

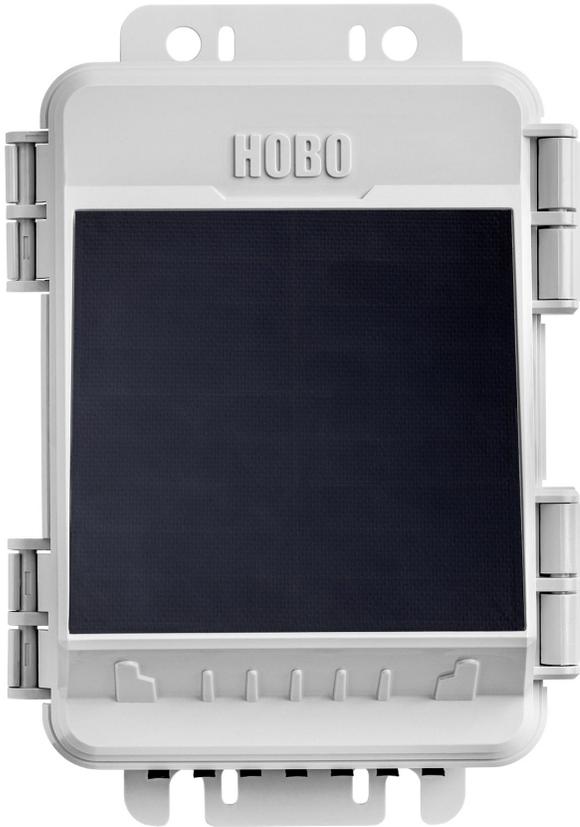
## HOBOnet<sup>®</sup> Analog Mote

### Connects 3rd Party sensors to HOBOnet remote monitoring system

Expand the versatility of your HOBOnet remote monitoring system with this analog mote, featuring four analog inputs that seamlessly integrate your preferred sensors and support excitation power, scaling, and averaged measurements.

#### Important Information

A complete system requires at least one HOBOR RX3000 Remote Monitoring Station, a HOBOnet Wireless Manager, and a HOBOnet Wireless Sensor, OR one HOBOR MicroRX Station (which has an integrated HOBOnet Wireless Manager) and a HOBOnet Wireless Sensor. HOBOnet Wireless Repeaters (RXW-RPTR-xxx or RXW-RPTR-B-xxx) can be added to extend the range.



### Features

- Enables integration with HOBOnet system, which streamlines deployment, provides alarm notifications, connects to LI-COR Cloud monitoring platform's robust tools, and more
- Supports and connects up to four analog sensors, with an ability to swap or replace sensors
- Delivers high 15-bit resolution and accuracy
- Offers versatile sensor compatibility with eight voltage input ranges up to 20.48V
- Allows configuration for scaled parameters
- Provides ability to enable sampling
- Reliable power sources from integrated solar panel for battery recharge as well as AC power

### 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

## HOBOnet® Analog Mote (RXW-ANA) Specifications

### Sensor

<b>Input Channels</b>	Four, single-ended
<b>Measurement Range &amp; Accuracy</b>	0 – 25.6mA, +/-5uA +/-0.20% of reading 0 to 160mV, +/-2mV +/-0.25% of reading 0 to 320mV, +/-1mV +/-0.25% of reading 0 to 640mV, +/-0.5mV +/-0.25% of reading 0 to 1.28V, +/-0.25mV +/-0.25% of reading 0 to 2.56V, +/-0.25mV +/-0.25% of reading 0 to 5.12V, +/-0.25mV +/-0.25% of reading 0 to 10.24V, +/-0.25mV +/-0.25% of reading 0 to 20.48V, +/-0.25mV +/-0.25% of reading
<b>Resolution</b>	15-bits
<b>Field Wiring</b>	Two or three wires via screw terminals, 16-24AWG
<b>Minimum/Maximum Input Voltage</b>	0/20.48V
<b>Minimum/Maximum Input Current</b>	0/25.6mA
<b>Minimum Source Resistance for Current Measurement</b>	20Kohms
<b>Excitation Voltage</b>	12VDC +/-5% at 200mA