

HOBO Time-of-Use Loggers



The HOBO UX90 Series is the industry's lowest-cost, most comprehensive family of "time-of-use" data loggers. The new toolbox suite includes LCD-display data loggers for measuring motor on/off status, electronic pulses, state changes, and occupancy and light use patterns.

Leveraging patent-pending technology, HOBO UX90 data loggers streamline energy audits, and make field deployment fast and reliable.

Accompanying HOBOWare software also reduces deployment time. Time-saving features allow HOBO UX90 users to batch-configure and readout hundreds of loggers in a fraction of the time. Additionally, the software features a Bulk Export feature that allows users to export data files to text format for use in spreadsheets and other programs.

Measurements:

- State, Pulse, Event, Runtime
- Light On/off
- Motor On/off
- Occupancy/Light

Key Advantages:

- LCD displays Time On or % On, providing instant feedback
- Auto-calibration & signal strength indicator ensure proper deployment
- 84k or 346k measurement capacity enables longer deployments with fewer site visits
- Rare Earth Magnets, 3M Command™ Strips, or mounting tabs for reliable mounting
- Flexible logger Start and Stop options
- HOBOWare Pro's time-saving features allow for easy setup of hundreds of loggers



Common Features for HOBO UX90 Series



Sales & Support:
 (435) 755-0774
<http://www.inmtn.com>
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Patented technology (U.S. Patent 6,826,664)

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Specifications

	State	Light On/Off	Motor On/Off	Occupancy/Light	Occupancy/Light
Part number	UX90-001	UX90-002	UX90-004	UX90-005	UX90-006
Memory	84,650 measurements				

Part number	UX90-001M	UX90-002M	UX90-004M	UX90-005M	UX90-006M
Memory	346,795 measurements				

INTERNAL SENSOR

Maximum state, event, runtime frequency	1 Hz	--	--	--	--
Light threshold	--	65 lux	--	65 lux	
Light type	--	LED, CFL, fluorescent, HID, incandescent, natural	--	LED, CFL, fluorescent, HID, incandescent, natural	
AC magnetic field threshold	--	--	> 40 mGauss at 60 Hz	--	--
Maximum sensor detection range	--	--	--	5 m (15.4 ft)	12 m (39.4 ft)

EXTERNAL INPUT

External contact input	solid state closure or logic driven voltage output	--	solid state closure	--	--
Maximum state, event, runtime frequency	1 Hz	--	1 Hz	--	--
Maximum Pulse Frequency	50 Hz	--	--	--	--

Battery life	1 year typical use				
Operating range	-20° to 70°C (-4° to 158°F); 0-95% RH (non-condensing)				
Size	3.66 x 5.94 x 1.52 cm (1.44 x 2.34 x 0.6 in)	3.66 x 8.48 x 1.52 cm (1.44 x 3.34 x 0.6 in)	3.66 x 8.48 x 2.36 cm (1.44 x 3.34 x 0.93 in)	3.66 x 8.48 x 2.87 cm (1.44 x 3.34 x 1.13 in)	
Weight	23 g (0.81 oz)		30 g (1.06 oz)		

Ordering Information

Software

HOBOWare Pro Software (Windows/Mac) BHW-PRO-CD

Sensors

AC Current Switch CSV-A8
 Wattnode kWh transducers TWNB-3x-xxx
 Water Flow Meter Sensor T-MINOL-130

Optional Communications


HOBO U-Shuttle* U-DT-1

Accessories

Voltage Input Cable CABLE-2.5-STERE
 1 ft Fiber Optic Attachment UX90-LIGHT-PIPE-1

*Requires HOBOWare Pro software
 HOBOWare includes USB interface cable





Monitoring & Control Systems

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