



HOBO® ZW-006 Data Logger

Four Analog Port Data Node

The HOBO® ZW-006 is a 4-channel wireless data node with four analog 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, Kilowatts (kW) and Temperature



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-006 Data Logger Specifications

Buffer memory: 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)

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: 0.6mV

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

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

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
- ▶ In U.S. toll free 1-877-564-4377

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