

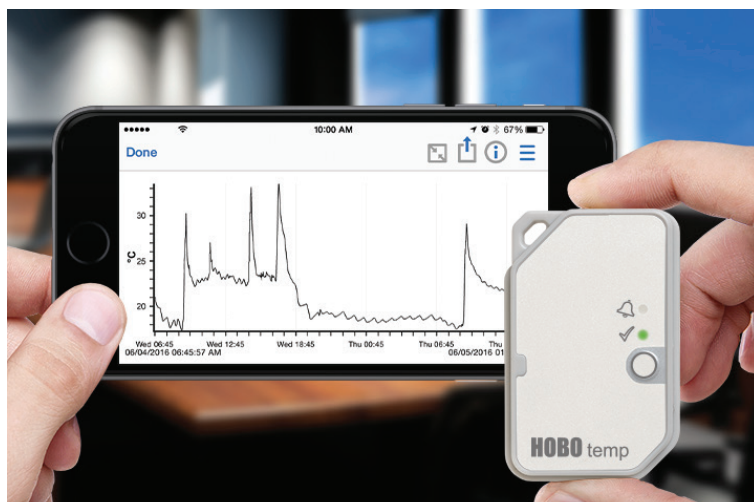
MX100

Temperature Logger

Splash-proof BLE logger for indoor environments

MX100 is a low-cost, splash-proof 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.



Supported Measurements:

Temperature

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 HOBOMobile app
- Visual alarms on the logger display and mobile app keep you notified of problems
- Set up and start monitoring in minutes!

Minimum System Requirements:



HOBOMobile

Mobile*
device

Part number	MX100
	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 (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)
Transmission Range	Approximately 30.5 m (100 ft) line-of-sight
Logging Rate	1 second to 18 hours
Time Accuracy	± 1 minute per month at 25°C (77°F)
Battery	CR2450 3V lithium, not replaceable
Battery Life	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.
Memory	30,000 Measurements
Dimensions	6.9 x 4.5 x 1.1 cm (2.71 x 1.76 x 0.42 inches)
CE compliant	Yes

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