



## Alloy Leak Sensor+ v1.2



Safety Instructions v1.3.



## **PACKAGING CONTAINS**

- Alloy Leak Sensor+ v1.2
- Safety instructions
- Sensor wire or sensor probe
- 2x Brick wall anchor
- 2x Wall screw
- 2x Drywall anchor
- Wire rings

### **Manufacturer's Name:**

Alloy Home, LLC

Address: 8665 E. Hartford Drive, Suite 200,  
Scottsdale, AZ 85255

### **Product name:**

Alloy Leak Sensor+ v1.2

### **Model:**

als+1.2.zw8us

## IMPORTANT SAFETY INSTRUCTIONS

- Read, keep and follow these instructions.
- Do not install Alloy Leak Sensor+ v1.2 near water vapor or smoke.
- Do not submerge Alloy Leak Sensor+ v1.2 in water.
- Do not attempt to replace battery, it is irreplaceable.
- Do not open Alloy Leak Sensor+ v1.2
- Keep away from children.
- Do not expose to open flame - flammable product
- Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.

## DISPOSING AND RECYCLING YOUR PRODUCT



(Waste Electrical & Electronic Equipment) (Applicable in countries with separate collection systems). This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to

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Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal. (Applicable in countries with separate collection systems)

At Alloy Home, LLC we understand and are committed to reducing any impact our operations and products may have on the environment. To minimize this impact Alloy Home, LLC designs and builds its products to be as environmentally friendly as possible, by using recyclable, low toxic materials in both products and packaging.

## DISCLAIMER

Some content and services accessible through this device belong to third parties and are protected by copyright, patent, trademark and/or other intellectual property laws. Such content and services are provided solely for your personal non-commercial use. You may not use any content or services in a manner that has not been authorised by the content owner or service provider.

Without limiting the foregoing, unless expressly authorised by the applicable content owner or service provider, you may not modify, copy, republish, upload, post, transmit, translate, sell, create derivative works, exploit, or distribute in any manner or medium any content or services displayed through this device.

## ONE (1) YEAR LIMITED WARRANTY

Alloy Home, LLC warrants this product (the "Product") against defects in materials and/or workmanship under normal use for a period of ONE (1) YEAR from the date of purchase by the original purchaser ("Warranty Period"). If a defect arises and a valid claim is received within the Warranty Period, then as your sole remedy (and Alloy Home, LLC' sole liability), Alloy Home, LLC will at its option either 1) repair the defect at no charge, using new or refurbished replacement parts, or 2) replace the Product with a new product that is functionally equivalent to the original, in each case within 30 days.

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part is exchanged, any replacement item becomes your property and the replaced Product or part becomes Alloy Home, LLC's property. Obtaining Service: To obtain warranty service, visit <https://smartrent.com/contact-support>. Please be prepared to describe the Product that needs service and the nature of the problem. Any claim under this Limited Warranty must be submitted to Alloy Home, LLC before the end of the warranty period. Exclusions: This warranty does not apply to a) damage caused by failure to follow instructions relating to the Product's use or the installation of components; b) damage caused by accident, abuse, misuse, transport, neglect, fire, floods, earthquake or other external causes; c) damage caused by service performed by anyone who is not an authorized representative of Alloy Home, LLC; d) accessories used in conjunction with a covered Product; e) a Product or part that has been modified to alter functionality or capability; f) items intended to be periodically replaced by the purchaser during the normal life of the Product, including, without limitation, batteries, bulbs or cables; g) a Product that is used commercially or for a commercial purpose, in each case as determined by Alloy Home LLC.

EXCEPT FOR BODILY INJURY, ALLOY HOME SHALL NOT BE LIABLE FOR (I) ANY LOST PROFITS, COST OF PROCUREMENT OF SUBSTITUTE PRODUCTS, OR ANY INCIDENTAL OR

CONSEQUENTIAL DAMAGES, OR (II) ANY AMOUNTS IN EXCESS OF THE PURCHASE PRICE FOR THE PRODUCT, IN EACH CASE WHETHER RESULTING FROM THE USE OF OR INABILITY TO USE THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, EVEN IF COMPANY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION AND EXCLUSIONS MAY NOT APPLY TO YOU. TO THE EXTENT PERMITTED BY APPLICABLE LAW, ALLOY HOME DISCLAIMS ANY AND ALL STATUTORY OR IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS. IF ALLOY HOME LLC CANNOT LAWFULLY DISCLAIM STATUTORY OR IMPLIED WARRANTIES, THEN TO THE EXTENT PERMITTED BY LAW, ALL SUCH WARRANTIES SHALL BE LIMITED IN DURATION TO THE WARRANTY PERIOD. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

