Onset Computer Corporation

HOBO UX100 Temperature Data Logger - UX100-001

Measures:

Temperature

Features:

- 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

Qty	1-9	10-99	100+
$US	$75	$70	$64

Contact Onset at 1-800-564-4377

Description:

The HOBO UX100-001 Temp 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.

Detailed Specifications:

Temperature Sensor

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

Accuracy: Â±0.21Â°C from 0Â° to 50Â°C (Â±0.38Â°F from 32Â° to 122Â°F), see Plot A

Resolution: 0.024Â°C at 25Â°C (0.04Â°F at 77Â°F); see Plot A

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

Drift: <0.1Â°C (0.18Â°F) per year

Logger

Logger Operating Range:
Logging: -20Â° to 70Â°C (-4Â° to 158Â°F); 0 to 95% RH (non-condensing)
Launch/Readout: 0Â° to 50Â°C (32Â° to 122Â°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: Â±1 minute per month at 25Â°C (77Â°F), see Plot B
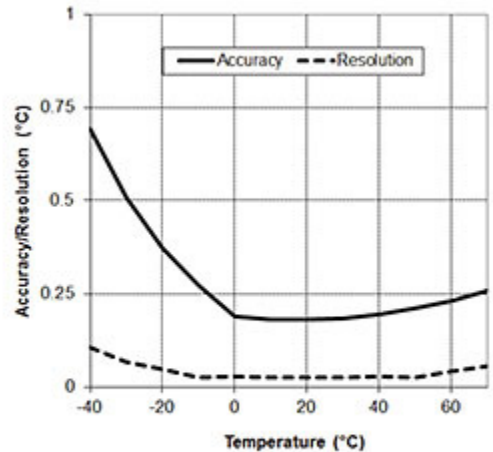
Battery Life: 1 year, typical with logging rate of 1 minute and sampling interval of 15 seconds or greater

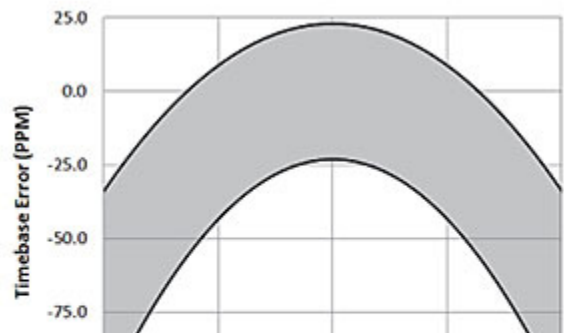**Memory**: 128 KB (84,650 measurements, maximum)

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

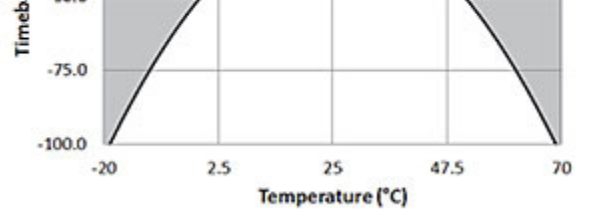Plot A: Temperature Accuracy and Resolution

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)

Plot B: Time Accuracy