

HOBO® UX120 Pulse Logger

Log pulse signals, events, state changes, and runtimes

The HOBO UX120 4-Channel Pulse data logger is a highly versatile, 4-channel energy data logger that combines the functionality of four separate energy loggers into one compact unit. It enables energy management professionals – from energy auditors to building commissioners – to easily track building energy consumption, equipment runtimes, and water and gas flow rates.

Supported Measurements: Pulse Signals, Event, Runtime, State, AC Current, AC Voltage, Amp Hour, Kilowatt Hours, Kilowatts, Motor On/Off, Power Factor, Volt-Amps, Watt Hours, Watts, Volt-Amp Reactive, Volt-Amp Reactive Hour

Key Advantages:

- Simultaneously measures and records pulse signals, events, state changes, and runtimes
- Stores over 4 million measurements, enabling longer deployments with fewer site visits
- Streamlines deployment via range of start/stop options, logger status LEDs, and high-speed USB 2.0 data offload
- Works with Onset's E50B2 Power & Energy Meter to measure Power Factor, Reactive Power, Watt Hours, and more

Minimum System Requirements:



Software



USB cable*



Sensor



► For complete information and accessories, please visit: www.onsetcomp.com

Part number	UX120-017	UX120-017M
Memory	520,000 measurements	4,000,000 measurements
Sampling rate	1 second to 18 hours	
Battery life	1 year typical, user replaceable, 2 AA	
External contact input	Electronic solid state switch closure or logic driven digital signals to 24V	
Max pulse frequency	120 Hz	
Max state, event, runtime frequency	1 Hz	
Resolution	Pulse: 1 pulse, Runtime: 1 second, State and Event: 1 state or event	
Bits	4 - 32 bits depending on pulse rate and logging interval	
Lockout time	0 to 1 second in 100 ms steps	
Operating temperature range	Logging: -40° to 70°C (-40° to 158°F); 0 to 95% RH (non-condensing)	
Dimensions	11.4 x 6.3 x 3.3 cm (4.5 x 2.5 x 1.3 inches)	
CE compliant	Yes	

*USB cable included with software

Contact Us

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

- Email sales@onsetcomp.com
- Call 1-800-564-4377
- Fax 1-508-759-9100

Technical Support

- (8am to 8pm ET, Monday through Friday)
- www.onsetcomp.com/support/contact
- Call 1-877-564-4377