

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 HOBOfile® 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 cloud-based HOBOLink software with the new MX Gateway.

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:



HOBOfile app*



Mobile device

Supported Measurements:

Temperature, Relative Humidity, Dew Point

► 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.