220mm

55mm | 55mm | 55mm | 55mm

165mm

55mm | 55mm | 55mm

Vanemar Water Sensor

User's Guide

HS2WL-EF

*Please read the guide carefully before installing and using the device.

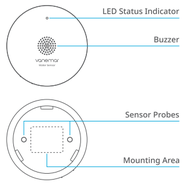
DE Zur deutschen Bedienungsanleitung können Sie über den folgenden Link gelangen.
EL Μπορείτε να βρείτε το εγχειρίδιο χρήσης στα Ελληνικά στον παρακάτω σύνδεσμο.
ES Puede acceder al manual de usuario en Español a través del siguiente enlace.
FR Vous pouvez accéder au manuel d'utilisateur en Français via le lien ci-dessous.
HR Priručnik za korisnike na Hrvatskom možete pronaći na donjem linku.
IT Puoi accedere al manuale utente in Italiano tramite il link sottostante.
SL Do navodil za uporabo v Slovenščini lahko dostopate preko spodnje povezave.
SV Du kan nå användarhandboken på Svenska via länken nedan.
TR Türkçe dilindeki kullanım kılavuzuna aşağıdaki linkten ulaşabilirsiniz.

support.vanemar.io

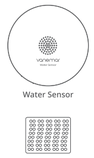
Meet Vanemar Water Sensor

Vanemar Water Sensor is a simple yet effective solution for detecting water on your boat, whether it's in the bilge, kitchen, or bathroom.

- Detects Water
- Alerts with Siren
- Warns when its Battery Gets Low



In the Box



Safety And Preparation

INSTALLATION

Securing the Boat

Before beginning the installation, make sure the boat is stationary and securely moored to provide a stable environment.

Electrical Safety

Ensure all engines, power sources, battery chargers, and inverters are turned off. Also, disconnect the boat from shore power to prevent any electrical hazards.

Work Environment

Ensure the area is well-ventilated and free of clutter to facilitate a safe installation process.

Pairing

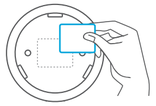
INSTALLATION

Open the Vanemar App on your mobile device. Tap '+' or '**Add device**' button in the '**Devices**' menu and follow the on-screen instructions.

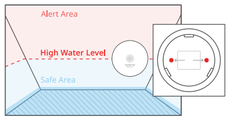
Fixing in Place

INSTALLATION

1. You may use the adhesive mounting tapes included in the package to secure the sensor. While the tapes are interlocked, peel one side and stick them to the marked area on the sensor's back.
2. Before attaching, ensure the surface is clean and dry. Then, peel the other side of the tapes and press firmly onto the desired location for a secure hold.



Usage in Bilges



Position the sensor in the bilge at the high water level, the level where you want the alarm to be activated. Keep in mind that the sensor will trigger an alarm when both probes at the back contact water. For correct placement, ensure the sensor probes are aligned with the high water level and refer to the image for guidance.

Usage in Other Areas

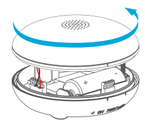
You may also place the sensor in locations where water leaks are a concern, to help detect any overflows or leaks.

Indicators

LED	Siren	Status
Rapidly flashing red	Continuous alarm sound	Alarm
Red flash approximately every 53 seconds	Beep every 53 seconds	Battery Low
Red flash approximately every 53 seconds	-	Normal
Rapidly flashing green	-	Searching for Gateway (Pairing Mode)
Slowly flashing green	-	Unpaired
Green on for 3 seconds, then off	-	Paired Successfully

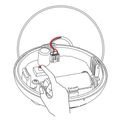
Opening/Closing the Cover

Turn the top cover counterclockwise as shown, **being careful not to strain the internal cable.** Remove the battery tab if it's present.
For closing, align the top cover's short line mark with the bottom cover's 'OFF' mark, then rotate clockwise until it aligns with the opposite mark. **Check that the cable is not trapped.**



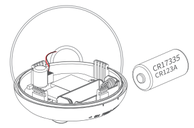
Using the Networking Button

To put your device into pairing mode, press and hold the networking button for 5 seconds. The LED will flash rapidly in green, indicating it's ready to pair. Once the device is successfully paired, the LED will turn solid green for 3 seconds and then turn off, confirming the successful connection. If your device is already paired and you wish to unpair it, press and hold the networking button for 5 seconds. The device will indicate its disconnection by slowly flashing in green.



