

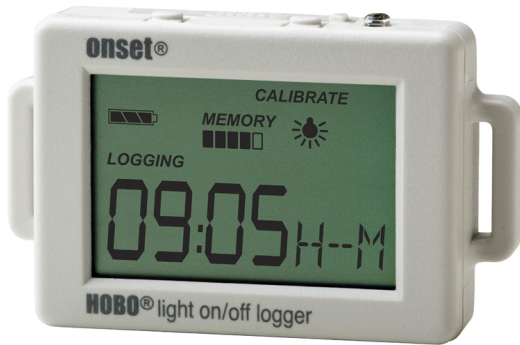
UX90-002

HOBO Light On/Off Data Logger

Monitors indoor light changes with an internal sensor and records light on/off conditions; ideal for building energy audits and light usage analysis.

Important Information

Requires HOBOWare software and a USB cable. (Note: A USB-A to USB-B mini cable is included w/HOBOWare Pro USB Drive software purchase). See compatible items below.



Compatible with
HOBOWare® Software

Supported Measurements

Light

Features

- Auto-calibration of ON and OFF thresholds ensures reliable readings
- User-adjustable sensitivity control for low/high light level conditions
- Highly recommended light pipe accessory eliminates effects of ambient light to ensure the most accurate readings
- Compatible with HOBOWare and HOBOWare Pro software for logger setup and graphing & analysis

What's in the box

- HOBO UX90-002x Light On/Off Data Logger
- Command™ strip
- Double-sided tape
- Hook & loop strap

Contact Us

Sales (8am to 5pm ET, Monday through Friday)

- Email sales@onsetcomp.com
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
- Fax 1-508-759-9100

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470 MacArthur Boulevard
Bourne, MA 02532

Technical Support (8am to 5pm ET, Monday through Friday)

- Contact Product Support www.onsetcomp.com/support/contact
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

HOBO Light On/Off Data Logger (UX90-002) Specifications

Logger

Light Threshold	> 65 lux
Light Type	LED, CFL, fluorescent, HID, incandescent, natural
Start Modes	Immediate, push button, date & time, or next interval
Stop Modes	When memory full, push button, or date & time
Time Accuracy	±1 minute per month at 25°C (77°F) (see Plot A)
Power Source	One 3V CR2032 lithium battery and USB cable
Battery Life	1 year typical use
Memory	UX90-002: 128 KB (84,650 measurements, maximum) UX90-002M: 512 KB (346,795 measurements, maximum)
Download Type	USB 2.0 interface
Full Memory Download Time	10 seconds for 128 KB; 30 seconds for 512 KB
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
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

No category

Memory Modes Wrap when full or stop when full

