

U12-006

## HOBOb 4-Channel External Data Logger



Discontinued

Records a wide range of energy and environmental data; four channels and 12-bit resolution.

### Important Information

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



Compatible with  
**HOBObware<sup>®</sup> Software**

[View upgrade options](#)

### 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

- 12-bit resolution provides high accuracy
- Large memory for long-term deployments or fast sampling
- Programmable and push-button start
- Direct USB interface for fast data offload
- Compatible with Onset's HOBOb U-Shuttle for convenient data transport
- Compatible with HOBObware and HOBObware Pro software for logger setup, graphing, and analysis

### 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

Onset Computer Corporation  
470 MacArthur Boulevard  
Bourne, MA 02532

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 (U12-006) 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](#)); 4-20 mA (w/[CABLE-4-20MA](#))  
Accuracy (logger only):  $\pm 2 \text{ mV} \pm 2.5\%$  of absolute reading;  $\pm 2 \text{ mV} \pm 1\%$  of reading for logger-powered sensors

Resolution: 0.6 mV

Sample Rate: 1 second to 18 hours, user selectable

Time accuracy:  $\pm 1$  minute per month at 25°C (77°F), see Plot A

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

Operating temperature:

Logging: -20° to 70°C (-4° to 158°F); 0 to 95% RH (non-condensing)

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

Humidity range: 0 to 95% RH, non-condensing

Battery life: 1 year typical use

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

Weight: 46 g (1.6 oz)

Dimensions: 58 x 74 x 22 mm (2.3 x 2.9 x 0.9 inches)

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