Call our friendly team on
+44 (0)1243 558270

Tempcon Instrumentation
Ford Lane Business Park
Ford
West Sussex
BN18 0UZ, UK
www.tempcon.co.uk

HOBO UX100-001 USB Temperature Data Logger

Product Images

Short Description

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

Description

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

- Easy-to view LCD display

https://www.tempcon.co.uk/ux100-001-temp-logger-hobo
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- Large memory capacity
- Visual high & low alarm thresholds
- New Burst and Statistics logging modes

Environment:

The Hobo UX100-001 Data Logger is for use in Indoor environments

Replacement for: H08-001-02, U10-001, U12-001

NOTE: HOBO loggers require a USB cable and HOBOware software (free download).

Additional Information

Country of Manufacture	United States
Explanation	The country of origin for this product is the United States. To see the full specifications for this product, please see our product manual found under the documentation tab if available. **Temperature Sensor** **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** **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 **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 The CE Marking identifies this product as complying with all relevant directives in the European Union (EU)
Ideal For	Professional
Brand	Onset HOBO

Onset Product Series	UX100
Typical applications	Building Monitoring, Energy, Environmental (Indoor), Thermal Comfort
Measurements	Temperature

Additional Options

Temperature Calibration Certificate	2 Point Temperature Calibration (0°C / 60°C)
	2 Point Temperature Calibration (please specify temperature points)
	1 Point Temperature Calibration (0°C)
HOBOware Pro Software Options	HOBOware Pro on USB Drive (USB cable included)
	HOBOware Pro on CD (USB Cable Included)
	HOBOware Pro - Download Only (USB cable NOT included)
USB Cable (included with HOBOware Pro on USB Drive & CD)	HOBO U-Series to PC USB Cable