



RXW-SMD-900 • RXW-SMD-868 • RXW-SMD-922 • RXW-SMD-921

HOBOnet????10HS???

????????ECH2O™ 10HS????????????????????HOBO RX3000?HOBO MicroRX??

Important Information

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

Supported Measurements

???

Features

????

- ???????±3%??????±2%
- ??1????????
- ???70 MHz????????

???

- 900 MHz ?? mesh ?????
- 450 ? 600 ??1,500 ? 2,000 ?????
- ?? HOBO 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

HOBOnet10HS (RXW-SMD-xxx) Specifications

	RXW-SMC-xxx	RXW-SMD-xxx
Flow	0.550 m³/m³	0.570 m³/m³
Accuracy	-0.401 ? 2.574 m³/m³	-0.659 ? 0.6026 m³/m³
Resolution	±0.031 m³/m³ ±3.1% 8 dS/m 0 ? 50°C 32° 122°F ±0.020 m³/m³ ±2%	±0.033 m³/m³ ±3.3% 10 dS/m 0 ? 50°C 32° 122°F ±0.020 m³/m³ ±2%
Drift	0.0007 m³/m³ 0.07%	0.0008 m³/m³ 0.08%
Response Time	0.3 ? 10.14 ?	1 ? 33.81 ?
Frequency	70 MHz	70 MHz
METER		
ECH2O	EC-5	10HS
Operating Temperature	0° 50°C 32° 122°F -40°C / F	0° 50°C 32° 122°F -40°C / F
Storage Temperature	-25° ? 60°C (-13° ? 140°F)	-40° ? 70°C (-40° ? 158°F)
Power Consumption	12.6 mW (+11 dBm)	
Operating Voltage	1.8 ? (6 ?) 457.2 ? (1,500 ?) 3 ? (10 ?) 609.6 ? (2,000 ?)	
Protocol	IEEE 802.15.4	
Frequency Range	RXW-SMC-900 and RXW-SMD-900: 904-924 MHz RXW-SMC-868 and RXW-SMD-868: 866.5 MHz RXW-SMC-921 and RXW-SMD-921: 921 MHz RXW-SMC-922 and RXW-SMD-922: 916-924 MHz	
Modulation	FSK (GFSK)	
Bit Rate	250 kbps	
Linearity	<1%	
Operating Current	50 ? 336 ?	
Operating Voltage	1 ? 18 ?	
Operating Temperature	2	
Operating Voltage	AA 1.2V AA 1.5 V -40° ? 70°C (-40° ? 158°F)	
Operating Temperature	-20° ? 40°C (-4°F ? 104°F) 3-5	
Memory	16 MB	
Dimensions	RXW-SMC-xxx : 89 x 15 x 1.5 mm (3.5 x 0.62 x 0.06 in.) RXW-SMD-xxx : 160 x 32 x 2 mm (6.5 x 1.25 x 0.08 in.) 5 m (16.4 ft) Mote: 16.2 x 8.59 x 4.14 cm (6.38 x 3.38 x 1.63 inches)	
Weight	RXW-SMC-xxx : 180 grams (6.3 oz) RXW-SMD-xxx : 190 grams (6.7 oz) Mote: 223 g (7.87 oz)	
Material	PCPBT	
IP Rating	IP67, NEMA 6	

?1?(RXW-SMC-xxx ? RXW-SMD-xxx)
??"?????"???

?? ?2?(RXW-SMC-xxx) ????????????????????? ±0.03 m³/m³???? ±0.02 m³/m³???? 25°C (77°F) ???
±0.001 m³/m³ ????????????????????? ±0.003 m³/m³ / °C???? <0.001 m³/m³ /
°C????????????????????

?3?(RXW-SMC-xxx) ??? (RFI) ??? IEC 61000-4-3 ? IEC
61000-4-6 ????????????????????? 0.061 m³/m³?? 70 MHz ????? 3 V/m ????????????????????????????? RFI
????????????????????????????????

?4?(RXW-SMD-xxx) ????????????????????? ±0.03 m³/m³???? ±0.02 m³/m³???? 25°C (77°F) ???
±0.003 m³/m³ ????????????????????? ±0.003 m³/m³ / °C???? <0.001 m³/m³ /
°C????????????????????

?5?(RXW-SMD-xxx) ??? (RFI) ??? IEC 61000-4-3 ?
IEC 61000-4-6 ????????????????????????????? 150 KHz ? 1000 MHz ????? 3 V/m
???????????????????????????? RFI ?????????????????????????????????????