

## 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



Sensor\*



USB cable<sup>1</sup>

\*Sensor required for U14-002 only

<sup>1</sup>USB cable included with software



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

| Part number       | U14-001 (Temp)   | U14-002 (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 $\pm 0.2^\circ\text{C}$ from 0° to 50°C ( $\pm 0.36^\circ\text{F}$ from 32° to 122°F) - RH $\pm 2.5\%$ 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          | $\pm 3.5\%$ RH from 25% to 95% over range of 5° to 55°C (41° to 131°F)   |   |
| Response time     | Internal temp sensor<br>• 15 min (to 90% in airflow of 1 m/sec)  | External temp Sensor<br>• 5 min in airflow of 1 m/sec                   |
|                   | Internal RH sensor<br>• 2 min (to 90% in airflow of 1 m/sec)   | External RH Sensor<br>• 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  |   |

## Contact Us

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