BLE connected IN/out thermometer

Model: EMR211

User Manual

EN

INTRODUCTION

Thank you for selecting our Oregon Scientific™ Weather@Home Bluetooth-enabled Thermometer. which has changeable display on indoor and outdoor temperature.

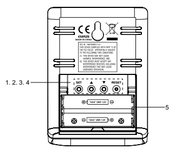
NOTE Please keep this manual handy as you use your new product. It contains practical step-by-step instructions, as well as technical specifications and warnings you should know about.

OVERVIEW

FRONT VIEW

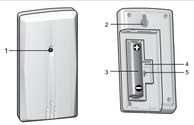
1. Outdoor temperature reading (°C/°F)
2. Sensor channel indicator
3. : Sensor reception indicator
4. : outdoor remote sensor battery low
5. Indoor temperature reading (°C/°F)
6. : indoor remote sensor / main unit battery low
7. : BLE connection indicator
8. Ice alert LED indicator

REAR VIEW



1. **SET**: select temperature unit (°C/°F); pair up Bluetooth function
2. ▲: select outdoor channels (1-5); search remote sensor
3. ▼: select outdoor channels (1-5); auto-scan among sensors
4. **RESET**: reset the unit to default settings
5. Battery compartment

REMOTE SENSOR (THN132N)



1. LED status indicator
2. Wall mount hole
3. Battery compartment
4. **RESET** hole
5. **CHANNEL** switch

REFERENCE Other supported sensors include models: THN132N, THGN328N, THGR328N, BTH sensor, THN318N.

GETTING STARTED

INSERT BATTERIES

1. Remove the battery compartment.
2. Insert the batteries, matching the polarities (+/-).
3. Press **RESET** after each battery change.

LOCATION	MEANING
Outdoor temperature area	Outdoor sensor batteries low
Indoor temperature area	Indoor sensor batteries low / main unit batteries low

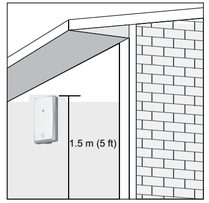
REMOTE SENSOR

The main unit can collect data from up to 5 sensors.

To set up the sensor:

1. Open the battery compartment.
2. Select a channel then press **RESET**.
3. Close the battery door.
4. Place the sensor within 98 ft (30 m) of the main unit using the table stand or wall mount.

TIP Ideal placements for the sensor would be in any location on the exterior of the home at a height of not more than 5 ft (1.5 m); and can shield it from direct sunlight or wet conditions for an accurate reading.



NOTE Use alkaline batteries for longer usage and consumer grade lithium batteries in temperatures below freezing.

SENSOR DATA TRANSMISSION

To search for a sensor:

1. Press ▲ or ▼ to select among 5 different outdoor channels of remote sensors.
2. Press and hold ▲ for 2 seconds to enforce researching for the selected sensor.

To auto-scan among sensors:

- Press and hold ▼ for 2 seconds to enable auto-scan function for all 5 channels. The temperatures will be displayed automatically in sequential order(Channel 1,2,3,4,5)

The sensor reception icon at the front of the main unit shows the status:

ICON	DESCRIPTION
OUT OUT	Main unit is searching for sensor(s).
OUT OUT OUT OUT	A channel has been found.
OUT	The sensor cannot be found.

TIP The transmission range may vary depending on many factors. You may need to place the sensor(s) in different locations to get the best result(s).

TEMPERATURE

To select temperature unit:

- Press **SET** to select **°C** or **°F** for temperature readings.

ICE WARNING

ICE ALERT If the channel 1 sensor falls from 37°F to 28°F (3°C to -2°C), LED indicator in the front of the main unit will flash continuously, and will stop flashing once the temperature is out of this range.

- Press ▲ and ▼ at the same time to deactivate the ice alert warning.
- The ice alert warning will be disable/enabl again when the temperature falls again from 37°F to 28°F (3°C to -2°C).

NOTE As ice alert is only applicable to channel 1, to prevent flashing of LED, select channel 2-5 on outdoor sensor.

RESET

Press **RESET** at the rear of the main unit to return to the default settings.

CONNECT WITH YOUR MOBILE DEVICE

You can remotely set the thermometer and read the weather information through Bluetooth 4.0 using your mobile device with the downloaded application from the Apple Store. To quickly find the application, type 'Weather@Home' as keyword in the search engine.

Ensure your mobile device is compatible with iOS 5 or Android 4.3 with Bluetooth®v4.0.

PAIRING YOUR THERMOMETER

First of all, you need to pair your thermometer with your mobile device. will flash on the screen of the weather station while pairing and be on after successful pairing.

To pair up a sensor:

At the rear of the main unit, press and hold SET for 2 seconds to enable a pair-up for the main unit.

1. Tap to enter **SETTINGS** screen.
2. Tap on **STATION** area.
3. Tap **Pair Up. Searching...** displays. If you want to cancel the pairing, tap **Cancel**.
4. Once the pairing is successful, it will return to **STATION** screen.
5. Tap on each channel to rename it. (Up to 20 characters including space are allowed). Tap Done if completed. Tap to exit.