This warranty gives you specific legal rights and you may also have other rights, which vary from country to country. To exercise your rights under this warranty, please follow the instructions above



under the heading “Obtaining Service”, or contact Alloy Home, LLC, 8665 E. Hartford Drive, Suite 200, Scottsdale, AZ 85255. Alloy Home, LLC is a registered trademark of Alloy Home, LLC. Manufacturer / Importer: Alloy Home, LLC 8665 E. Hartford Drive, Suite 200, Scottsdale, AZ 85255.



#### FCC CAUTION

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. 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. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC ID: 2AAU7-ALSP12

**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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance 20cm between the radiator your body: Use only the supplied antenna.

# IC

## IC Caution

- This device contains license-exempt transmitter(s)/ receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:
- This device may **not cause interference**.
- This device must accept any interference, including interference that may cause undesired operation of the device. This equipment complies with Canada 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.

## FR

- L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes
- L'appareil ne doit pas produire de brouillage;
- L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement. Cet équipement est conforme Canada limites d'exposition aux radiations dans un environnement non contrôlé. Cet équipement doit être installé et utilisé à distance minimum de 20cm entre le radiateur et votre corps.

## SPECIFICATIONS

### ➤ MODEL NUMBER

als+1.2.zw8us

### ➤ RADIO PROTOCOL

Z-Wave® 800

Z-Wave Plus®

### ➤ POWER SUPPLY

Single CR-2/3 3.0V battery

### ➤ OPERATING TEMPERATURE

0°C TO +70°C (32°F TO 158°F)

### ➤ RADIO FREQUENCY

908.40MHZ, 916.00MHZ - US

### ➤ IP RATING

IP66

### ➤ RANGE

Up to 45m (147 ft) indoors  
(depending on the building  
structure), and up to 60m  
(196 ft) outdoors.

### ➤ DIMENSIONS

63 x 63 X 24 mm

2.48 x 2.48 x 0.94 inch





# Alloy Leak Sensor+ v1.2

Quick-Start Guide



# MEET YOUR ALLOY LEAK SENSOR+ V1.2

Next-generation 800 series leak sensor with longer battery life.

This product can be operated in any Z-Wave® network with other Z-Wave® certified devices from other manufacturers. All mains operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.



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① TAMPER REED switch

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② INCLUSION/ADD button

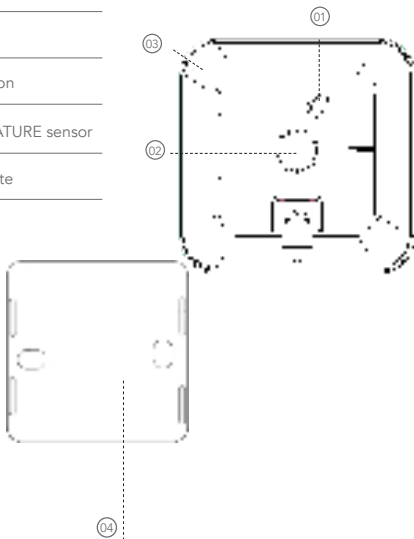
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③ HUMIDITY & TEMPERATURE sensor

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④ WALL MOUNTING plate

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# 1.0. | INSTALLATION

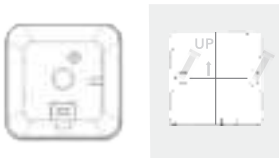
## PACKAGING CONTENT

- Alloy Leak Sensor+ v1.2
- Sensor probe or Sensor wire
- 2 x Dry wall anchors
- 2 x Dry wall screws
- Safety user manual

## 1.1. WALL MOUNTING

Drill two holes and screw the Alloy Leak Sensor+ v1.2 back plate onto the wall. Make sure that it is leveled. The Wall-plate allows for simple, error-free installation.

- ① Remove back plate from the Alloy Leak Sensor+ v1.2 and screw it on the wall



- ② Press Alloy Leak Sensor+ v1.2 on back plate and continue





## 1.2. POWER UP

Alloy Leak Sensor+ v1.2 will turn ON when you plug Sensor probe or Sensor wire. Alloy Leak Sensor+ v1.2 goes to sleep after 5 minutes if not included, or after sending all information over Z-Wave® (3-4 seconds) if included.



