

NEW! HOBO MX1102 Logger

Bluetooth Smart-enabled CO₂, temperature and relative humidity data logger

Onset's HOBO MX1102 CO₂ logger makes it more convenient than ever to measure and record CO₂ in buildings and other non-condensing environments. It measures CO₂ from 0 – 5,000 parts per million (ppm) – and our free HOBOmobile app allows you to access data right from your mobile phone or tablet within a 100-foot range.

The MX1102 also features a USB port so it can be used with a computer running HOBOWare Pro graphing and analysis software.

Supported Measurements:

CO₂, Temperature, Relative Humidity, Dew Point

Key Advantages:

- Wireless communication via Bluetooth Smart
- Six-month battery life at 5-minute CO₂ logging rate
- Easy to deploy and offload using free HOBOmobile App
- Visual and audible high & low alarm thresholds
- Self-calibrating CO₂ sensor technology ensures optimal accuracy at lower maintenance costs

Minimum System Requirements:



HOBOmobile



Mobile device*



HOBOmobile for Android coming soon!



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

Part number	MX1102
Memory	84,650 Measurements
Logging Rate	1 second to 18 hours
Battery Life	6 months, typical with logging and sampling intervals of 5 minutes or slower; 6 months or less with logging and sampling intervals faster than 5 minutes while logging CO ₂ , user replaceable, 4AA
Dimensions	7.62 x 12.95 x 4.78 cm (3.0 x 5.1 x 1.88 inches)
CO₂	
Range	0 to 5,000 ppm
Accuracy	±50 ppm ±5% of reading at 25°C (77°F), less than 70% RH and 1,013 mbar
Warm-up Time	15 seconds
Calibration	Auto or manual to 400 ppm
Non-linearity	<1% of FS
Temperature	
Range	0° to 50°C (32° to 122°F)
Accuracy	±0.21°C from 0° to 50°C (±0.38°F from 32° to 122°F)
Resolution	0.024°C at 25°C (0.04°F at 77°F)
Response Time	12 minutes to 90% in airflow of 1 m/s (2.2 mph)
Relative Humidity	
Range	1% to 70% RH when CO ₂ sensor is enabled (non-condensing) 1% to 90% RH when CO ₂ sensor is disabled (non-condensing)
Accuracy	±2% from 20% to 80% typical at 25°C (77°F)
Hysteresis	±2% RH
Resolution	0.01% at 25°C (77°F)
Drift	<1% per year typical
Response Time	CO₂ : 1 minute to 90% in airflow of 1 m/s (2.2 mph), Temp : 12 minutes to 90% in airflow of 1 m/s (2.2 mph), RH : 1 minute to 90% in airflow of 1 m/s (2.2 mph)
CE compliant	Yes
Mobile Device Compatibility	iOS 8.0, 8.1, 8.2, 8.3, and Bluetooth 4.0 or later
Bluetooth Compatibility	Bluetooth 4.0 or later (Bluetooth Low Energy, Bluetooth Smart)

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 8pm ET, Monday through Friday)

- Contact Product Support onsetcomp.com/support/contact
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

Onset Computer Corporation
470 MacArthur Boulevard
Bourne, MA 02532