A low-cost, splash-proof, Bluetooth-enabled data logger that measures and transmits temperature data wirelessly to mobile devices or Windows computers.

Ideal for a range of indoor monitoring applications, this self-contained wireless data logger lets you configure it and access temperature data at any time when within 100 feet of the logger, with no dedicated equipment beyond a mobile device or Windows computer running the HOBOconnect app.

Onset's free HOBOconnect app makes it fast and easy to view temperature graphs, check the operational status of MX100 loggers, configure alarm notifications, and share data files.

Features :

- Set up and offload loggers wirelessly from your mobile device or Windows computer

- Exceptional value for the convenience of a Bluetooth communication logger

- Splash-proof design enables use in damp environments and spray-down applications

- Easy to deploy, offload, and share temperature data using the HOBOconnect app

- Visual alarms on the logger display and mobile app keep you notified of problems

- Set up and start monitoring in minutes!

Technical Specifications:

Temperature Sensor

Range	:	-30° to 70°C (-22° to 158°F)
Accuracy	:	±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)
Resolution	:	0.04°C (0.072°F)
Drift	:	<0.01°C per year (0.018°F per year)
Response Time	:	6 minutes typical to 90% in open air moving 1 m/s, unmounted

Logger

Logger Operating Range	:	-30° to 70°C (-22° to 158°F)
Radio Power	:	1 mW (0 dBm)
Transmission Range	:	Approximately 30.5 m line-of-sight (Approximately 100 ft line-of-sight) Wireless Data Standard : Bluetooth Low Energy (Bluetooth Smart)
Logging Rate	:	1 second to 18 hours
Time Accuracy	:	±1 minute per month at 25°C (±1 minute per month at 77°F)
Battery	:	CR2450 3V lithium, not replaceable
Battery Life	:	1 year, typical with logging interval of 1 minute and Bluetooth Always On enabled; 2 years, typical with logging interval of 1 minute and Bluetooth Always On disabled. Faster logging intervals, remaining connected with the app, excessive downloads, and paging may impact battery life.
Memory	:	30,000 measurements
Full Memory Download Time	:	Approximately 30 seconds; may take longer the farther the device is from the logger
Dimensions	:	6.9 x 4.5 x 1.1 cm (2.71 x 1.76 x 0.42 inches)
Weight	:	25.5 g (0.90 oz)
Environmental Rating	:	Ip67