

U10-001

## HOBO Temperature Data Logger

Discontinued

The HOBO U10 Temperature Data Logger is an economical choice for indoor temperature monitoring. Its small size and large memory capacity make it a great multi-purpose logger. The HOBO U10 Temperature Data Logger is an economical choice for indoor temperature monitoring.

### Important Information

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



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

[View upgrade options](#)



### Supported Measurements

Temperature

### Features

- Small size for mounting anywhere
- Low cost lets you monitor many locations economically
- Internal sensors for easy deployment

### 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

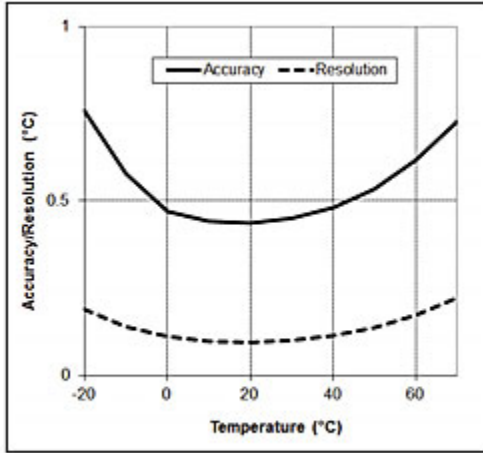
Technical Support (8am to 5pm ET, Monday through Friday)

- 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 Temperature Data Logger (U10-001) Specifications

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



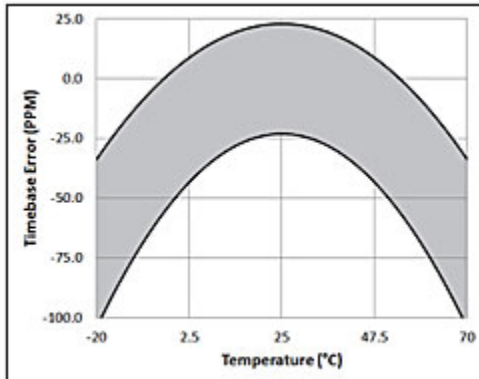
**Plot A**

Accuracy:  $\pm 0.53^{\circ}\text{C}$  from  $0^{\circ}$  to  $50^{\circ}\text{C}$  ( $\pm 0.95^{\circ}\text{F}$  from  $32^{\circ}$  to  $122^{\circ}\text{F}$ ), see Plot A

Resolution:  $0.14^{\circ}\text{C}$  at  $25^{\circ}\text{C}$  ( $0.25^{\circ}\text{F}$  at  $77^{\circ}\text{F}$ ), see Plot A

Drift:  $0.1^{\circ}\text{C}/\text{year}$  ( $0.2^{\circ}\text{F}/\text{year}$ )

Response time: 10 minutes in airflow of 1 m/s (2.2 mph), typical to 90%



**Plot B**

Time accuracy: Approximately  $\pm 1$  minute per month at  $25^{\circ}\text{C}$  ( $77^{\circ}\text{F}$ ), see Plot B

Operating range:

Logging:  $-20^{\circ}$  to  $70^{\circ}\text{C}$  ( $-4^{\circ}$  to  $158^{\circ}\text{F}$ ); 0 to 95% RH (non-condensing)

Battery life: 1 year typical use

Memory: 64K bytes (52,000 10-bit measurements)

Weight: 26 g (0.82 oz)

Dimensions: 45 x 60 x 20 mm (1.8 x 2.38 x 0.77 inches)

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