

U12-008

## HOBO 4-Channel External Data Logger

Discontinued

Records multiple energy and environmental parameters, ranging from amps to temperature; deploy indoors or outdoors.

### Important Information

Requires HOBOWare software and a USB cable. (Note: A USB cable is included w/HOBOWare Pro CD or USB software purchase). See compatible items below.



Compatible with  
**HOBOWare® Software**

### Supported Measurements

4-20mA, AC Current, AC Voltage, Air Velocity, Carbon Dioxide, Compressed Air Flow, DC Current, DC Voltage, Gauge Pressure, Kilowatts (kW), Temperature

### Features

- Weatherproof enclosure
- 12-bit resolution provides high accuracy
- Programmable and push-button start
- Direct USB interface for fast data offload
- Compatible with Onset's HOBO U-Shuttle for convenient data transport
- Compatible with HOBOWare and HOBOWare Pro for logger setup, graphing, and analysis

### What's in the box

- HOBO U12-008 4-External Channel Outdoor/Industrial Data Logger
- Desiccant pack
- Mounting/spare parts kit: two socket head screws, dome plug and O-ring, O-ring lubricant, four mounting screws, four flat washers, Allen wrench, and four tie wraps

### 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

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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

## HOBO 4-Channel External Data Logger (U12-008) Specifications

### Analog channels:

0 to 2.5 Vdc (w/[CABLE-2.5-STEREO](#)); 0 to 5 Vdc (w/[CABLE-ADAP5](#)); 0 to 10 Vdc (w/[CABLE-ADAP10](#)); 0 to 24 Vdc (w/[CABLE-ADAP24](#))

### Accuracy (logger only):

± 2 mV ± 2.5% of absolute reading

± 2 mV ± 1% of reading for data logger-powered sensors

**Resolution:** 0.6mV

**Sample Rate:** 1 second to 18 hours, user selectable

**Time accuracy:** ± 1 minute per month at 25°C (77°F), see Plot A in manual

**Operating range:** -20 to 70°C (-4° to 158°F)

**Weatherproof case:** tested to NEMA 6 standard

### Operating temperature

**Logging:** -20° to 70°C (-4° to 158°F)

**Launch/readout:** 0° to 50°C (32° to 122°F), per USB specification

**Battery life:** 1 year typical use. The logger requires one 3-Volt CR-2032 lithium battery.

**Memory:** 64K bytes (43,000 12-bit measurements)

**Weight:** 200 g (7 oz)

**Dimensions:** 140 x 137 x 32 mm (5.5 x 5.38 x 1.25 inches)

The CE Marking identifies this product as complying with all relevant directives in the European Union (EU).