



# HOBO MX2304 Wireless Temperature Data Logger with External Sensor - Optional Remote Monitoring

## Product Images




## Short Description

The HOBO MX2304 is a weatherproof indoor/outdoor data logger with one external temperature sensor. Leveraging Bluetooth Low Energy, the logger enables easy, fast set up and data download directly from your mobile device. For remote cloud-based access to your data and alerts, simply add the optional [MX Gateway](#).

### Key Features

- Convenient wireless setup and data download via Bluetooth Low Energy, or via the cloud with the optional MX Gateway
- View current data in real time with the free HOBOnnect app, and near real-time cloud-based monitoring with the optional MX Gateway
- Receive alert notifications for out-of-range conditions via email or SMS text message with the optional MX Gateway
- Visual alerts on the data logger and app
- Retrieve data in hard-to-reach locations
- Compact, weatherproof housing with built-in mounting system
- Share downloaded data easily from your mobile device
- Accuracy: +/- 0.2C°.

# Additional Information

Country of Manufacture	United States
Brand	Onset HOBO
Measurements	Temperature
Typical applications	Environmental (Indoor), Environmental (Outdoor), Field Research, Food Safety
Onset Product Series	MX2300
Explanation	<p>Features:</p> <ul style="list-style-type: none"><li>• Convenient wireless setup and download via Bluetooth Low Energy (100-foot range)</li><li>• Retrieve data in hard-to-reach locations</li><li>• Visual alarms alert you to out-of-range conditions</li><li>• Compact, weatherproof housing with built-in mounting</li><li>• View current data in real time with Onset’s free HOBOMobile app</li><li>• Share downloaded data easily from your mobile device</li><li>• Accuracy: +/- 0.2C°</li></ul> <p>Download the HOBOMobile app:</p> 
Contents	<ul style="list-style-type: none"><li>• HOBO MX2304 1 Ext Temp Data Logger</li><li>• Screws</li><li>• Cable ties</li></ul>
Ideal For	Professional, Agronomy
Power	Battery only

<b>Temperature Sensor:</b>	
Sensors	Range MX2301 and MX2305 internal sensors: -40 to 70°C (-40 to 158°F) MX2302 external temperature sensor: -40 to 70°C (-40 to 158°F) MX2303 and MX2304 external sensors: -40 to 100°C (-40 to 212°F), with tip and cable immersion in fresh water up to 50°C (122°F) for one year
	Accuracy ±0.25°C from -40 to 0°C (±0.45 from -40 to 32°F) ±0.2°C from 0 to 70°C (±0.36 from 32 to 158°F) ±0.25°C from 70 to 100°C (±0.45 from 158 to 212°F), MX2303 and MX2304 only
	Resolution 0.04°C (0.072°F)
	Drift <0.01°C (0.018°F) per year
Batteries	2/3 AA 3.6 Volt lithium, user replaceable

## Additional Options

<b>Optional Remote Cloud Access to Your Data</b>	MX Gateway for HOBO MX Data Loggers (SKU: MXGTW1)
	HOBOLink Service Plan (One Year Subscription (SKU: SP-620)) - one required per MX Gateway
<b>Temperature Calibration Certificate</b>	2 Point Temperature Calibration (0°C / 60°C)
	2 Point Temperature Calibration (please specify temperature points)
	1 Point Temperature Calibration (0°C)