## 1.3. INCLUSION/ADDING

Set the Alloy Leak Sensor+ v1.2 in inclusion/adding mode. Hold the inclusion/add button for 3 seconds, and the white LED will turn on for 1 second. After that, release the button, wait 3-5 seconds, and the inclusion/adding will start. During inclusion/adding the Alloy Leak Sensor+ v1.2 will keep flashing blue. When the inclusion/adding process is complete, green light will flash 5 times in quick success.

## SMARTSTART

This device supports SmartStart. The QR code can be found on the Alloy Leak Sensor+ v1.2, below the lid and on the packaging.

The device will enter SmartStart if the device is not included in the network after power up. And if the device is not included successfully during 10 seconds, it will enter sleep mode. And then

2nd SmartStart time delay approximately 16s

3rd SmartStart time delay approximately 32s

4th SmartStart time delay approximately 64s

5th SmartStart time delay approximately 128s

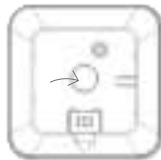
Afterwards, if still not included after 5 minutes have elapsed, device shuts down until manually woken up for a new 5 minute SmartStart interval.

## LOCATION OF THE SECURITY 2 DSK ON THE PRODUCT

On the product, DSK PIN code can be found below the back plate on the bottom of the product. Full Security 2 DSK code can be found on the packaging box.

## 1.4. EXCLUSION/ REMOVING

Set the Alloy Leak Sensor+ v1.2 in exclusion/remove mode. Hold the inclusion/add button for 3 seconds and the white LED will turn on for 1 second. After that, release the button, wait 3-5 seconds, and the exclusion/removing will start. During exclusion/removing, the Alloy Leak Sensor+ v1.2 will turn on its red LED. When the exclusion/removing process is complete, red light will flash 5 times in quick success.



## 1.5. POWER DOWN

To turn the Alloy Leak Sensor+ v1.2 OFF, remove Sensor probe or Sensor wire.

## 1.6. FACTORY RESET

Hold the inclusion button for 7 seconds and Alloy Leak Sensor+ v1.2 will Factory reset. Alloy Leak Sensor+ v1.2 will beep and red LED will flash 4 times to indicate the Factory reset was successful. Please use this procedure only when the network's primary controller is missing or otherwise inoperable.

## 1.7. PRODUCT IDENTIFICATION

Alloy Leak Sensor+ v1.2 can be identified using the Indicator Command Class with the Indicator ID 0x50. Alloy Leak Sensor+ v1.2 will flash green 5 times when identified.

## 1.8. WAKE-UP

Press the inclusion button once to manually wake-up the device. It will flash yellow for 1 second.

## 1.9. TAMPER

Alloy Leak Sensor+ v1.2 detects when it is mounted or un-mounted.

When un-mounted sensor will beep and flash red 5 times to indicate tampering. When mounted it will beep and flash green once.

In both cases, a respective tamper notification will be sent on Z-Wave®. Additionally tamper notification is sent on wake ups.

## 2.0. | SPECIFICATIONS

### ➞ MODEL NUMBER

als+1.2.zw8us

### ➞ RADIO PROTOCOL

Z-Wave® 800

Z-Wave Plus®

### ➞ POWER SUPPLY

Single CR-2/3 3.0V battery

### ➞ OPERATING TEMPERATURE

0°C TO +70°C (32°F TO 158°F)

### ➞ RADIO FREQUENCY

908.40MHZ, 916.00MHZ - US

### ➞ IP RATING

IP66

### ➞ RANGE

Up to 45m (147 ft) indoors (depending on the building structure), and up to 60m (196 ft) outdoors.

