

# HOBO U14 Loggers

*Display, record, and get notified of temperature and humidity conditions*



HOBO U14 data loggers display, record, and provide alarm notifications of temperature and humidity conditions. Receive out-of-range alarm notifications with the optional Auto Dialer, or remote Audible Alarm. These loggers are well-suited for use in manufacturing, processing, and storage environments where reliable monitoring and documentation of specific temperature and relative humidity conditions are critical.

## Supported Measurements:

Temperature, Relative Humidity, Dew Point

## Key Advantages:

- Real-time display of temperature and relative humidity
- Alarm display and output ensure timely notification of out-of-range conditions
- Optional Remote Alarm and Autodialer
- Choice of two models: Internal Temp/Humidity or External Temp/Humidity sensors
- Optional protective case for harsh or outdoor environments
- Fast data offload via USB

## Minimum System Requirements:



Software  
See pg 37



Sensor\*  
See pg 41



USB cable

► For complete information and accessories, please visit: [www.onsetcomp.com](http://www.onsetcomp.com)

Part number	U14-001 <sup>2</sup> (Temp/RH)	U14-002 <sup>2</sup> (Ext Temp/RH)*
Memory	43,000 measurements	
Sample rate	1 second to 18 hours, recording times up to 1 year	
Battery life	1 year typical, user-replaceable, 3 AAA alkaline	
Range	Temp -20°C to 50°C (-4°F to 122°F)	
Accuracy	Temp ± 0.2°C from 0° to 50°C (± 0.36°F from 32° to 122°F) - RH ± 2.5% from 10 to 90%	
Resolution	0.03° at 25°C (0.05° at 77°F)	
Data channels	0	2
Measurement range	5% to 95% RH (non-condensing)	
Accuracy	± 3.5% RH from 25% to 95% over range of 5° to 55°C (41° to 131°F)	
Response time	Internal temp sensor • 15 min (to 90% in airflow of 1 m/sec)	External temp Sensor • 5 min in airflow of 1 m/sec
	Internal RH sensor • 2 min (to 90% in airflow of 1 m/sec)	External RH Sensor • 5 min in airflow of 1 m/sec with protective cap
Dimensions	125 x 92 x 31 mm (4.9 x 3.6 x 1.2 in)	
CE compliant	Yes	

\*Sensor required for U14-002 only

<sup>1</sup> USB cable included with software part # BHW-PRO-CD

<sup>2</sup> Note: Temp & RH NIST certification services available for this product. Please visit [onsetcomp.com](http://onsetcomp.com), or call us at 1-800-564-4377.