Changing the Battery

Open and close the sensor cover as outlined in this guide when replacing the battery. Ensure the sensor is dry and clean before starting. Use a **CR123A** or **CR17335** battery. Insert it correctly, aligning the positive and negative ends, and ensure the cover is securely closed for waterproofing.



Maintenance & Cleaning

Maintain your sensor's water resistance by avoiding prolonged submersion and ensuring the cover is always tightly closed. Regularly inspect for damage to keep it in top condition.

During cleaning activities, temporarily remove the sensor to avoid false alarms. After cleaning, once the area is dry, replace the sensor.

Stay alert for low battery warnings through the device's indicators or the Vanemar App, and change the battery promptly when needed.

Technical Specs

Model	HS2WL-EF
Working voltage	DC3V (1xCR17335/CR123A battery)
Alarm indication	Red LED indicator
Alarm sound	~75dB (at 1m straight ahead)
Networking	Zigbee
Networking distance	≤100m (open environment)
Working temperature	0°C~50°C
Working humidity	≤95%RH
Battery life	Up to 2 years
Dimensions	ø69.0mm x H27.6mm
Protection	IP67

Regulatory

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.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Responsible Party : Vanemar, Inc. 651 N Broad St, Suite 206, Middletown, DE 19709

Industry Canada (IC) regulatory information

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. This Class B digital apparatus complies with Canadian ICES-003, RSS-Gen and RSS-210.

Avis de conformité à la réglementation d'Industrie Canada

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement. Cet appareil numérique de la classe B est conforme à la norme NMB-003, CNR-Gen et CNR-210 du Canada.

Australia/New Zealand

EU Compliance

Vane Teknoloji A.Ş. Hereby declares that this wireless device is in compliance with Directive 2014/53/EU. The full declaration of conformity may be found at vanemar.io/compliance.

Deutsch Vane Teknoloji A.Ş. erklärt hiermit, dass dieses drahtlose Gerät der Richtlinie 2014/53/EU entspricht. Das vollständige Konformitätserklärungsdokument finden Sie unter vanemar.io/compliance.

Español Vane Teknoloji A.Ş. declara que este dispositivo inalámbrico cumple con la Directiva 2014/53/UE. El documento completo de declaración de conformidad se puede encontrar en vanemar.io/compliance.

Ελληνικά Η Vane Teknoloji A.Ş. δηλώνει ότι αυτή η ασύρματη συσκευή συμμορφώνεται με την Οδηγία 2014/53/ΕΕ. Το πλήρες έγγραφο δήλωσης συμμόρφωσης μπορεί να βρεθεί στο vanemar.io/compliance.

Français Vane Teknoloji A.Ş. déclare par la présente que cet appareil sans fil est conforme à la Directive 2014/53/UE. Le document complet de déclaration de conformité peut être consulté sur vanemar.io/compliance.

Hrvatski Vane Teknoloji A.Ş. ovime izjavljuje da je ovaj bežični uređaj u skladu s Direktivom 2014/53/EU. Cijeli dokument izjave o sukladnosti može se pronaći na vanemar.io/compliance.

Italiano Vane Teknoloji A.Ş. dichiara che questo dispositivo wireless è conforme alla Direttiva 2014/53/UE. Il documento completo di dichiarazione di conformità può essere trovato su vanemar.io/compliance.

Slovenščina Vane Teknoloji A.Ş. s tem izjavlja, da je ta brezžična naprava v skladu z Direktivo 2014/53/EU. Celotni dokument izjave o skladnosti je na voljo na vanemar.io/compliance.

Svenska Vane Teknoloji A.Ş. förklarar härmed att denna trådlösa enhet överensstämmer med Direktiv 2014/53/EU. Det fullständiga dokumentet för överensstämmelseförklaringen kan hittas på vanemar.io/compliance.

Türkçe Vane Teknoloji A.Ş. işbu belgeyle bu kablosuz cihazın 2014/53/AB Yönergesi'ne uygun olduğunu beyan eder. Uygunluk beyanı tam dokümanına vanemar.io/compliance adresinden ulaşılabilir.

