost, splash-proof data logger that measures and transmits temperature data wirelessly to mobile devices via Bluetooth Low Energy (BLE) technology.

Ideal for a range of indoor monitoring applications, this self-contained wireless data logger lets you access temperature data anytime from your mobile device over a 100-foot range. And, it requires no dedicated equipment beyond a mobile device for configuring the logger or reading out data.

### Supported Measurements:

Temperature

### Key Advantages:

- Set up and offload loggers wirelessly from your mobile device – no internet, cables, or computer required
- Exceptional value for the convenience of a BLE communication logger
- Splash-proof design enables use in damp environments and spray-down applications
- Easy to deploy, offload, and share temperature data using free HOBOMobile app
- Visual alarms on the logger display and mobile app keep you notified of problems
- Set up and start monitoring in minutes!

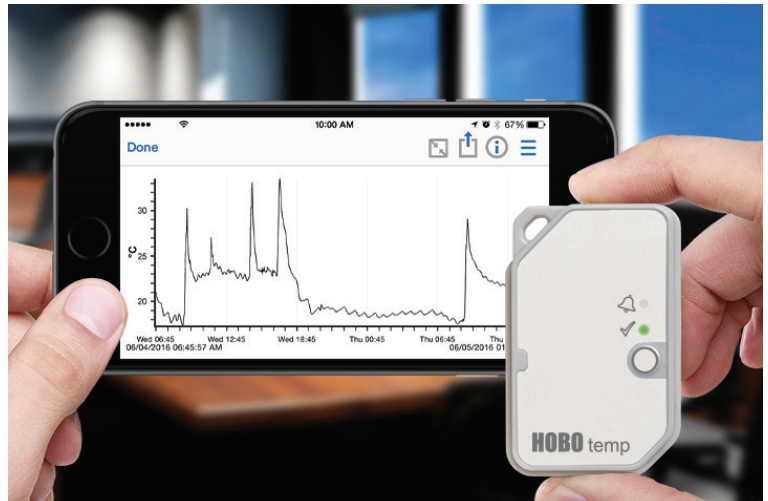
### Minimum System Requirements:



HOBOMobile



Mobile\*  
device



Call Us 1.877.571.7901

\*Currently iOS compatible only. Android compatibility coming soon.

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

<b>Part number</b>	<b>MX100</b>
	<b>Temperature Sensor</b>
<b>Range</b>	-30° to 70°C (-22° to 158°F)
<b>Accuracy</b>	±1.0°C from -30° to -5°C (±1.8°F from -22° to 23°F) ±0.5°C from -5° to 50°C (±0.9°F from 23° to 122°F) ±1.0°C from 50° to 70°C (±1.8°F from 122° to 158°F)
<b>Resolution</b>	0.04°C (0.072°F)
<b>Drift</b>	<0.01°C (0.018°F) per year
<b>Response Time</b>	6 minutes typical to 90% in open air moving 1 m/s, unmounted
	<b>Logger</b>
<b>Logger Operating Range</b>	-30° to 70°C (-22° to 158°F)
<b>Transmission Range</b>	Approximately 30.5 m (100 ft) line-of-sight
<b>Logging Rate</b>	1 second to 18 hours
<b>Time Accuracy</b>	± 1 minute per month at 25°C (77°F)
<b>Battery</b>	CR2450 3V lithium, not replaceable
<b>Battery Life</b>	1 year, typical with logging interval of 1 minute and Power Saving Mode disabled; 2 years, typical with logging interval of 1 minute and Power Saving Mode enabled.
<b>Memory</b>	30,000 Measurements
<b>Dimensions</b>	6.9 x 4.5 x 1.1 cm (2.71 x 1.76 x 0.42 inches)
<b>CE compliant</b>	Yes

## 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)
- Call 1-508-759-9500
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