



RXW-LIA-900 • RXW-LIA-868 • RXW-LIA-922 • RXW-LIA-921

HOBOnet ?????????

??HOBOnet RX3000?HOBOnet MicroRX????????????????

Important Information

????????????????HOBOnet RX3000 ?????????HOBOnet ?????????HOBOnet ?????????
HOBOnet MicroRX ?????HOBOnet ?????????HOBOnet ?????HOBOnet ?????RX-
RPTR-xxx?RXW-RPTR-B-xxx????????

Supported Measurements

???, ??????

Features

?????

- ??????0?2500???/???/?????400?700??
- ?????????????????

????

- 900 MHz ?????????
- ???450?600??1,500?2,000?????5?
- ?? HOBOnet RX ?????50?????336????
- ????????? HOBOnet ????
- ?????????
- ???AA????????

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

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Technical Support (8am to 5pm 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

HOBOnet ????????? (RXW-LIA-xxx) Specifications

???	
????	0 to 2500 ?mol/m2/sec, wavelengths 400 to 700 nm
???	±5 ?mol/m2/sec or ± 5%, whichever is greater in sunlight; Additional temperature induced error ±0.75 ?mol/m2/sec/°C from 25°C (0.42 ?mol/m2/sec/°F from 77°F)
????	Cosine corrected 0 to 80 degrees from vertical; Azimuth Error <2% error at 45 degrees from vertical, 360 degree rotation
??	2.5 ?mol/m2/sec
??	<±2% per year
????	
??????	-25° to 60°C (-13° to 140°F) with rechargeable batteries -40 to 70°C (-40 to 158°F) with lithium batteries
?????	12.6 mW (+11 dBm) non-adjustable
????	Reliable connection to 457.2 m (1,500 ft) line of sight at 1.8 m (6 ft) high Reliable connection to 609.6 m (2,000 ft) line of sight at 3 m (10 ft) high
??????	IEEE 802.15.4
???????	RXW-LIA-900: 904-924 MHz RXW-LIA-868: 866.5 MHz RXW-LIA-922: 916-924 MHz RXW-LIA-921: 921 MHz
?????	???????? (????????)
????	Up to 250 kbps, non-adjustable
???	<1%
??????	Up to 50 wireless sensors or 336 data channels per one HOBO RX station
??????	1 minute to 18 hours
??????	2
????/??	Two AA 1.2V rechargeable NiMH batteries, powered by built-in solar panel or two AA 1.5 V lithium batteries for operating conditions of -40 to 70°C (-40 to 158°F)
??????	With NiMH batteries: Typical 3-5 years when operated in the temperature range -20° to 40°C (-4°F to 104°F) and positioned toward the sun (see Deployment and Mounting), operation outside this range will reduce the battery service life With lithium batteries: 1 year, typical use
??	16 MB
??	Sensor: 4.1 cm height x 3.2 cm diameter (1.61 x 1.26 inches) Cable length: 2 m (6.56 ft) Mote: 16.2 x 8.59 x 4.14 cm (6.38 x 3.38 x 1.63 inches)
??	Sensor and cable: 109 g (3.85 oz) Mote: 223 g (7.87 oz)
??	Sensor: Anodized aluminum housing with acrylic diffuser and O-ring seal Mote: PCPBT, silicone rubber seal
????	Sensor: Weatherproof Mote: IP67, NEMA 6

