

H08-031-08

HOBO Temperature/Temperature External Data Logger



Discontinued

Important Information

This product is compatible with Boxcar, which is discontinued. However, users of our legacy products can still download the unsupported free version below:



Compatible with
BoxCar

[View upgrade options](#)

Supported Measurements

Temperature

Contact Us

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

- Email 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
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

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Bourne, MA 02532

HOBO Temperature/Temperature External Data Logger (H08-031-08) Specifications

Operating range (logger): -30°C to +50°C (-22°F to +122°F), 0 - 100% RH, HOBO Pro RH/Temp should be mounted so that water does not impact or collect in the RH sensor.

RH Sensor operating environment: 0°C to +50°C (+32°F to +122°F) in intermittent condensing environments up to +30°C; and above +30°C in non-condensing environments.

Sensor requires protection from rain, splashing, mist, dust, and airborne chemicals such as salt and ammonia.

Time accuracy: approx. ±1 minute per week (±100 ppm at +20°C or +68°F), full dependance shown in Plot A.

Measurement capacity: 65,291 standard-resolution (8-bit) measurements, 32,645 high-resolution (12-bit) measurements or 21,763 measurements if one channel uses standard-resolution and the other channel uses high-resolution. RH measurements use standard resolution only. All measurements are stored in nonvolatile memory, with seven levels of data archiving (See Non-Volatile Memory).

Data offload time: 1 minute typical

Size: 4.0" H x 3.2" W x 2.0" D

Weight: 5.1 oz.

Battery: 1/2 AA, lithium, 3.6V, user-replaceable (Use only Onset part # HP-B)

Battery life (continuous use): 3 years

Storage temperature: -30°C to +75°C (-22°F to +167°F)