



RX2105

MicroRX ?????

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Important Information

??RX????LI-COR??



Compatible with
LI-COR Cloud® ?????

Supported Measurements

4-20??, ???, ????, ??? (Ah), ?? (A), ????, ??, ???kWh?, ?? (kW), ???, ??? (PF), ???, ???, ??, ???, ?????, ?? (VA), ?? (V), ??, ?? (Wh), ?? (W)

Features

- ?????HOBOnet?????
- ?????50????600????
- ??????
- ?????AA?????
- ??LCD?????
- ??4G????10???
- ??HOBOLink?????
- ?????U???

What's in the box

- HOBO RX2105 MicroRX?
- ???
- ??
- ?????
- ??
- ?????
- ??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

Onset Computer Corporation
470 MacArthur Boulevard
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

MicroRX ???? (RX2105) Specifications

?	
????	RX2105: -40°?60°C (-40????140???)
????????	5
????????????	100 m (328 ft) maximum
????????	Maximum of 15 (some smart sensors use more than one data channel; see sensor manual for details)
??????	1 minute to 18 hours
????	±8 seconds per month in 0° to 40°C (32°F to 104°F) range; ±30 seconds per month in -40° to 60°C (-40° to 140°F) range
????/??	RX2105: AC power adapter (P-AC-1) and 6 AA 1.5 V lithium batteries
????/??	RX2105: Runs continuously with the included AC adapter. Batteries can be used as a backup to AC power; battery life of 3 months with 1 minute logging and daily connections or 2 months with 1 minute logging and hourly connections, and with approximately 10 motes. Note: Deployments in areas with weak cellular strength could reduce battery life.
??????	Logging interval plus 2-4 minutes, typical
????	Hinged door secured by two latches with eyelets for use with user-supplied padlocks
?????	LCD is visible from 0° to 50°C (32° to 122°F); the LCD may react slowly or go blank in temperatures outside this range
??	Outer enclosure: Polycarbonate/PBT blend with brass inserts; Interior: Polycarbonate/PBT; Gasket: Silicone foam; Cable channel: Santoprene™ TPE; U-Bolts (not included): Steel with zinc dichromate finish
??	19.95 x 13.68 x 7.49 cm (7.85 x 5.39 x 2.95 in.); see diagrams at left
??	678? (23.9??)
??	Optional U-bolts are compatible with masts up to 4.14 cm (1.63 in.) mast diameter; can also be mounted with zip ties or mounted to a flat surface with screws
????	??????NEMA 4X ? IP66 (???????????)
?????	GSM/GPRS/EDGE: Quad band 850/900/1800/1900 MHz UMTS/HSPA+: Seven band 800/850/900/1800/1900/2100 MHz LTE: Twelve Band 700/800/850/900/1800/1900/2100/2600 MHz
??	4G LTE
??	

????	-25°?60°C (-13????140???)
?????	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 (2000 ft) line of sight at 3 m (10 ft) high
??????	IEEE 802.15.4
???????	RX210x-922: 916â??924 MHz RX210x-921: 921 MHz RX210x-900: 904-924 MHz RX210x-868: 866.5 MHz
?????	????????? (?????????)
????	Up to 250 kbps, non-adjustable
???	<1%
???????	50 motes per one HOBOnet wireless sensor network
??	Powered by the station
??	Mote: 16.2 x 8.59 x 4.14 cm (6.38 x 3.38 x 1.63 inches) Cable length: 2 m (6.56 ft)
??	159? (5.62 ??)
??	PCPBT, silicone rubber seal
????	IP67, NEMA 6

