

H21-001

## HOBO Weather Station Data Logger

### 15 data channel logger



Discontinued

An award-winning weather station offering easy configuration and dependable research-grade measurements at a reasonable cost. An award-winning weather station offering easy configuration and dependable research-grade measurements at a reasonable cost.

#### Important Information

Requires HOBOWare software (USB interface cable included w/CD purchase) and a communications device. See compatible items below.



Compatible with  
**HOBOWare® Software**

[View upgrade options](#)

### Features

- Accept Onset's wide range of plug-in smart sensors
- Optional analog and pulse inputs for 3rd-party sensors
- Battery-powered for up to a year - no solar panels required

### Contact Us

Sales (8am to 5pm ET, Monday through Friday)

- Email [sales@onsetcomp.com](mailto:sales@onsetcomp.com)
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
- Fax 1-508-759-9100

Technical Support (8am to 5pm ET, Monday through Friday)

- Contact Product Support [www.onsetcomp.com/support/contact](http://www.onsetcomp.com/support/contact)
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

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## **HOBO Weather Station Data Logger (H21-001) Specifications**

Operating Range: -20° to 50°C (-4° to 122°F) with alkaline batteries,

-40° to 70°C (-40° to 158°F) with lithium batteries

Sensor Inputs: 10, expandable to 15 with optional adapters

Data Channels: Maximum of 15 (some sensors use more than one data channel; see sensor manual for details)

Communication: 3.5 mm serial port or weatherproof external connector

Dimensions: 23 cm H x 10 cm D x 18 cm W (9 x 4 x 7 inches)

Weight: 0.9 kg (2 lbs)

Memory: 512K nonvolatile flash data storage

Memory Modes: Stop when full, wrap around when full

Operational Indicators: Seven status lights provide logging and sensor network status

Logging Interval: 1 second to 18 hours, user-specified interval

Battery Life: 1 year typical use (up to 10 sensors with 10 minutes or longer logging interval)

Battery Type: Four standard AA alkaline batteries included (for operating conditions -20° to 50°C [-4° to 122°F]); optional AA lithium batteries available for operating conditions of -40° to 70°C (-40° to 158°F)

Time Accuracy: 0 to 2 seconds for the first data point and ±5 seconds per week at 25°C (77°F)

Data Type: Supports measurement averaging based on availability of supporting data from sensor

Logger Start Modes: Immediate, push-button, or delayed start options

Data Communication: Current reading while logging, offload while logging, or offload when stopped

Environmental Rating: Weatherproof

Mounting Mast: (3.8 cm [1.5 inches] maximum diameter) or wall mount

Enclosure Access: Hinged door secured by four screws

Sensor Network Cable Length: 100 m (328 ft) maximum