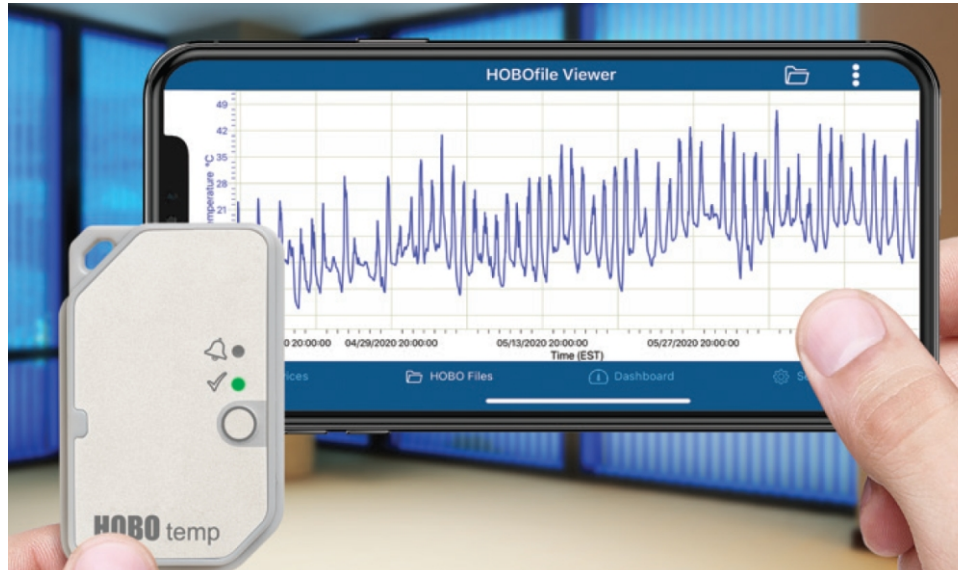


### Splash-proof BLE temperature logger for indoor environments



Onset's HOBO MX100 is a low-cost, splashproof data logger that measures and transmits temperature data wirelessly to mobile devices via Bluetooth Low Energy (BLE) technology.

Ideal for a range of indoor monitoring applications, this self-contained wireless data logger lets you access temperature data anytime from your mobile device over a 100-foot range. And, it requires no dedicated equipment beyond a mobile device for configuring the logger or reading out data.

#### Key Advantages:

- Set up and offload loggers wirelessly from your mobile device – no internet, cables, or computer required
- Exceptional value for the convenience of a BLE communication logger
- Splash-proof design enables use in damp environments and spray-down applications
- Easy to deploy, offload, and share temperature data using free HOBOfile app
- Visual alarms on the logger display and mobile app keep you notified of problems
- Set up and start monitoring in minutes!

#### Supported Measurements:

- Temperature

#### 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



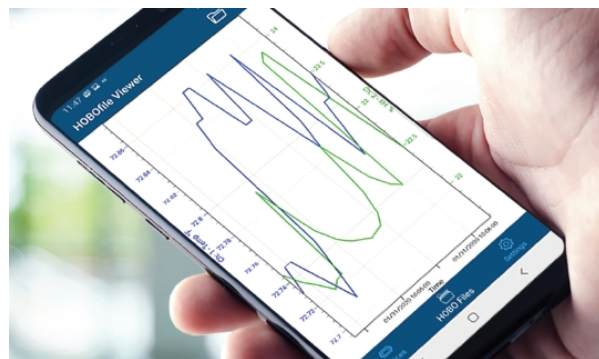
### Technical Specifications:

<b>Part number</b>	<b>MX100</b>
	<b>Temperature Sensor</b>
<b>Range</b>	-30° to 70°C (-22° to 158°F)
<b>Accuracy</b>	±1.0°C from -30° to -5°C (±1.8°F from -22° to 23°F) ±0.5°C from -5° to 50°C (±0.9°F from 23° to 122°F) ±1.0°C from 50° to 70°C (±1.8°F from 122° to 158°F)
<b>Resolution</b>	0.04°C (0.072°F)
<b>Drift</b>	<0.01°C (0.018°F) per year
<b>Response Time</b>	6 minutes typical to 90% in open air moving 1 m/s, unmounted
	<b>Logger</b>
<b>Logger Operating Range</b>	-30° to 70°C (-22° to 158°F)
<b>Transmission Range</b>	Approximately 30.5 m (100 ft) line-of-sight
<b>Logging Rate</b>	1 second to 18 hours
<b>Time Accuracy</b>	± 1 minute per month at 25°C (77°F)
<b>Battery</b>	CR2450 3V lithium, not replaceable
<b>Battery Life</b>	1 year, typical with logging interval of 1 minute and Power Saving Mode disabled; 2 years, typical with logging interval of 1 minute and Power Saving Mode enabled.
<b>Memory</b>	30,000 Measurements
<b>Dimensions</b>	6.9 x 4.5 x 1.1 cm (2.71 x 1.76 x 0.42 inches)
<b>CE compliant</b>	Yes

### HOBOconnect® App for MX Data Loggers

Easy logger setup and data management with your mobile device or Windows computer

Onset's free HOBObconnect app makes it fast and easy to configure compatible HOBO MX Series data loggers (chart below) and manage the collected data. Just download the app from the Apple App Store or Google Play to your mobile device, or download from our website to your Windows computer. With HOBObconnect, you 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, plus store data in the cloud. HOBObconnect also lets you quickly set up audible alarm notifications, so you're immediately alerted to any problems.



### Features:

- Communicates to HOBO MX data loggers using Bluetooth (LE) technology
- No internet connection required
- Set data logger's name, password, logging rate, alarm threshold, start and stop time
- Automatically upload data to Onset's cloud-based HOBOLink software to store and merge data files
- Configure and clear audible alarms
- Page the data logger
- Quickly download and view data
- Export and share data as CSV, TXT, XLSX, or HOBO files