



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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HOBOnet????EC-5??? (RXW-SMC-xxx) Specifications

	RXW-SMC-xxx	RXW-SMD-xxx
????	????0 ? 0.550 m³/m³???????	????0 ? 0.570 m³/m³???????
????	-0.401 ? 2.574 m³/m³?????1	-0.659 ? 0.6026 m³/m³?????1
???	±0.031 m³/m³?±3.1%????????? 0 ? 50°C?32° ? 122°F????????? 8 dS/m ?????????????????? ±0.020 m³/m³?±2%??????2??3	±0.033 m³/m³?±3.3%????????? 0 ? 50°C?32° ? 122°F????????? 10 dS/m ?????????????????? ±0.020 m³/m³?±2%??????4??5
???	0.0007 m³/m³?0.07%?	0.0008 m³/m³?0.08%?
????	0.3 ???10.14 ???	1 ???33.81 ???
?????	70 MHz	70 MHz
METER		
ECH2O	EC-5	10HS
?????		
??????????	0° ? 50°C?32° ? 122°F???????????????????????? - 40°C/F????????????????????????????????????	0° ? 50°C?32° ? 122°F???????????????????????????? - 40°C/F?? - 50°C?122°F????????????????????

??????

??????	-25° ? 60°C (-13° ? 140°F)????????? -40° ? 70°C (-40° ? 158°F)???????
?????	12.6 mW (+11 dBm) ?????
?????	? 1.8 ? (6 ??) ?????????????? 457.2 ? (1,500 ??) ? 3 ? (10 ??) ?????????????? 609.6 ? (2,000 ??)
???????	IEEE 802.15.4
????????	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
??????	????????? (?????????)
?????	?? 250 kbps?????
???	<1%
???????	?? HOB0 RX ???? 50 ??????? 336 ??????
???????	1 ??? 18 ??
???????	2
?????/??	?? 1.2V ?????????????????????????????? 1.5 V ??????? -40° ? 70°C (-40° ? 158°F) ?????
???????	???????? ? -20° ? 40°C (-4°F ? 104°F) ?????????????????????????????? 3-5 ?????????????????????? ?????? 1 ????????
??	16 MB
??	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)
??	RXW-SMC-xxx ??????: 180 grams (6.3 oz) RXW-SMD-xxx ??????: 190 grams (6.7 oz) Mote: 223 g (7.87 oz)
??	???????? Mote: PCPBT, ??????
?????	Mote: 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 ???