### ➞ DIMENSIONS

63 x 63 X 24 mm

2.48 x 2.48 x 0.94 inch

## COMMAND CLASSES

COMMAND CATEGORY	SUPPORTED
Command classes	<ul style="list-style-type: none"> <li>• DT:13.11.0001.1 Z-Wave Plus® v2 Device Type Specification</li> <li>• Main Endpoint</li> </ul>
4.6.3.1 Generic and Specific Device Class	<p>The Notification Sensor Device Type MUST use the following Device Classes:</p> <ul style="list-style-type: none"> <li>• GENERIC_TYPE_SENSOR_NOTIFICATION (0x07)</li> <li>• SPECIFIC_TYPE_NOTIFICATION_SENSOR (0x01)</li> </ul>
Supported Command Classes (non-secure)	<ul style="list-style-type: none"> <li>• Z-Wave Plus® Info V2</li> <li>• Security S2 V1</li> <li>• Supervision V1</li> <li>• Transport Service V2</li> </ul>
Supported Command Classes (Secured with the highest granted security level)	<ul style="list-style-type: none"> <li>• Association Group Info V3</li> <li>• Association V2</li> <li>• Battery V1</li> <li>• Configuration V4</li> <li>• Device Factory reset Locally V1</li> <li>• Firmware Update Meta-Data V5</li> <li>• Indicator V3</li> <li>• Manufacturer Specific V2</li> <li>• Multi-Channel Association V3</li> <li>• Notification V8</li> <li>• Powerlevel V1</li> <li>• Version V3</li> <li>• Wake Up V2</li> <li>• Sensor Multi-Level V11</li> </ul>

# CONFIGURATION PARAMETERS

CURRENT CONFIGURATION PARAMETERS	PARAMETER NUMBER	SIZE (BYTE)	AVAILABLE SETTINGS
<b>1. Disable Audio / Beep Alarm</b> If this configuration value is set to '0', it will disable the audible buzzer/beeping when a flood is detected.	1	1	0,1



## ASSOCIATIONS

Alloy Leak Sensor+ v1.2 supports 2 association groups, and each group supports the max of 1 associate node.

**Group 1** is a Lifeline Group; all nodes which are associated in this group will receive the messages sent by the Alloy Leak Sensor+ v1.2 through Lifeline.

**Group 2** is a controlling group. All nodes associated in this group will be controlled through the BASIC\_SET command by the Alloy Leak Sensor+ v1.2 when it detects a water leakage event. The Command Class, supported by each association group, is shown in the table below:

GROUP	COMMAND CLASS	EVENT
1 (Lifeline)	COMMAND_CLASS_NOTIFICATION COMMAND_CLASS_SENSOR_BINARY COMMAND_CLASS_BATTERY COMMAND_CLASS_INDICATOR COMMAND_CLASS_DEVICE_RESET_LOCALLY	NOTIFICATION_REPORT SENSOR_BINARY_REPORT BATTERY_REPORT INDICATOR_REPORT DEVICE_RESET_LOCALLY_NOTIFICATION
2 (Control)	COMMAND_CLASS_BASIC	BASIC_SET



## WATER LEAKAGE REPORT

When Alloy Leak Sensor+ v1.2 detects a leak, it will automatically send the notification report to nodes associated in the Lifeline.

COMMAND CLASS	COMMAND_CLASS_NOTIFICATION
COMMAND	NOTIFICATION_REPORT
TYPE	WATER_ALARM (0x05)
EVENT	WATER_LEAK_DETECTED_UNKNOWN_LOCATION (0x02) WATER_ALARM_NO_EVENT (0x00)
COMMAND	NOTIFICATION_REPORT
TYPE	HOME_SECURITY (0x07)
EVENT	TAMPERING_PRODUCT_MOVED (0x09) STATE_IDLE (0x00)

## WAKE UP COMMAND CLASS

Alloy Leak Sensor+ v1.2 stays in sleep state for the majority of time in order to conserve battery life. The minimum wakeup interval is 20 sec. The maximum wakeup interval is 86400 sec (24 Hours). Allowable min step among each wake-up interval is 60 seconds, such as 1860 sec, 1920 sec, 1980 sec...

## NOTE

The default value is 2 hours with factory default. Higher value means longer battery life.

## BATTERY COMMAND CLASS

The users can also inquire about the battery status of the Alloy Leak Sensor+ v1.2 by sending the BATTERY GET command.

Once the Alloy Leak Sensor+ v1.2 receives the command, it will return the BATTERY REPORT command. The Alloy Leak Sensor+ v1.2 will send BATTERY REPORT = 0xFF command to the Z-Wave® Controller to inform that the Alloy Leak Sensor+ v1.2 is in dead battery status, the otherwise BATTERY REPORT value range is from 0% to 100%.

