

Oregon SCIENTIFIC
UV Sensor
Model: UVN128
USER MANUAL

EN

INTRODUCTION

Thank you for selecting the Oregon Scientific™ UV Sensor (UVN128). This product is compatible with various weather station products.

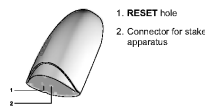
Keep this manual handy as you use your new product. It contains practical step-by-step instructions, as well as technical specifications and warnings you should know.

PRODUCT OVERVIEW

FRONT VIEW



BACK VIEW

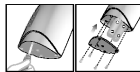


GETTING STARTED

The UV sensor measures the UV Index. It transmits data to the main unit every 73 seconds and has a maximum transmission range of 328 feet (100 meters).

SETUP SENSOR

1. Insert the batteries as shown.



2. Close the battery door and press **RESET** to turn the sensor on.

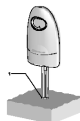


3. Press and hold **CHANNEL** and **MEMORY** on the main unit to initiate a signal search. The UV sensor icon on the main unit will flash to show it is searching for the sensor. It will stop flashing when it has found the sensor. If the main unit cannot find the sensor, **---** will appear on the LCD.

4. You can place the sensor in the ground. To do this, fix the stake into the base of the sensor.



Then place the stake into the ground up to the insertion level indicator (see point 1 below) at your desired location.



NOTE To get the most accurate readings, place the sensor in a position that has minimum obstructions (i.e. walls and doors) between it and the main unit. The sensor should be placed in an upright position, away from any shade or shadows that may affect how accurate the sensor provides readings.

For best results:

- Insert the batteries and select the channel before you mount the sensor.
- Place the sensor out of direct sunlight and moisture.
- Do not place the sensor more than 328 feet (100 meters) from the main (indoor) unit.
- Position the sensor so that it faces the main (indoor) unit, minimizing obstructions such as doors, walls, and furniture.
- Place the sensor in a location with a clear view to the sky, away from metallic or electronic objects.
- Position the sensor close to the main unit during cold winter months as below-freezing temperatures may affect battery performance and signal transmission.

You may need to experiment with various locations to get the best results.

Standard Alkaline batteries contain significant amounts of water. Because of this they will freeze in low temperatures of approximately 10°F. Disposable Lithium batteries have a much lower threshold for temperature with an estimated freezing range of below -40°F. The Liquid Crystal Display in outdoor thermometers will remain operational to -20°F with adequate power.

Wireless ranges can be impacted by a variety of factors such as extremely cold temperatures. Extreme cold may temporarily reduce the effective range between the sensor and the base station.

If the unit's performance falls due to low temperature, the unit will resume proper functioning as the temperature rises to within the normal temperature range (if no permanent damage will occur to the unit due to low temperatures).

SAFETY AND CARE

Clean the product with a slightly damp cloth and alcohol-free, mild detergent. Avoid dropping the product or placing it in a high-traffic location.

WARNINGS

This product is designed to give you years of service if handled properly. Observe the following guidelines:

- Never immerse the product in water. This can cause electrical shock and damage the product.
 - Do not subject the main unit to extreme force, shock, or fluctuations in temperature or humidity.
 - Do not tamper with the internal components.
 - Do not mix new and old batteries or batteries of different types.
 - Do not use rechargeable batteries with this product.
 - Remove the batteries if storing this product for a long period of time.
 - Do not scratch the LCD display.
- Do not make any changes or modifications to this product. Unauthorized changes may void your right to use the product. The technical specifications of this product and contents of this user guide are subject to change without notice. Images not drawn to scale.

RESET SYSTEM

The **RESET** button is located at the base of the unit. Press **RESET** when you change the batteries and whenever performance is not behaving as expected (for example, unable to establish radio frequency link with the main unit or atomic clock).

TROUBLESHOOTING

PROBLEM	SYMPTOM	REMEDY
Remote sensor	Cannot locate remote sensor	Check batteries Check location Initiate a manual sensor search

SPECIFICATIONS

W X H x L	2.7 x 4 x 1.9 inches (67.7 x 102.5 x 47 mm)
Weight	2.1 ounces (82 g) w/ battery
Unit	°C/°F
Outdoor Range	-22°F to 140°F (-30°C to 60°C) when Lithium batteries are used
Power	2 x UM-3 (AA) 1.5V
UV Range	328 feet (100 meters)
Transmission	Every 73 seconds

ABOUT OREGON SCIENTIFIC

Visit our website (www.oregonscientific.com) to learn more about Oregon Scientific products such as digital cameras, MP3 players, children's electronic learning products and games, projection clocks, health and fitness gear, weather stations, and digital and conference phones. The website also includes contact information for our customer care department in case you need to reach us, as well as frequently asked questions and customer downloads.

We hope you will find all the information you need on our website, however if you're in the US and would like to contact the Oregon Scientific Customer Care department directly, please visit: www2.oregonscientific.com/service/support OR call 949-608-2848.

For international enquiries, please visit: www2.oregonscientific.com/about/intermapglobal/default.asp

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 to this unit 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

Name: Oregon Scientific, Inc.
Address: 19881 SW 95th Place, Tualatin,
Oregon 97062 USA
Telephone No.: 1-800-853-8883
Fax No.: 1-503-684-3332

declare that the product

Product No.: UVN128
Product Name: UV Sensor
Manufacturer: IDT Technology Limited
Address: Block C, 9/F, Kaiser Estate, Phase 1,
41 Man Yui St., Hung Hom, Kowloon,
Hong Kong

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