Disposal and Recycling Information

The WEEE symbol left means that according to local laws and regulations your product and its battery(ies) should be disposed of separately from household waste. When this product reaches its end of life, take it to a collection point designated by local authorities for safe disposal or recycling.

Regulatory information: UK

Hereby, Vane Teknoloji A.S. declares that radio equipment is in compliance with Radio Equipment Regulation 2017. The full declaration of conformity may be found at vanemar.io/compliance.

UK REACH

UK REACH (Registration, Evaluation, Authorization and Restriction of Chemicals, Statutory Instrument 2020 No. 1577) is the UK chemical substances regulatory framework. Vanemar complies with all requirements of the regulation and we are committed to providing our customers with information about the presence of REACH Substances of Very High Concern (SVHCs).

RoHS compliance

This product is in compliance with Statutory Instrument 2012 No. 3032 The Restriction of the Use of Certain Hazardous Substance in Electrical and Electronic Equipment Regulations.

This product has been manufactured by Shenzhen Heiman Technology Co. Ltd. (101, No.4, Dafu Industrial, Kukeng Community, Guantan Street, Longhua District, Shenzhen, China) for Vane Teknoloji A.Ş. (Bahçelievler Mah. 323/1 Cad. Gazi Üniversitesi Teknokent No: 10/508/48, 06830 Gölbaşı, Ankara, Turkey).

Service & Support

Avoid unauthorized repairs or modifications as they could permanently damage the device and affect warranty and regulatory compliance. For repairs, contact Vanemar or an authorized service provider. For additional support, visit support.vanemar.io.

Safety warnings

Handling Handle your device with care. You may damage the device or the battery if you disassemble, drop, bend, burn, crush or puncture your device. Do not use the device with a damaged enclosure or some other form of physical damage. Operate and store your device in temperatures from 32° to 122° F (0° to 50° C). Avoid exposing it to heat above 122° F (50° C) and keep away from direct sunlight and heat sources. Avoid exposing it to heat above 140° F (60° C) and keep away from direct sunlight and heat sources..

Child safety This device is not a toy. Your device may contain (or may come with) small parts, plastic, glass, or metal elements, and parts with sharp edges that may cause an injury or create a choking hazard. Keep the device out of the reach of children (more than 3 feet (0.9 meters)

Limited Warranty

This document provides essential information regarding your rights under the legal warranty. To fully understand your rights, it is recommended that you review the laws of your jurisdiction.

1. LIMITED PRODUCT WARRANTY

Vanemar guarantees that its products will be free from material and workmanship defects under normal usage and in compliance with our user manuals for a period of one year from the date of purchase ("Warranty Period"), unless otherwise specified by local laws. Please note that uninterrupted or error-free operation of the product is not guaranteed. Damages due to misuse or not following our product usage instructions are not covered.

2. WARRANTY REMEDIES

Should you discover a hardware defect within the Warranty Period, Vanemar will either repair, replace, or refund the product, subject to your rights under local laws.

3. OBTAINING WARRANTY SERVICE

To access warranty service for a Vanemar-purchased product, concact Vanemar from support.vanemar.io and please return the product in its original packaging (or packaging that offers equivalent protection) to the specified Vanemar address. Vanemar may, unless prohibited by law, require proof of purchase or adherence to registration requirements prior to providing warranty services. For purchases not made directly from Vanemar, contact the original seller or Vanemar's local support for assistance.

4. EXCLUSIONS AND LIMITATIONS

This legal warranty only applies to products manufactured by or for Vanemar and identifiable by our trademarks, trade name, or logo. The warranty does not cover (a) damages from natural events or acts of God; (b) negligence; (c) commercial usage; (d) modifications; (e) damages from non-Vanemar products; (f) accidents, abuse, or misuse; (g) improper operation; or (h) unauthorized servicing. Data or software loss during servicing is not covered, and it is the owner's responsibility to back up such data.

5. IMPLIED WARRANTIES

All implied warranties are limited to the duration of this limited warranty, except where prohibited by law.

6. LIMITATION OF DAMAGES

Vanemar is not liable for indirect, special, or consequential damages arising from this warranty or product use, such as lost profits or data, except where prohibited by law.

7. VANEMAR CONTACT INFORMATION

For direct purchases, visit support.vanemar.io for assistance. For after-sales service, contact any authorized service agent, distributor, or the product's original seller.

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