



# HOBO MX100 Splashproof Bluetooth Temperature Data Logger

## Product Images



## Short Description

Start monitoring your indoor applications with this low cost temperature data logger, data is transmitted wirelessly via built in bluetooth, allowing the user to easily access data via their mobile or tablet device.

## Description

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.

The free HOBObconnect app for iOS, Android & Windows makes it fast and easy to view temperature graphs, check the operational status of MX100 loggers, configure alarm notifications, and share data files.

## **Highlighted Features**

- 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 HOBObconnect app
- Visual alarms on the logger display and connect app keep you notified of problems
- Set up and start monitoring in minutes!

# Additional Information

Country of Manufacture	United States
Brand	Onset HOBO
Measurements	Temperature
Typical applications	Building Monitoring, Building Performance, Cold Chain, Environmental (Indoor), Food Safety, HVAC, Life Sciences, Medical, Pharmaceutical
Onset Product Series	MX100
Explanation	<p><b>Temperature Sensor Specifications:</b> Range: -30° to 70°C (-22° to 158°F) Accuracy: ±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) Resolution: 0.04°C (0.072°F) Drift: &lt;0.01°C (0.018°F) per year Response Time: 6 minutes typical to 90% in open air moving 1 m/s, unmounted (Logger) Logger Operating Range: -30° to 70°C (-22° to 158°F) Transmission Range: Approximately 30.5 m (100 ft) line-of-sight Logging Rate: 1 second to 18 hours Time Accuracy: ± 1 minute per month at 25°C (77°F) Battery Life: 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. Memory: 30,000 Measurements CE compliant: Yes</p>
Contents	1 x MX100 Data Logger
Dimensions	6.9 x 4.5 x 1.1 cm
Batteries	Battery CR2450 3V lithium, not replaceable
Power	Battery Only

# Additional Options

Temperature Calibration Certificate	2 Point Temperature Calibration (0°C / 60°C)
	2 Point Temperature Calibration (please specify temperature points)
	1 Point Temperature Calibration (0°C)