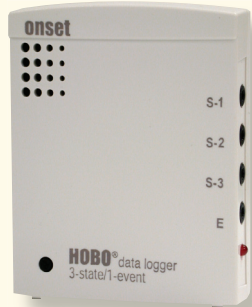


indoor

# HOBO® U11 3-State/1-Event Logger—New!

with Direct USB Interface

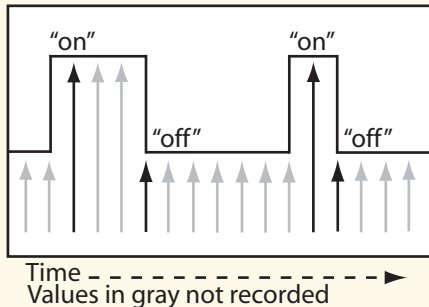


Size/Weight: 5.8 x 7.4 x 2.2 cm  
(2.3 x 2.9 x 0.9")/ 50 g (1.8 oz)

Onset's new U11-001 lets you simultaneously monitor and log state changes in up to three locations plus one time/date-stamped event. The three state and one event channels monitor contact closures or openings driven by external sensors mounted on motors, doors, or other cycling equipment. Contact closures/openings are time and date stamped, and easy-to-use HOBOWare™ (Windows) software provides statistical data such as total % time closed, total % time open, and total number of events. The event channel can be used with tipping-bucket rain gauges and a weather-proof case to monitor total rainfall, or with other sensors to record when momentary events occur.

The U11-001's large, 64K memory lets you log up to 43K time-stamped state changes/events, and direct USB connectivity provides fast data read-out. The U11-001 runs for up to 1 year on a user-replaceable battery.

**State Logging**—records time and duration of state changes



## Features

### Flexible

- 3 channels of state changes and 1 channel of event let you monitor up to 4 locations simultaneously
- Large memory for long-term monitoring
- Accepts state changes/events from standard contacts/relays
- Patented technology (U.S. Patent 6,826,664)

### Reliable Performance

- User-replaceable CR2032 battery lasts 1 year (typical)
- Non-volatile EEPROM memory retains data even if battery fails
- Battery check in software at launch
- Optional logging of battery voltage

## Specifications

State Channels (3) External contact input: Passive relay switch or contact closure—minimum duration 1 second (open or closed)

Event Channel (1) External contact input: Passive relay switch or contact closure—minimum duration 1 second

Operating Range: -20° to 70°C (-4° to 158°F); 0 to 50°C (32° to 122°F) during launch/readout per USB specification; 0 to 95% relative humidity, non-condensing

Capacity: 64K memory; 26K to 43K time-stamped state changes/events (typical, based on event interval)

Maximum total cable run: 32 m (105 ft); if using only state channels, 64 m (210 ft)

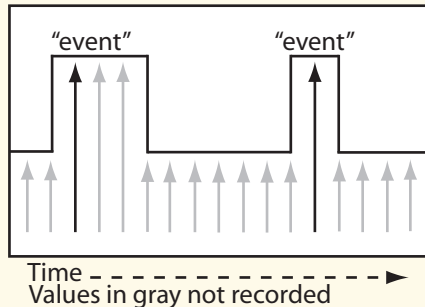
Time Accuracy: +/-1 minute per month at 25°C (77°F)

Battery: CR2032 user-replaceable, 1-year typical life

Weight: 50 g (1.8 oz)

Dimensions: 5.8 x 7.4 x 2.2 cm (2.3 x 2.9 x 0.9 in)

**Event Logging**—records time of event (one direction) but not duration



## AC Current Switch



Onset offers an AC current switch for motor on/off monitoring with state channels. The AC current switch is installed around a current-carrying wire and provides a relay to a state channel indicating equipment on/off. An adjustable threshold provides maximum application flexibility.

Amperage range: 1.25 to 50 Amps continuous  
Sensor supply voltage: induced from monitored conductor, with no external power required  
Isolation: 600 VAC rms (max voltage when monitoring an uninsulated conductor)  
Temperature range: -15° to 60°C (5° to 140°F)  
Status output ratings: N.O. 1.0A @ 30 VAC/DC maximum, not polarity sensitive  
UL listed

## HOBO 3-State/1-Event Logger Ordering

### Description

HOBO 3 State/  
1 Event logger U11-001  
(includes 4 Input cables)

AC Current Switch CSV-A8

HOBOWare™ Starter Kit  
(Windows) BHW-PC

Spare Voltage  
Input Cable CABLE-2.5-STEREO

Compliant with all relevant directives in the European Union (EU)

HOBOWare® for Windows-compatible