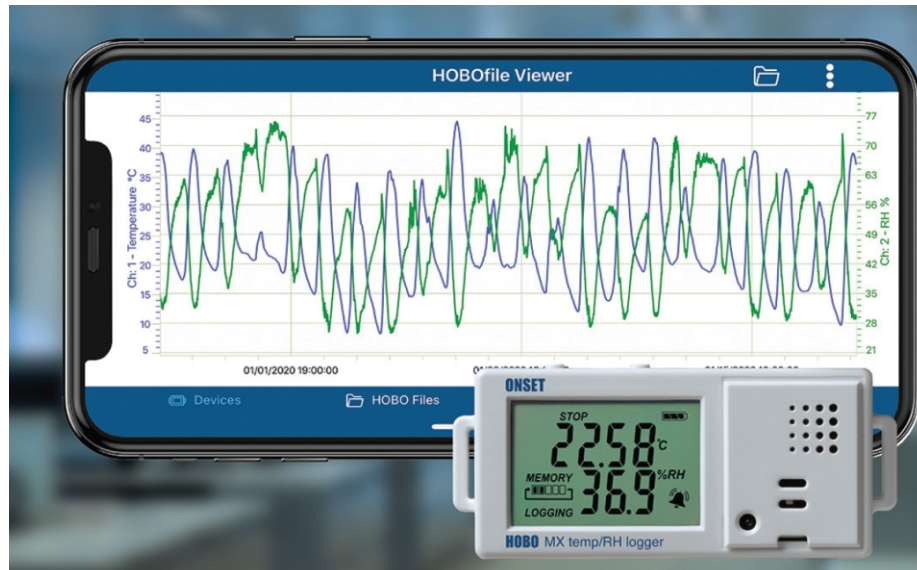


Bluetooth Low Energy temperature and relative humidity data logger



HOBO MX1101 is a Bluetooth® Low Energy (BLE) data logger that measures and transmits temperature and relative humidity data wirelessly to mobile devices via 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 over a 100-foot range. It communicates instantly and enables you to “cut the cord” by requiring no dedicated equipment beyond a mobile device for configuring the logger or reading out data. This saves considerable time and money.

Key Advantages:

- Bluetooth Low Energy technology for use with mobile devices
- No internet access, cables, or computer 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

Supported Measurements:

- Temperature
- Relative Humidity
- Dew Point

Minimum System Requirements:



HOBOfile



Mobile device

- iOS 10.X, 11.X, 12.X and 13
- Android 6.0.1, 7, 8, and 9
- Bluetooth 4.X and up



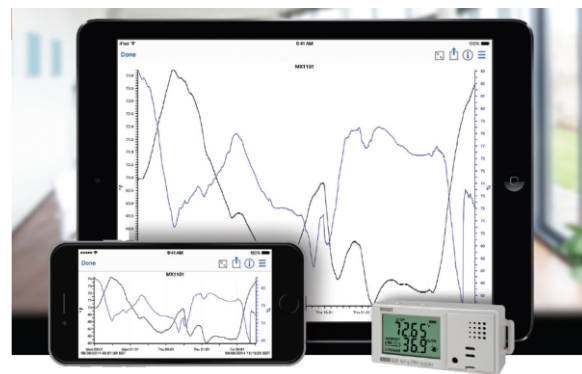
Technical Specifications:

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

HOBOMobile®

Easy logger setup and data management software for HOBO MX Series loggers

HOBOMobile app, a free download from the iTunes or Google Play app store, makes it a snap to configure MX Series data loggers and manage the collected data. Right from a mobile phone or tablet, users can view data in graphs, check the operational status of loggers, share data files and graph images for analysis in Excel, Numbers, and other applications, and store data in the cloud. HOBOMobile also makes it fast and easy to set up audible alarm notifications so users are immediately notified of problems.



Key Advantages:

- Communicate to HOBO MX data loggers using Bluetooth Low Energy technology
- No internet connection required
- Set data logger's name, password, logging rate, alarm threshold, start & stop time
- Automatically upload data to HOBOLink service for storing and merging data files.
- Configure and clear audible alarms
- Page the data logger
- Download and view data
- Export and share data as CSV, TXT, XLSX, or HOBO files