



Leakage Protection Clamp

SKU: LEALWE01

Version: 1.1



- 1. Communication with LoRaWAN
 - 1.1. Connecting to the LoRaWAN Network
 - 1.2. Using the Device in the TTN Network
- 2. Scope of Delivery
- 3. Support and Contact
- 4. Declaration of Conformity
- 5. Disposal Guidelines

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1. Communication with LoRaWAN

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1.1. Connecting to the LoRaWAN Network

This device must be registered with a LoRaWAN network operator covering the device's location. Registration requires the device's three keys (Dev EUI, Join EUI, Join Key).



The public Device EUI is printed directly on the device as a QR code and as a 16-character string. This information is also found on the device packaging.

The other two - private - keys can be obtained from your dealer or directly from Aqua-Scope via email. **To request these keys, submit the public Device EUI key and your email address on the website <https://aqua-scope.com/lor>.**

When batteries are inserted or a power supply is connected, the device will attempt to connect to the LoRaWAN network to which you have provided the three keys. During this process, the LEDs will blink. After approximately 25 seconds, this process, called "JOIN," will either be successful or aborted. If unsuccessful, the device will immediately enter sleep mode if operating on battery power.

If the sensor loses connection to the server for any reason, it will automatically restart the connection process. This process is known as "Rejoin" and will occur whenever the device attempts to send a message to the LoRaWAN network.

Pressing the button on the device will always trigger LoRaWAN communication, which, as explained above, also initiates a "Rejoin" if the connection to the LoRaWAN network is lost. Please note the duty-cycle regulation in LoRaWAN. Sending messages or initiating Rejoins too frequently may be ignored by the LoRaWAN network.

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1.2. Using the Device in the TTN Network

The device can operate in any LoRaWAN network, including The Things Network (TTN). The device is already listed in the TTN device repository, and a valid payload decoder is activated during setup.

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2. Scope of Delivery

- Main device
- 2* AAA batteries, already installed within the device
- Manual

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3. Support and Contact

Should you encounter any problem, please give us the opportunity to address it before returning this product. Please check our website www.aqua-scope.com and particularly the support section for answers and help. You can also send a message



to info@aqua-scope.com.

While the information in this manual has been compiled with great care, it may not be deemed an assurance of product characteristics. Aqua-Scope shall be liable only to the degree specified in the terms of sale and delivery. The reproduction and distribution of the documentation and software supplied with this product and the use of its contents is subject to written authorization from Aqua-Scope. We reserve the right to make any alterations that arise as the result of technical development.

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- eMail: info@aqua-scope.com
- Web: www.aqua-scope.com

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4. Declaration of Conformity



Aqua-Scope Technology OÜ, Sakala 7-2, 10141 Tallinn, Republic of Estonia, declares that this radio emitting device works on the following frequencies:

Български С настоящото Aqua-Scope Technology OÜ декларира, че този тип радиосъоръжение LEALWE01 е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: www.aqua-scope.com/ce.

Čeština Tímto Aqua-Scope Technology OÜ prohlašuje, že typ rádiového zařízení LEALWE01 je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: www.aqua-scope.com/ce.

Dansk Hermed erklærer Aqua-Scope Technology OÜ, at radioudstyretypen LEALWE01 er i overensstemmelse med direktiv 2014/53/EU. EUoverensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: www.aqua-scope.com/ce.

Deutsch Hiermit erklärt Aqua-Scope Technology OÜ, dass der Funkanlagentyp LEALWE01 der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: www.aqua-scope.com/ce.

Eesti Käesolevaga deklareerib Aqua-Scope Technology OÜ, et kesolev raadioseadme tüüp LEALWE01 vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni terviklik tekst on kättesaadav järgmisel internetiaadressil: www.aqua-scope.com/ce

English Hereby, Aqua-Scope Technology OÜ declares that the radio equipment type LEALWE01 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.aqua-scope.com/ce

Español Por la presente, Aqua-Scope Technology OÜ declara que el tipo de equipo radioeléctrico LEALWE01 es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: www.aqua-scope.com/ce



Ελληνικά Με την παρούσα ο/η Aqua-Scope Technology ΟÜ, δηλώνει ότι ο ραδιοεξοπλισμός LEALWE01 πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: www.aqua-scope.com/ce

Français Le soussigné, Aqua-Scope Technology ΟÜ, déclare que l'équipement radioélectrique du type LEALWE01 est conforme la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible l'adresse internet suivante: www.aqua-scope.com/ce

Hrvatski Aqua-Scope Technology ΟÜ ovime izjavljuje da je radijska oprema tipa LEALWE01 u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: www.aqua-scope.com/ce

Italiano Il fabbricante, Aqua-Scope Technology ΟÜ, dichiara che il tipo di apparecchiatura radio LEALWE01 conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE disponibile al seguente indirizzo Internet: www.aqua-scope.com/ce

Latviešu Ar šo Aqua-Scope Technology ΟÜ deklarē, ka radioiekārta LEALWE01 atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: www.aqua-scope.com/ce Lietuvių AŠ, Aqua-Scope Technology ΟÜ, patvirtinu, kad radijo įrenginių tipas LEALWE01 atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo internet adresu: www.aqua-scope.com/ce

Magyar Aqua-Scope Technology ΟÜ igazolja, hogy a LEALWE01 típus rádiberendezés megfelel a 2014/53/EU irányelvnek. Az EÜmegfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: www.aqua-scope.com/ce

Malti B'dan, Aqua-Scope Technology ΟÜ, niddikjara li dan it-tip ta' tagħmir tar-radju LEALWE01 huwa konformi mad-Direttiva 2014/53/UE. It-test kollu tad-dikjarazzjoni ta' konformit tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej: www.aqua-scope.com/ce

Nederlands Hierbij verklaar ik, Aqua-Scope Technology ΟÜ, dat het type radioapparaat LEALWE01 conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: www.aqua-scope.com/ce

Polski Aqua-Scope Technology ΟÜ niniejszym oświadcza, że typ urządzenia radiowego LEALWE01 jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: www.aqua-scope.com/ce

Português O(a) abaixo assinado(a) Aqua-Scope Technology ΟÜ declara que o presente tipo de equipamento de rádio LEALWE01 está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: www.aqua-scope.com/ce

Română Prin prezenta Aqua-Scope Technology ΟÜ declară că tipul de echipamente LEALWE01 este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: www.aqua-scope.com/ce

Slovensko Aqua-Scope Technology ΟÜ potrjuje, da je tip radijske opreme LEALWE01 skladen z irektivom 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: www.aqua-scope.com/ce

Slovensky Aqua-Scope Technology ΟÜ týmto vyhlasuje, že rádiové zariadenie typu LEALWE01 je v slade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: www.aqua-scope.com/ce

Soumi Aqua-Scope Technology ΟÜ vakuuttaa, että radiolaitetyyppi LEALWE01 on direktiivin 2014/53/EU mukainen. EUvaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: www.aqua-scope.com/ce



Svenska Härmed försäkras Aqua-Scope Technology OÜ att denna typ av radioutrustning LEALWE01 verensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EUförsäkran om verensstämmelse finns på följande webbadress: www.aqua-scope.com/ce

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5. Disposal Guidelines



■ Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging health and well-being.