MX1105

HOBO 4-Channel Analog Data Logger

Bluetooth

Four channel inputs to measure and transmit data wirelessly from chosen sensors to your mobile device or Windows laptop via Bluetooth technology

Important Information
External sensors sold separately. Requires HOBOconnect app and a compatible mobile device or Windows computer. System requirements can be found at the bottom of the HOBOconnect software page.Get cloud storage and access to the powerful tools of LI-COR Cloud™ IoT software! (formerly HOBOlink) Add an MX Data Plan!

Compatible with
HOBOconnect Monitoring App
LI-COR Cloud MX Data Plan

Supported Measurements

4-20mA, AC Current, AC Voltage, Air Velocity, Compressed Air Flow, DC Current, DC Voltage, Differential Pressure, Gauge Pressure, Temperature

Features

- Bluetooth communication for wireless data offload
- 16-bit resolution for highly-accurate measurements
- Stores 1.9 million measurements for longer deployments between offloads
- New Self-Describing sensors with intelligent configuration for fast deployment
- Compatible with existing sensors for a wide range of indoor monitoring
- Audible and visual LCD-screen alarms notify you if a sensor becomes unplugged or a reading exceeds set thresholds

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

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

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Bourne, MA 02532

HOBO 4-Channel Analog Data Logger (MX1105) Specifications

Logger with Cable Type		SD-MA-420 or CABLE-4-20mA	SD-VOLT-2.5 or CABLE-2.5-STEREO	SD-VOLT-05 or CABLE-ADAP5	SD-VOLT-10 or CABLE-ADAP10	SD-VOLT-24 or CABLE-ADAP
Measurement Range		0 to 20.1 mA	0 to 2.5 V	0 to 5.0 V	0 to 10 V	0 V
Accuracy		±0.001 mA ±0.2% of reading	±0.1 mV ±0.1% of reading	±0.2 mV ±0.3% of reading	±0.4 mV ±0.3% of reading	±1 ±0 of re
Resolution		0.3 µA	40 µV	80 µV	160 µV	38
Logger						
Operating Range		-20° to 70°C (-4° to 158°F)				
Radio Power		1 mW (0 dBm)				
Transmission Range		Approximately 30.5 m (100 ft) line-of-sight				
Wireless Data Standard		Bluetooth Low Energy (Bluetooth Smart)				
Logging Rate		1 second to 18 hours				
Logging Modes		Fixed interval (normal, statistics) or burst				
Memory Modes		Wrap when full or stop when full				
Start Modes		Immediate, push button, date & time, or next int				
Stop Modes		When memory full, push button, date & time, or set logging period				
Restart Mode		Push button				
Time Accuracy		±1 minute per month at 25°C (77°F)				
Battery Type		Two AAA 1.5 V alkaline batteries, user replacea				
Battery Life		1 year, typical with logging interval of 1 minute a Bluetooth Always On enabled; 2 years, typical w logging interval of 1 minute and Bluetooth Alway disabled; and temperatures between 0° and 50° and 122°F). Faster logging intervals and statistic sampling intervals, burst logging, remaining con with the app, excessive downloads, and paging impact battery life.				
Memory		4 MB (1.9 million measurements, maximum)				
Full Memory Download Time		Approximately 4 to 15 minutes depending on the mobile device; may take longer the further the d is from the logger				
LCD		LCD is visible from 0° to 50°C (32° to 122°F); th may react slowly or go blank in temperatures ou this range				
Size		11.28 x 5.41 x 2.92 cm (4.44 x 2.13 x 1.15 in.)				

Weight	123 g (4.34 oz)
Environmental Rating	IP54

Description: ce

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The CE Marking identifies this product as complying with all relevant directives in the European Union (EU).

FCC Logo

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Australia/New Zealand General Compliance mark

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Australia/New Zealand General Compliance mark

Image not found or type unknown

South Korea KC Certification for Electrical and Electronic Products

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*Per RH sensor manufacturer data sheet