

**UV Sensor**  
**Model: UVR128**  
**USER MANUAL**

EN

## INTRODUCTION

Thank you for selecting the Oregon Scientific™ UV Sensor (UVR128). This product is compatible with various weather station products: BAR926HGA, BAR988HGA, BAR321HGA, BAR933HGA, BAR988HGA and AWS899A.

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 72 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 the appropriate main unit button (as specified in the main unit manual) to initiate a signal search.
4. You can place the sensor in the ground or on a wall.

To insert the sensor into the ground:

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.



To fix the sensor on the wall:



**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 before you mount the sensor.
- 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.

**NOTE:** For more information on how this product works with the main unit, please refer to the main unit user manual.

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 (i.e. no permanent damage will occur to the unit due to low temperatures).

### UV INDEX READING

To interpret the UV readings on the LCD display, see the table below.

| UV MESSAGE | UV INDEX | PRECAUTION                              |
|------------|----------|-----------------------------------------|
| Low        | 1-2      | Apply sunscreen                         |
| Med        | 3-5      | Wear protective clothing                |
| High       | 6-7      | Wear sunglasses and protective clothing |
| Very high  | 8-10     | Avoid the sun between 10am and 4pm      |
| Extreme    | 11-25    | Very strong rays stay indoors           |

## 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 specification 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).

## SPECIFICATIONS

|               |                                                                                                                                               |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| W X H x L     | 2.7 x 4 x 1.9 inches<br>(67.7 x 102.5 x 47 mm)                                                                                                |
| Weight        | 2.89 ounces (82 g)<br>without battery                                                                                                         |
| Unit          | UV Index                                                                                                                                      |
| Outdoor Range | -22°F to 140°F<br>(-30°C to 60°C) when<br>Lithium batteries are used<br>-10°F to 140°F<br>(-23°C to 60°C) when<br>Alkaline batteries are used |
| Power         | 2 x UM-3 (AA) 1.5V                                                                                                                            |
| UV Range      | 328 feet (100 meters)                                                                                                                         |
| Transmission  | Every 73 seconds.                                                                                                                             |

## TROUBLESHOOTING

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

## ABOUT OREGON SCIENTIFIC

Visit our website ([www.oregonscientific.com](http://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 U.S. and would like to contact the Oregon Scientific Customer Care department directly, please visit: [www2.oregonscientific.com/service/support](http://www2.oregonscientific.com/service/support) OR Call 1-800-853-8883.

For international inquiries, please visit: [www2.oregonscientific.com/about/international](http://www2.oregonscientific.com/about/international)

## 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](http://www.oregonscientific.com)), or on the warranty card for this product) for all inquiries instead.

### We

Name: Oregon Scientific, Inc.  
Address: 19861 SW 95th Ave., Tualatin,  
Oregon 97062 USA  
Telephone No.: 1-800-853-8883  
Fax No.: 1-503-684-3332

### declare that the product

Product No.: UVR128  
Product Name: UV Sensor

Manufacturer: IDT Technology Limited

Address: Block C, 9/F, Kaiser Estate, Phase 1,  
41 Man Yue 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.

# REGISTER FOR A CHANCE TO WIN!

Register your product and enjoy these benefits:

- Complete warranty protection
- More efficient customer service
- Opportunities to participate in research and new product testing
- Convenient product updates and special offers

Register your product online at <http://www2.oregonscientific.com/service> to be entered in a monthly drawing to win a free projection clock, digital camera or MP3 player.

***Any way you look at it, registration is a winning move!***

NO PURCHASE NECESSARY TO ENTER OR WIN. A PURCHASE WILL NOT IMPROVE YOUR CHANCES OF WINNING. Sweepstakes is open only to legal U.S. residents of the fifty (50) United States, the District of Columbia and Canada (excluding Quebec) who have reached the age of majority in their state/territory/province of residence at the time of entry. Void in Puerto Rico and where prohibited. For details on how to enter without purchase, limitations and odds, see official rules at [www2.oregonscientific.com/service](http://www2.oregonscientific.com/service).



## OREGON SCIENTIFIC 12-MONTH WARRANTY

Thank you for selecting an Oregon Scientific product. Oregon Scientific provides a limited global warranty covering defects in materials or workmanship for 12 months from the date of product purchase.

