



Call our friendly team on
+44 (0)1243 558270

Tempcon Instrumentation
Ford Lane Business Park
Ford
West Sussex
BN18 0UZ, UK
www.tempcon.co.uk



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">• Convenient wireless setup and download via Bluetooth Low Energy (100-foot range)• Retrieve data in hard-to-reach locations• Visual alarms alert you to out-of-range conditions• Compact, weatherproof housing with built-in mounting• View current data in real time with Onset's free HOBOMobile app• Share downloaded data easily from your mobile device• Accuracy: +/- 0.2C° <p>Download the HOBOMobile app:</p>   |
| Contents | <ul style="list-style-type: none">• HOBO MX2304 1 Ext Temp Data Logger• Screws• Cable ties |
| Ideal For | Professional, Agronomy |
| Power | Battery only |

| | |
|----------------------------|---|
| Temperature Sensor: | |
| 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

| | |
|--|--|
| Optional Remote Cloud Access to Your Data | MX Gateway for HOBO MX Data Loggers (SKU: MXGTW1) |
| | HOBOLink Service Plan (One Year Subscription (SKU: SP-620)) - one required per MX Gateway |
| 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) |