To remove sensor:

To remove any sensor from the weather station, Tap **Remove station** on **STATION** screen, all the sensors will be removed at the same time.

To reposition the sensors on screen:

1. On **STATION** screen, tap .
2. Press and hold at the right side of a sensor. Drag it to your desired position.
3. Tap to confirm.

SETTINGS

You can set your weather station through the application, such as measurement units.

The settings are as follows:

- Temperature
- Barometric (not available in EMR211)
- Rainfall (not available in EMR211)
- Wind speed (not available in EMR211)
- Altitude (not available in EMR211)
- Show unavailable sensor
- Automatically sync time
- Show Sea Level Pressure (not available in EMR211)

To select the measurement unit:

1. Tap to view the measurement unit options.
2. Tap on your desired unit.
3. Tap to go back to the previous screen.

VIEW CURRENT READINGS

You can directly view all the temperature readings from different sensors through the application at a time. The readings are in the **HOME** screen.

NOTE If low battery icon displays on the screen, please replace the batteries for the corresponding device.

To show unavailable sensor:

If the sensor is out of range, the readings are interrupted and **- -** (dash mode) displays on the screen. If you do not want to show the unavailable sensor:

- On **SETTINGS** screen, touch and slide the button to right to turn on the function, or sliding to left to turn it off.

To automatically synchronize time:

Time and date on your weather station could be automatically synchronized by your mobile device.

- On **SETTINGS** screen, touch and slide the button to right to turn on the function, or sliding to left to turn it off.

VIEW HISTORY READINGS

You can view history through the application. The history could also be presented in graphs (past 24 hours or past 7 days).

To view the history:

1. Tap on your desired sensor area on the screen.
2. Tap , , or to select your desired data or tap to sort the data by date.

OPTIONAL SENSOR FOR ADDITIONAL INFORMATION

By applying the sensor (Model: BTH Sensor) at the same time, you can also view the following information using your mobile device.

- Weather Forecast
- Air Pressure
- Outdoor Humidity

USEFUL REFERENCE The optional sensor (Model: BTH Sensor) can be purchased from Oregon Scientific.

PRECAUTIONS

- Do not subject the unit to excessive force, shock, dust, temperature or humidity.
- Do not cover the ventilation holes with any items such as newspapers, curtains etc.
- Do not immerse the unit in water. If you spill liquid over it, dry it immediately with a soft, lint-free cloth.
- Do not clean the unit with abrasive or corrosive materials.
- Do not tamper with the unit's internal components. This invalidates the warranty.
- Only use fresh batteries. Do not mix new and old batteries.
- Images shown in this manual may differ from the actual display.
- When disposing of this product, ensure it is collected separately for special treatment and not as household waste.
- Placement of this product on certain types of wood may result in damage to its finish for which Oregon Scientific will not be responsible. Consult the furniture manufacturer's care instructions for information.
- The contents of this manual may not be reproduced without the permission of the manufacturer.
- Do not dispose old batteries as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.
- Please note that some units are equipped with a battery safety strip. Remove the strip from the battery compartment before first use.

NOTE The technical specifications for this product and the contents of the user manual are subject to change without notice.

NOTE Features and accessories will not be available in all countries. For more information, please contact your local retailer.

SPECIFICATIONS

TYPE	DESCRIPTION
MAIN UNIT	
L x W x H	93 x 68 x 30 mm (3.66 x 2.68 x 1.18 in)
Weight	96g (3.39 ounces) include battery
Temperature range	-5°C to 50°C (23°F to 122°F)
Signal frequency	433 MHz
Power	2 x AAA batteries
Temperature range for ice alert	3°C to -2°C
REMOTE THERMO SENSOR (THN132N)	
L x W x H	96 x 50 x 22 mm (3.78 x 1.97 x 0.87 in)
Weight	62g (2.22 ounces)
Transmission range	30 m (98 ft) unobstructed
Temperature range	-20°C to 60°C (-4°F to 140°F)
Power	1 x UM-3 (AA) 1.5V batteries

ABOUT OREGON SCIENTIFIC

Visit our website www.oregonscientific.com to learn more about Oregon Scientific products.

For any enquiry, please contact our Customer Services at info@oregonscientific.com.

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EU-DECLARATION OF CONFORMITY

Hereby, Oregon Scientific, declares that Weather@Home Thermo Bluetooth-enabled Thermometer (model: EMR211) is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. A copy of the signed and dated Declaration of Conformity is available on request via our Oregon Scientific Customer Service.

COUNTRIES RTTE APPROVAL COMPLIED
All EU Countries, Switzerland (CH) and Norway (N)

FCC STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

WARNING Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio / TV technician for help.

DECLARATION OF CONFORMITY

The following information is not to be used as contact for support or sales. Please call our customer service number (listed on our website at www.oregonscientific.com), or on the warranty card for this product) for all inquiries instead.

We

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Declare that the product

Product No.:	Model: EMR211
Product Name:	BLE connected IN/out thermometer
Manufacturer:	IDT Technology Limited
Address:	Block C, 9/F, Kaiser Estate, Phase 1, 41 Man Yue St., Hung Hom, Kowloon, Hong Kong