

UX90-006

HOBO Occupancy/Light (12m Range) Data Logger

12 Meter Sensor

Monitors room occupancy and indoor light changes to identify occupancy patterns and determine energy usage and potential savings; 12-meter range.

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

- Measures room occupancy up to 12 meters away
- Auto-calibration of ON and OFF thresholds ensures reliable readings
- LCD screen displays signal strength, enabling proper logger placement
- 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 UX90-006 Occupancy/Light 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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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 Occupancy/Light (12m Range) Data Logger (UX90-006) Specifications

Occupancy Sensor

Detection Range	maximum 12 m (39.4 ft)
Detection Performance	102° (±51°) Horizontal; 92° (±46°) Vertical (see Figure B)
Detection Zones	92 (see Figure B)

Light Sensor

Light Threshold	> 65 lux
Light Type	LED, CFL, fluorescent, HID, incandescent, natural

Logger

Memory Modes	Wrap when full or stop when full
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	UX90-006: 128 KB (84,650 measurements, maximum) UX90-006M: 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
Operating Range	Occupancy Sensor Range: 20° to 60°C (-4° to 140°F); 15 to 85% RH (non-condensing)
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 8.48 x 2.87 cm (1.44 x 3.34 x 1.13 in.)
Weight	30 g (1.06 oz)
Environmental Rating	IP50

