HOBO MX1101 Temp/RH Logger

Bluetooth Low Energy temperature and relative humidity data logger

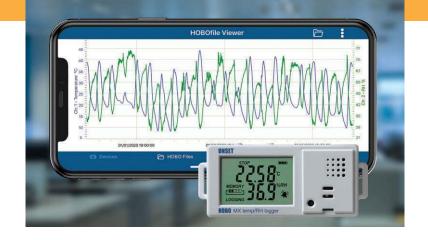
Onset's HOBO MX1101 is a Bluetooth® Low Energy (BLE) data logger that measures and transmits temperature and relative humidity data wirelessly to mobile devices and Windows computer with BLE technology.

The self-contained wireless data logger, which works with Onset's free HOBOconnect® app for logger setup and data management, enables users to access data anytime from their mobile device or Windows computer over a 100-foot range. It communicates instantly and enables you to "cut the cord" by requiring no dedicated equipment beyond a mobile device or laptop or PC for configuring the logger or reading out data. This saves considerable time and money.

Remotely access your data in Onset's cloudbased HOBOlink software with the new MX Gateway.

Supported Measurements:

Temperature, Relative Humidity, Dew Point



Key Advantages:

- Bluetooth Low Energy technology for use with mobile devices and Windows computer
- No internet access, no cables required
- Download data any time from 100 ft. away
- · Audible and visual alarms keep you notified of problems
- Easily share data and graph images for analysis

Minimum System Requirements:





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For complete information and accessories, please visit: www.onsetcomp.com

Part number	MX1101
Memory	84,650 Measurements
Sampling Rate	1 second to 18 hours, user selectable
Battery Life	1 year, typical with logging rate of 1 minute and sampling interval of 15 seconds or greater, user replaceable, 2AAA
Dimensions	3.66 x 8.48 x 2.29 cm (1.44 x 3.34 x 0.9 in.)
Temperature	
Range	-20° to 70°C (-4° to 158°F)
Accuracy	±0.21°C from 0° to 50°C (±0.38°F from 32° to 122°F)
Resolution	0.024°C at 25°C (0.04°F at 77°F)
Response Time	7.30 minutes in air moving 1 m/s (2.2 mph)
Relative Humidity	
Range	1% - 90%RH, non-condensing
Accuracy	±2.0% from 20%RH to 80%RH typical to a maximum of ±4.5% including hysteresis at 25°C (77°F); below 20%RH and above 80%RH ±6% typical
Hysteresis	±2% RH
Resolution	0.01%RH
Response Time	20 seconds to 90% in air moving of 1 m/s (2.2 mph)
CE compliant	Yes

^{*)} Available for mobile devices with Bluetooth® and iOS, iPadOS®, or Android™, or Windows® computers with a native BLE adapter or supported BLE dongle.

Note: Temp & RH NIST certification services available for this product. Please visit onsetcomp.com, or call us at 1-800-564-4377.