

RXW-ANA-900 • RXW-ANA-868 • RXW-ANA-922 • RXW-ANA-921

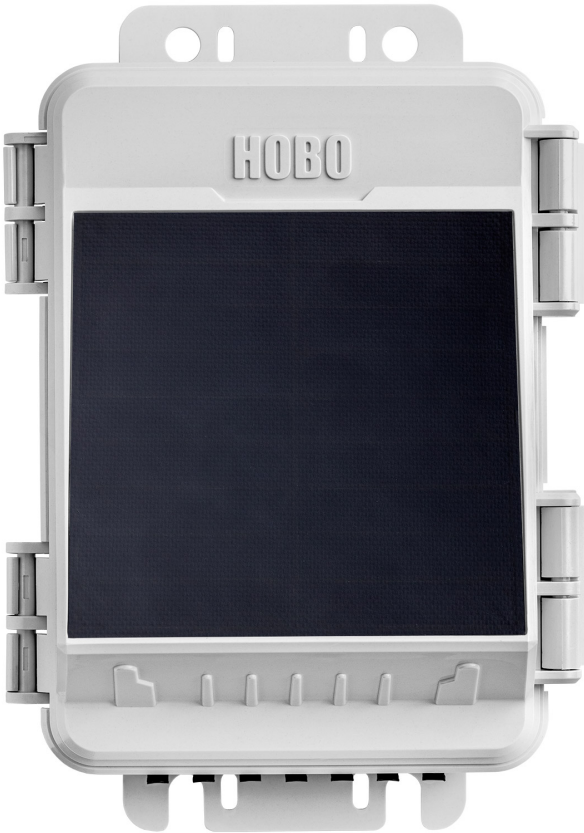
HOBOnet[®] Analog Mote

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 HOBOb RX3000 Remote Monitoring Station, a HOBOnet Wireless Manager, and a HOBOnet Wireless Sensor, OR one HOBOb 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

HOBOnet® Analog Mote (RXW-ANA) Specifications

Sensor

Input Channels	Four, single-ended
Measurement Range & Accuracy	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
Resolution	15-bits
Field Wiring	Two or three wires via screw terminals, 16-24AWG
Minimum/Maximum Input Voltage	0/20.48V
Minimum/Maximum Input Current	0/25.6mA
Minimum Source Resistance for Current Measurement	20Kohms
Excitation Voltage	12VDC +/-5% at 200mA