



RXW-SMC-900 • RXW-SMC-868 • RXW-SMC-922 • RXW-SMC-921

HOBOnet????EC-5???

?????????ECH2O™ EC5????????????????????????????????????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%
- ??0.3????????????????????
- ???70 MHz????????????????????

?????

- 900 MHz?? mesh ??????
- 450?600??1,500?2,000?????????5?
- ?? 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

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

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HOBOnetEC-5 (RXW-SMC-xxx) Specifications

	RXW-SMC-xxx	RXW-SMD-xxx
Capacity	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% 0 ? 50°C32° ? 122°F 8 dS/m ±0.020 m³/m³±2% 2	±0.033 m³/m³±3.3% 0 ? 50°C32° ? 122°F 10 dS/m ±0.020 m³/m³±2% 4
Linearity	0.0007 m³/m³0.07%	0.0008 m³/m³0.08%
Response Time	0.3 ?10.14	1 ?33.81
Frequency	70 MHz	70 MHz
METER		
ECH2O	EC-5	10HS
Operating Temperature	0° ? 50°C32° ? 122°F -40°C/F	0° ? 50°C32° ? 122°F -40°C/F
Power Consumption	-25° ? 60°C (-13° ? 140°F)	
	-40° ? 70°C (-40° ? 158°F)	
Power	12.6 mW (+11 dBm)	
Frequency	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		
Throughput	250 kbps	
Accuracy	<1%	
Range	50 ? 336	
Antenna	1 ? 18	
Channels	2	
Voltage	1.2V 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	
Protection	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 ???