



RXW-UCC-900 • RXW-UCC-868 • RXW-UCC-922 • RXW-UCC-921

HOBOnet ???? - ???????

HOBOnet??

Important Information

????????????FET????????????CMOS????????????????HOBO RX3000?????????
HOBOnet????????HOBOnet????????HOBO MicroRX????HOBOnet?????????
HOBOnet????HOBOnet???? (RXW-RPTR-xxx?RXW-RPTR-B-xxx)?????????

Supported Measurements

????

Features

?????

- ?????? 120 Hz??? 120 ???
- ????????? CMOS ??????

????

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

What's in the box

- HOBOnet ???? - ???????
- ??????????

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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Bourne, MA 02532

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-UCC-xxx) Specifications

???	
??????	120 Hz (120 pulses per second)
????	0-65,533 pulses per logging interval
??	1 pulse
????	45 μ s $\pm$ 10%
???????	Mechanical contact closure (example: reed switch in a tipping-bucket rain gauge)
??????*	Active low input
????	Falling edge, Schmitt Trigger buffer (logic levels: low =2.7 V)
??????	1 ms
??/????	100 K Ω
??????	3.3 V
??????	3.6 V
????	24 AWG wires, 2 leads: white(+), black(-)
????	
??????	-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-UCC-900 and RXW-UCD-900: 904-924 MHz RXW-UCC-868 and RXW-UCD-868: 866.5 MHz RXW-UCC-921 and RXW-UCD-921: 921 MHz RXW-UCC-922 and RXW-UCD-922: 916-924 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 1.2 V 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
??	Cable length: 6.5 m (21.3 ft.) Mote: 16.2 x 8.59 x 4.14 cm (6.38 x 3.38 x 1.63 inches)
??	Cable: 250 g (9 oz) Mote: 223 g (7.87 oz)
??	Mote: PCPBT, silicone rubber seal
????	Mote: IP67, NEMA 6