Equipment determined to be defective in parts or workmanship will be repaired or replaced at the discretion of Oregon Scientific or its authorized agents at no charge to the purchaser or the person who received the product as a gift, so long as:

- The product has not been damaged due to misuse, abuse, or improper administration of the user instructions.
- The product has not been altered, modified, deleted, or serviced by anyone other than Oregon Scientific or its authorized service agents.
- The malfunction is not due to faulty or defective batteries or use of the product with accessory items. (Accessory items used with the product (such as batteries) are not covered by this warranty.)

To obtain warranty service please contact Customer Care at 1-800-853-8883 or visit [www2.oregonscientific.com/service](http://www2.oregonscientific.com/service) to obtain instructions and authorization for returning the product. No returns may be made without prior authorization obtained from the Oregon Scientific Customer Care Center.

To register your warranty, go to <http://www2.oregonscientific.com/service/registration> or mail the completed Certificate of Guarantee to Oregon Scientific Inc., 1986 1 SW 35th Avenue, Tualatin, OR 97062.

Oregon Scientific excludes all representations, warranties, conditions, or liabilities (whether express or implied) regarding the merchantability or suitability of the product, or resulting from use of the product. Incidental or consequential loss, damage, or costs associated with the failure of the product are not covered by this warranty.

This warranty is extended to the original end user purchaser only and is not transferable to another party.

This warranty gives you specific legal rights, and is subject to local laws governing warranties. You may have additional rights depending on the state, province, or country in which you purchased the product.

Keep this warranty card. It is your permanent record of warranty.

## CERTIFICATE OF GUARANTEE

To obtain warranty service please contact Customer Care at 1-800-853-8883 or visit [www2.oregonscientific.com/service](http://www2.oregonscientific.com/service).

Product name: \_\_\_\_\_ Model number: \_\_\_\_\_  
 Retailer place of purchase: \_\_\_\_\_ Serial number: \_\_\_\_\_  
 Date of purchase: \_\_\_\_\_ Purchase price: \_\_\_\_\_  
 Defect description (use additional paper if necessary): \_\_\_\_\_  
 Your name (surname, first, middle, last): \_\_\_\_\_  
 Your mailing address: \_\_\_\_\_  
 Your telephone number: \_\_\_\_\_ Your e-mail address: \_\_\_\_\_

## GARANTIE 12 MOIS OREGON SCIENTIFIC

Merci d'avoir choisi un produit Oregon Scientific. Oregon Scientific fournit une garantie globale limitée couvrant les défauts matériels ou de fabrication pour 12 mois à partir de la date d'achat du produit.

L'équipement déterminé défectueux en pièces ou fabrication sera réparé ou remplacé à la discrétion d'Oregon Scientific ou de ses agents agréés sans frais pour l'acheteur ou la personne qui a reçu le produit en cadeau, à condition que :

- Le produit n'ait pas été endommagé à cause d'une mauvaise utilisation, d'un traitement abusif, d'une mauvaise application des instructions d'utilisation.
- Le produit n'ait pas été altéré, modifié, dégradé ou réparé par une autre entité qu'Oregon Scientific ou ses agents de service après vente agréés.
- Le mauvais fonctionnement n'ait pas été causé par des piles Ryant lui ou défectueuses ou par l'utilisation du produit avec des éléments accessoires. (Les éléments accessoires utilisés avec le produit (telles que des piles) ne sont pas couverts par cette garantie.)

Pour contacter notre centre de service de garantie contactez notre Service Customer Care en composant le 1-800-853-8883 ou sur internet au: [www2.oregonscientific.com/service](http://www2.oregonscientific.com/service). Vous y recevrez des instructions pour l'autorisation et les modalités de retour de produits. Aucun retour de produit ne peut être effectué sans accord préalable de L'Oregon Scientific Customer Care Center.

Pour enregistrer la garantie, veuillez vous rendre sur le site <http://www2.oregonscientific.com/service/registration> ou envoyez par moyen postal le certificat dûment complété à l'adresse suivante: Oregon Scientific Inc., 1986 1 SW 35th Avenue, Tualatin, OR 97062.

Oregon Scientific exclut toute représentation, garantie, condition ou responsabilité (qu'elles soient exprimées ou implicites) concernant la qualité marchande ou la convenance du produit ou résultant de l'utilisation du produit. Toute perte, dommage ou coût, secondaire ou indirect, associé à la défaillance du produit n'est pas couvert par cette garantie.

Cette garantie ne peut s'étendre qu'à l'acheteur et l'utilisateur final et n'est transférable à aucun autre intéressé.

