



HOBO® H21-002 Data Logger

Micro Station

Accurately monitor outdoor weather conditions with the HOBO Micro Station. This rugged data logger starts at \$231 and is popular because of its compact size. It accepts up to four plug-and-play smart sensors, and has over 500k of nonvolatile flash data storage. The Micro Station can run up to 1 year on four standard AA batteries.



Key Advantages:

- NEW! Improved weatherproof enclosure for harsh environments
- Optional analog and pulse inputs for 3rd-party sensors
- Battery-powered for up to a year - no solar panels required
- Requires HOBOWare or HOBOWare Pro software for logger setup, graphing and analysis.
- Requires #ADAPT-SER-USB interface cables

HOBO H21-002 Data Logger 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: Up to four smart sensors (including multiple-parameter sensors)

Communication: 3.5 mm serial port

Dimensions: 8.9 cm H x 11.4 cm D x 5.4 cm W (3.5 x 4.5 x 2.125 inches)

Weight: 0.36 kg (0.8 lb)

Memory: 512K nonvolatile flash data storage

Memory modes: Stop when full, wrap around when full

Operational indicators: Seven 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 4 sensors with 1 minute 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, with Gore™ Vent for deployment in harsh weather conditions; tested to NEMA 4X and IP66.

Mounting: Mount vertically on flat surface 18 cm (3.5 inches) or wider; optional mast mounting kit for use on 4.1 cm (1 5/8 inches) diameter masts

Enclosure access: Cover secured by four screws

Sensor network cable length: 100 m (328 ft) maximum

Contact Us

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Technical Support (8am to 6pm ET, Monday through Friday)

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