



HOBO UX120-006M 4-Channel Analogue Data Logger

Product Images



Short Description

The HOBO UX120-006M Analog Logger is a high-performance, LCD display data logger for process control and building performance monitoring applications.

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The HOBO UX120-006M Analogue Logger is a high-performance, LCD display data logger for process control and building performance monitoring applications.

This Logger provides twice the accuracy of previous models, a deployment-friendly LCD, and flexible support up to four external sensors for measuring temperature, current, CO2, voltage and more.

Key Features

- Twice the accuracy over previous models with 16-bit resolution
- Flexible support for a wide range of external sensors, including temperature and split-core AC current sensors as well as 4-20 mA and voltage input cables
- LCD confirms logger operation and displays near real-time measurement data
- Provides minimum, maximum, average and standard deviation logging options
- On-screen alarms notify you when a sensor reading exceeds set thresholds
- Stores 1.9 million measurements for longer deployments between offloads.

NOTE: HOBO loggers require a USB cable and [HOBOWare software](#) (free download for Lite version).

Additional Information

Country of Manufacture	United States
Brand	Onset HOBO
Channel(s)	4
Onset Product Series	UX120
Typical applications	Building Monitoring, Building Performance, Datalogging, Energy, Environmental (Indoor), HVAC, Non Specific
Measurements	4-20mA, Air Velocity, CO2, Compressed Air Flow, Current AC, Current DC, Differential Pressure, Kilowatts (kW), Pressure, Temperature, Volatile Organic Comp., Voltage AC, Voltage DC

Additional Options

4-20 mA Input Cable	4-20 mA Input Cable (CABLE-4-20MA)
HOBOWare Pro Software Options	HOBOWare Pro on USB Drive (USB cable included)
	HOBOWare Pro on CD (USB Cable Included)
	HOBOWare Pro - Download Only (USB cable NOT included)
AC Current Sensor	0-20AMP AC Split-Core Current Sensor Transformer (CTV-A)
	0-50AMP AC Split-Core Current Sensor Transformer (CTV-B)
	0-100AMP AC Split-Core Current Sensor Transformer (CTV-C)
	0-200AMP AC Split-Core Current Sensor Transformer (CTV-D)
USB Cable (included with HOBOWare Pro on USB Drive & CD)	HOBO U-Series to PC USB Cable
AC Voltage Transmitter Sensor	ConLab Volt AC Transmitter Sensor (0 to 150 Volts AC) (SKU: T-CON-ACT-150)
	ConLab Volt AC Transmitter Sensor (0 to 300 Volts AC) (SKU: T-CON-ACT-150)
Air Velocity Transducer	TSI 8455 General Purpose Airflow / Air Velocity Transducer (8455)
	TSI 8465 Windowless Airflow / Air Velocity Transducer (8465)
	TSI 8475 Omni-directional Airflow / Air Velocity Transducer (8475)
Carbon Dioxide Sensor (hold down Ctrl key & click to select multiple items)	Telaire 7001i Carbon Dioxide Sensor (TEL-7001)
	Telaire 7001 CO2 Sensor Output Cable - required with CO2 Sensor (CABLE-CO2)
Compressed Air Flow Meter Sensor	Compressed Air Flow Meter Sensor (for 1 inch pipe) (SKU: T-CDI-5200-10S)
	Compressed Air Flow Meter Sensor (for 2 inch pipe) (SKU: T-CDI-5400-20S)
DC Amperage (hold down Ctrl key & click to select multiple items)	Split-Core Bi-Polar DC Transducer (T-VER-971BP-200)
	4-20 mA Input Cable (CABLE-4-20MA)

	Switched AC Power Adapter (P-AC-1)
DC Voltage Input Cable	0 to 2.5 V DC (CABLE-2.5-STEREO)
	0 to 5 V DC (CABLE-ADAP5)
	0 to 10 V DC (CABLE-ADAP10)
	0 to 10 V DC (CABLE-ADAP24)
Differential Pressure (hold down Ctrl key & click to select multiple items)	Differential Air Pressure & Air Velocity Transducer Sensor with LCD Display (T-VER-PX3UL)
	0-5 Volt DC Input Cable (CABLE-ADAP5)
Temperature Sensors	AC Power Adapter for 3rd Party Sensors up to 400mA @12vdc Power (AC-SENS-1)
	Air/Water/Pipe Temperature Sensor - 1ft cable, 0.5 cm x 2.5 cm round probe (TMC1-HD)
	Air/Water/Pipe Temperature Sensor - 6ft cable, 0.5 cm x 2.5 cm round probe (TMC6-HD)
	Air/Water/Pipe Temperature Sensor - 20ft cable, 0.5 cm x 2.5 cm round probe (TMC20-HD)
	Air/Water/Pipe Temperature Sensor - 50ft cable, 0.5 cm x 2.5 cm round probe (TMC50-HD)
	Air/Water/Pipe Temperature Sensor - 6ft cable, plated copper sensor probe (TMC6-HE)
	Stainless Steel Temperature Sensor - 6 ft cable (TMC6-HC)