



HOBO® ZW-008-EU Data Logger

data node – 4 External Channels

EU version - For a non-CE compliant version of this product see the ZW-008

The HOBO® ZW-008-EU is a 4-channel wireless data node featuring two analog ports and two pulse input ports. It wirelessly transmits data in real time, reducing the costs and inconvenience associated with manual data offload.

Supported Measurements:

4-20mA, AC Current, AC Voltage, Air Velocity, Carbon Dioxide, Compressed Air Flow, DC Current, DC Voltage, Differential Pressure, Gauge Pressure, Kilowatt Hours (kWh), Kilowatts (kW), Pulse Input, Temperature, Volatile Organic Comp. and Water Flow

Key Advantages:

- Wirelessly transmits real-time data
- Compact size for easy deployment wherever data is needed
- Accepts a wide range of external energy and environmental sensors
- Notifies you of alarm conditions via email or text messages
- Onboard buffer memory helps prevent data loss
- Powerful HOBOWare® Pro software for organizing and viewing data (included with HOBO data receiver)

A complete system requires at least one wireless HOBO data node, HOBO data receiver (ZW-RCVR), and HOBOWare Pro software (included with ZW-RCVR). Depending on your system deployment, a HOBO data router (ZW-ROUTER) may be required.



HOBO ZW-008-EU Data Logger Specifications

Buffer memory: approx. 3k measurements

Sample rate: 1 min to 18 hrs

Transmission rate: 2 min and greater

Power options:

AC power adapter, battery backup

Measurement range:

Analog channels: 0 to 2.5 Vdc; 0 to 5 Vdc (w/CABLE-ADAP5); 0 to 10 Vdc (w/ CABLE-ADAP10); 4-20 mA (w/CABLE-4-20mA)

Pulse channel: (w/CABLE-2.5-STEREO)0 to 65,535 pulses per logging interval

Accuracy:

Analog: ± 1.544 mV plus 2 % (typical)

Operating Range:

Temp: -20 to 50°C (-4 to 122°F) when battery powered, -20 to 70°C (-4 to 158°F) when line powered.

RH: 5%-95% non-condensing

Resolution:

Analog channel: 0.6 mV

Response Time:

Dependent on sensor

Range:

Approx. 100m (300ft.) depending on obstructions or interference

Weight: 138g (4.87 oz) with batteries

Dimensions: 96.5 x 108 x 28mm (3.8 x 4.25x 1.1 in)

Radio Power: 1.6 mW (2 dBm)

Wireless data Standard: IEEE802.15.4 2.4 GHz band

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 www.onsetcomp.com/support/contact
- ▶ Call 1-508-759-9500
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