

W-REPEATER

## HOBOnode Wireless Repeater

Discontinued

HOBOnode wireless repeater for extending the transmission range of HOBOnode wireless sensors. Easy to deploy wireless repeater for HOBOnode wireless systems



### Features

- Repeater receives sensor data and transmits to receiver at PC or another repeater.
- Repeater to Receiver or another repeater 1.6 km (1 mile) with clear line-of-sight. Any obstructions such as vegetation or walls will reduce range significantly.
- Integrated solar panels and battery power
- Complete system requires: Receiver, Sensor, HOBOnode Viewer software. A Repeater is required for greater distances.(all sold separately)
- Includes bracket for convenient mounting on pole or wall

### Contact Us

Sales (8am to 5pm ET, Monday through Friday)

- Email [sales@onsetcomp.com](mailto:sales@onsetcomp.com)
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
- Fax 1-508-759-9100

Onset Computer Corporation  
470 MacArthur Boulevard  
Bourne, MA 02532

Technical Support (8am to 5pm ET, Monday through Friday)

- Contact Product Support [www.onsetcomp.com/support/contact](http://www.onsetcomp.com/support/contact)
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

## HOBOnode Wireless Repeater (W-REPEATER) Specifications

- **Transmission range** - Repeater to Receiver or another repeater 1.6 km (1 mile) with clear line-of-sight. Any obstructions such as vegetation or walls will reduce range significantly.
- **Wireless Data Standard** - IEEE 802.15.4, in the 2.4 GHz ISM band - [Click here for local RF Regulation Compliance](#)
- **Environmental rating** - NEMA 4X
- **Operating range** - Standard range: -20° to +50°C (-4° to 122°) - With optional Lithium batteries: -40° to +50°C (-40° to 122°F)
- **Max. Number of Repeaters in a series**- 4
- **Max. Number of HOBOnodes and Repeaters** - 50
- **Repeater Battery Life:** 1 yr typical w/o charging (6 months w/>25 HOBOnodes); 2 yrs typical w/ solar charging
- **Repeater Dimensions:** 43 cm (17") omni-directional antenna, 30cm x 40cm (12" x 16") directional antenna, 8.9 x 11.4 x 5.4 cm (35 x 4.5 x 2.2") enclosure
- **NOTE:** Repeater is not CE compliant
- **Setup/Installation:**
  - recommend 2m Tripod with Mast ([M-TPB](#)) and ¼" Stake Kit ([M-SKB](#))
  - for windy locations or sites with soft soil we also recommend our Guy Wire Kit ([M-GWA](#)) and ½" Stake Kit ([M-SKA](#))
  - **NOTE: A grounding kit ([M-GKA](#)) is required for installation in a field.**