Cette garantie vous offre des droits légaux spécifiques et est soumise aux lois locales régissant les garanties. Il se peut que vous ayez des droits supplémentaires selon l'état, la province ou le pays où vous avez acheté ce produit.

Conservez cette carte de garantie. Il s'agit de votre preuve de garantie permanente.

## CERTIFICAT DE GARANTIE

Pour joindre le service de garantie veuillez contacter notre Customer Care au 1-800-853-8883 ou connectez vous sur le site [www2.oregonscientific.com/service](http://www2.oregonscientific.com/service).

Nom du produit: \_\_\_\_\_ Numéro du modèle: \_\_\_\_\_  
 Revendeur/lieu d'achat: \_\_\_\_\_ Numéro de série: \_\_\_\_\_  
 Date d'achat: \_\_\_\_\_ Montant de l'achat: \_\_\_\_\_  
 Descriptif du défaut (Utilisez une feuille supplémentaire si nécessaire): \_\_\_\_\_  
 Votre nom (nom de famille, prénoms): \_\_\_\_\_  
 Votre adresse courriel: \_\_\_\_\_  
 Votre numéro de téléphone: \_\_\_\_\_ Votre adresse e-mail: \_\_\_\_\_

## GARANTÍA DE 12 MESES DE OREGON SCIENTIFIC

Gracias por escoger un producto de Oregon Scientific. Oregon Scientific ofrece una garantía global limitada que cubre los defectos en los componentes o mano de obra durante 12 meses a partir de la fecha de adquisición del producto.

El aparato que se considere defectuoso en componentes o mano de obra será reparado o sustituido, bajo decisión de Oregon Scientific o sus agentes autorizados, de manera gratuita para el comprador o la persona que recibió el producto como regalo, siempre y cuando:

- El producto no haya resultado dañado debido al uso incorrecto, abuso, o incorrecta utilización de las instrucciones del usuario.
- El producto no haya sido alterado, modificado, deteriorado, o reparado por alguien distinto a Oregon Scientific o sus agentes autorizados.
- El fallo en el funcionamiento no sea debido a fugas en las pilas, la utilización de pilas defectuosas o el uso de artículos accesorios con el producto. (Los artículos accesorios utilizados con el producto (por ejemplo las pilas) no están cubiertos por esta garantía.)

Para obtener la garantía de servicio, por favor contacte con atención al cliente en el 1-800-853-8883 o visite [www2.oregonscientific.com/service](http://www2.oregonscientific.com/service) para obtener instrucciones y autorización para devolver el producto. Ninguna devolución será aceptada sin la autorización previa obtenida por Centro de atención al cliente de Oregon Scientific.

Para registrar su garantía, diríjase a <http://www2.oregonscientific.com/service/registration> o envíe el documento completo de Certificado de garantía a Oregon Scientific Inc., 1986 1 SW 35th Avenue, Tualatin, OR 97062.

Oregon Scientific no acepta ninguna representación, garantía, condición, o responsabilidad (expresa o implícita) respecto a la comerciabilidad o idoneidad del producto, o resultante de la utilización del producto. La pérdida o daños, incidentales o indirectos, o los costos asociados con el fallo del producto no están cubiertos por esta garantía.

Solo el cliente final puede hacer valer esta garantía, la cual no puede ser transferida a otra persona.

Esta garantía ofrece derechos legales específicos, y está sujeta a las normas locales referentes a garantías. Ud. puede disfrutar de derechos adicionales dependiendo del estado, provincia, o país en el que adquirió el producto.

Conserve este tarjeta de garantía. Es su certificado permanente de garantía.

## CERTIFICADO DE GARANTÍA

Para obtener la garantía de servicio, por favor contacte con atención al cliente en el 1-800-853-8883 o visite [www2.oregonscientific.com/service](http://www2.oregonscientific.com/service).

Nombre del producto: \_\_\_\_\_ Número del modelo: \_\_\_\_\_  
 Comercio/lugar de compra: \_\_\_\_\_ Número de serie: \_\_\_\_\_  
 Fecha de compra: \_\_\_\_\_ Precio de compra: \_\_\_\_\_  
 Descripción del defecto (utilice papel adicional si es necesario): \_\_\_\_\_  
 Su nombre (Apellido, nombre): \_\_\_\_\_  
 Su dirección: \_\_\_\_\_  
 Su número de teléfono: \_\_\_\_\_ Su dirección de e-mail: \_\_\_\_\_