

# NEW: MX100 – HOBOTEMP BLUETOOTH



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.

**\$78.00 ex GST**  
**[\$85.80 inc GST]**





The HOBO MX100 Temp logger measures temperature in indoor environments. With an IP67 environmental rating, the logger can be deployed in indoor locations where moisture may form. This Bluetooth® Low Energy-enabled logger is designed for wireless communication with a mobile device. Using the HOBOMobile® app, you can easily configure the logger, read it out, and view data on your phone or tablet, or automatically upload the data to HOBOLink® for further analysis. The logger has a built-in alarm you can configure to trip at thresholds you specify. Designed with a non-replaceable lithium battery, this logger also has a power-saving mode that allows you to use the Bluetooth signal only when needed to maximize battery life.

## HOBO MX100 Temp Logger

### Required Items:

- HOBOMobile app
- Device with iOS and Bluetooth

## Specifications

### Temperature Sensor

<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

### Logger

<b>Logger Operating Range</b>	-30° to 70°C (-22° to 158°F)
<b>Radio Power</b>	1 mW (0 dBm)
<b>Transmission Range</b>	Approximately 30.5 m (100 ft) line-of-sight
<b>Wireless Data Standard</b>	Bluetooth Low Energy (Bluetooth Smart)
<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. Faster logging intervals, remaining connected with the app, excessive downloads, and paging may impact battery life.
<b>Memory</b>	30,000 measurements
<b>Full Memory Download Time</b>	Approximately 30 seconds; may take longer the farther the device is from the logger
<b>Dimensions</b>	6.9 x 4.5 x 1.1 cm (2.71 x 1.76 x 0.42 inches)
<b>Weight</b>	25.5 g (0.90 oz)
<b>Environmental Rating</b>	IP67



The CE Marking identifies this product as complying with all relevant directives in the European Union (EU).



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Passed RTCA DO160G, part 21H