



## HOBO® UX100-001 Data Logger

### Temperature Data Logger

The HOBO UX100-001 Temperature data logger records temperature in indoor environments with its integrated sensor. The logger is ideal for monitoring occupant comfort in office buildings, tracking food storage conditions in warehouses, and logging temperature trends in server rooms.



#### Key Advantages:

- Easy-to view LCD display
- Large memory capacity
- Visual high & low alarm thresholds
- New Burst and Statistics logging modes
- Compatible with HOBOWare and HOBOWare Pro software for logger setup, graphing and analysis

## HOBO UX100-001 Data Logger Specifications

### Temperature Sensor

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

**Accuracy:** ±0.21°C from 0° to 50°C (±0.38°F from 32° to 122°F)

**Resolution:** 0.024°C at 25°C (0.04°F at 77°F)

**Response time:** 8 minutes in air moving 1 m/s (2.2 mph)

**Drift:** <0.1°C (0.18°F) per year

### Logger

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#### Logger Operating Range

**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

**Logging rate:** 1 second to 18 hours, 12 minutes, 15 seconds

**Logging modes:** Normal, Burst or Statistics

**Memory modes:** Wrap when Full or Stop when Full

**Start modes:** Immediately, Push Button, Date & Time or Next Interval

**Stop modes:** When Memory Full, Push Button, or Date & Time

**Restart mode:** Push Button

**Time accuracy:** ±1 minute per month at 25°C (77°F)

**Battery life:** 1 year, typical with logging rate of 1 minute and sampling interval of 15 seconds or greater

**Battery type:** One 3V CR2032 lithium battery

**Memory:** 128 KB (84,650 measurements, maximum)

**Download type:** USB 2.0 interface

**Full memory download time:** 20 seconds

**LCD:** LCD is visible from: 0° to 50°C (32° to 122°F); the LCD may react slowly or go blank in temperatures outside this range

**Size:** 3.66 x 5.94 x 1.52 cm (1.44 x 2.34 x 0.6 in.)

**Weight:** 23 g (0.81 oz)

**Environmental rating:** IP50

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

