

## Measures temperature, events, and rainfall



The HOBO Pendant Event data logger is ideal for rainfall logging and connects to most standard tipping-bucket rain gauges to determine rainfall rates, times, and duration.

### Key Advantages:

- Records tips or momentary contact closures and temperature
- Event-based data storage provides detailed data and efficient memory usage
- Stores over 16,000 tips (160 inches of rainfall with a 0.01-inch rain gauge)
- Includes scaling to inches, millimeters, or other units

### Minimum System Requirements:



HOBOSConnect



Software



Base Station



Coupler

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



### Supported Measurements:

- Rainfall
- Temperature

## Technical Specifications:

|                                |   |
|--------------------------------|---|
| <b>Part number</b>             | UA-003-64   |
| <b>Memory</b>                  | Events only: 16K to 23K events<br>Events and temperature: 25K to 30K data points  |
| <b>Battery life</b>            | 1 year typical, user-replaceable CR2032   |
|                                | <b>Rain Gauge Tips</b>  |
| <b>External Event type:</b>    | Relay contact closure or rain gauge “tips”  |
| <b>Connection</b>              | 2 m (6 ft) cable with 2-wire input  |
| <b>Maximum input frequency</b> | 1 Hz (1 pulse per second)   |
|                                | <b>Temperature</b>  |
| <b>Measurement range</b>       | -20° to 70°C (-4° to 158°F)   |
| <b>Accuracy</b>                | ± 0.53°C from 0° to 50°C (± 0.95°F from 32° to 122°F);<br>a solar radiation shield is required for temperature measurements in sunlight |
| <b>Resolution</b>              | 0.14°C at 25°C (0.25°F at 77°F)   |
| <b>Response time</b>           | Airflow of 2 m/s (4.4 mph): 10 minutes, typical to 90%  |
| <b>Sample rate</b>             | 1 second to 18 hours, user-selectable   |
| <b>Dimensions</b>              | 7.1 x 3.3 x 2.3 cm (2.8 x 1.3 x 0.9 in) Cable 1.8 m (6 ft)  |
| <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 HOBOblink 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