When the Alloy Leak Sensor+ v1.2 is powered on, the LED will flash twice, indicating the battery level:

Green - 3V, Blue - 3V - 2.8V, Red - 2.7V - dead battery

## SECURITY KEYS

Security level	Supported (Yes/No)
SECURITY_KEY_S0	No
SECURITY_KEY_S2_UNAUTHENTICATED	Yes
SECURITY_KEY_S2_AUTHENTICATED	Yes
SECURITY_KEY_S2_ACCESS	No

## LED INDICATOR

Device action	LED color	LED display interval
Inclusion/ adding	Blue	Flashing every 2 seconds until included
Battery half full (on device power on)		Two 1s flashes
Inclusion/add success	Green	Flash 6 times at 500 ms intervals
Battery full (on device power on)		Two 1s flashes
Wake up	Yellow	Flash 500 ms once
Exclusion/ removing	Red	Flash 1s
Exclusion/ removing success		Five 500ms flashes
Battery low (on device power on)		Two 1s flashes
Factory reset		4 flashes
Inclusion/ exclusion	White	Flash 1s

## 3.0. | SAFETY

- Read, keep and follow these instructions.
- Do not install the Alloy Leak Sensor+ v1.2 near any water vapor or smoke.
- Do not submerge the Alloy Leak Sensor+ v1.2 in water.
- Do not attempt to replace the battery, it can be replaced only by a certified installer.
- Do not open the Alloy Leak Sensor+ v1.2.
- Keep away from children.
- Do not expose to open flame - flammable product.
- Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.

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## **Disclaimer**

Some content and services accessible through this device belong to third parties and are protected by copyright, patent, trademark and/or other intellectual property laws. Such content and services are provided solely for your personal non-commercial use. You may not use any content or services in a manner that has not been authorised by the content owner or service provider.

Without limiting the foregoing, unless expressly authorised by the applicable content owner or service provider, you may not modify, copy, republish, upload, post, transmit, translate, sell, create derivative works, exploit, or distribute in any manner or medium any content or services displayed through this device.

## 5.0. | ONE (1) YEAR LIMITED WARRANTY

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accessories used in conjunction with a covered Product; e) a Product or part that has been modified to alter functionality or capability; f) items intended to be periodically replaced by the purchaser during the normal life of the Product, including, without limitation, batteries, bulbs or cables; g) a Product that is used commercially or for a commercial purpose, in each case as determined by Alloy Home.

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SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

This warranty gives you specific legal rights and you may also have other rights, which vary from country to country. To exercise your rights under this warranty, please follow the instructions above under the heading “Obtaining Service”, or contact Alloy Home, LLC, 8665 E. Hartford Drive, Suite 200, Scottsdale, AZ 85255. Alloy Home Hub is a registered trademark of Alloy Home, LLC

Manufacturer / Importer:

8665 E. Hartford Drive, Suite 200, Scottsdale, AZ 85255

## 6.0. | DECLARATION OF CONFORMITY

We, Alloy Home, LLC, 8665 E. Hartford Drive, Suite 200, Scottsdale, AZ 85255, declare that the product Alloy Home Hub is in compliance with all the technical regulations applicable to the product within the scope of Council Directives 2014/53/EU.

Manufacturer's Name: Alloy Home, LLC

Address: 8665 E. Hartford Drive, Suite 200, Scottsdale, AZ 85255

Product name: Alloy Leak Sensor+ v1.2

Operating Temperature: -10° C to 35° C

This device in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. All essential radio test suites have been carried out.

1. CAUTION: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS
2. The product shall only be connected to a USB interface of version USB 2.0



3. Adapter shall be installed near the equipment and shall be easily accessible.
  4. The plug considered as disconnect device of an adapter.
  5. The device complies with RF specifications when the device used at 0mm from your body.
- RF output power: This product can be used across EU member states.

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. To maintain compliance with FCC's RF Exposure guidelines, this equipment should be installed and operated at distance greater than 20 cm from your body. Use only the supplied antenna.

FCC ID: 2AAU7-ALSP12

IC: 11391A-ALSP12



### IC Caution

RSS-Gen Issue 5 April 2018" & "CNR-Gen 5e April 2018:

- English: 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.

### Radiation Exposure Statement

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- French: 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; (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Déclaration d'exposition aux radiations

Cet équipement est conforme Canada limites d'exposition aux radiations dans un environnement non contrôlé. Cet équipement doit être installé et utilisé à distance minimum de 20cm entre le radiateur et votre corps.

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