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› [ZOOZ](#) /

› [Zooz 800 Series Z-Wave Long Range Water Leak XS Sensor ZSE42 800LR for for Smart Flood Prevention. Hub Required \(Sold Separately\). Compatible with SmartThings, Hubitat, and Z-Box Hub.](#)

ZOOZ ZSE42

Zooz 800 Series Z-Wave Long Range Water Leak XS Sensor

Model: ZSE42 800LR

Brand: ZOOZ

1. INTRODUCTION AND OVERVIEW

The Zooz 800 Series Z-Wave Long Range Water Leak XS Sensor (Model ZSE42 800LR) is a compact device designed to detect water leaks and help prevent potential water damage in your home or property. When water is detected, the sensor sends an alert to your compatible Z-Wave hub, allowing you to take immediate action.

This sensor features the new 800 series Z-Wave chip for extended range and improved battery life, and supports Z-Wave Long Range technology for ultra-stable communication with compatible hubs. Its extra-small design and IP66 rating make it ideal for discreet placement under appliances or in other areas prone to leaks.



Image: The Zooz Water Leak XS Sensor (white, rectangular) next to its black product box, which displays "water leak xs sensor ZSE42 800LR".

2. SAFETY INFORMATION

- This device is intended for **indoor use only**. Do not expose it to direct water spray or submersion.
- The sensor operates on a single CR2450 battery. Ensure correct polarity when inserting the battery.
- Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.
- Keep batteries out of reach of children. If swallowed, seek medical attention immediately.
- Operating Temperature: 32-104° F (0-40° C).

3. PRODUCT FEATURES

- **Advanced Leak Detection:** Provides instant alerts to your Z-Wave hub upon water detection.
- **Extra Small Design:** Compact dimensions (2.4" x 1.4" x 0.4") allow for discreet placement.
- **New 800 Series Chip:** Offers enhanced Z-Wave range and extended battery life.
- **Z-Wave Long Range Ready:** Supports ultra-stable direct communication with compatible Z-Wave Long Range hubs.
- **Durable Construction:** Features a fully sealed battery cover and IP66 rating for protection against dust and powerful water jets.
- **Enhanced Security:** Equipped with S2 security and SmartStart for fully encrypted communication and simplified inclusion.

Get an alert.



Prevent damage.

zooz™

Image: A white Zooz Water Leak XS Sensor resting on a wooden surface with a puddle of water next to it. Text overlays read "Get an alert. Prevent damage."

4. SETUP AND INSTALLATION

4.1. Battery Installation

The sensor comes with a CR2450 battery included. To install or replace the battery:

1. Locate the battery compartment cover on the back of the sensor.
2. Gently twist or slide the cover to open it (refer to the diagram on the back of the sensor for specific instructions).
3. Insert the CR2450 battery, ensuring the positive (+) side faces upwards.
4. Replace the battery compartment cover, ensuring it is fully sealed to maintain the IP66 rating.



Image: The Zooz Water Leak XS Sensor with its circular battery cover removed, revealing the slot for a CR2450 lithium battery. The battery itself is shown next to the sensor.

4.2. Z-Wave Inclusion (Pairing with your Hub)

This sensor requires a compatible Z-Wave hub (sold separately) to function. It is supported by open Z-Wave systems only. The sensor supports SmartStart for easy inclusion.

Compatible Z-Wave Hubs include:

- Z-Box Hub (recommended for best performance)
- SmartThings
- Hubitat
- Home Assistant
- HomeSeer
- Ezlo hubs

Incompatible Systems: This device will **NOT** work with Wink or Z-Wave alarm panels such as Ring Alarm, ADT, Vivint, Alarm.com, Qolsys, or 2GIG.

Inclusion Steps (General):

1. Put your Z-Wave hub into inclusion (pairing) mode. Refer to your hub's specific instructions for this step.
2. For SmartStart inclusion, scan the QR code on the back of the sensor using your hub's app (if supported).
3. Alternatively, if your hub does not support SmartStart, follow its manual inclusion process. This typically involves pressing a button on the sensor (e.g., the Z-Wave button on the back) a certain number of times.
4. Once successfully included, the sensor will appear in your hub's device list.



Image: The back of the Zooz Water Leak XS Sensor, displaying a QR code for SmartStart, the model number ZSE42 800LR, battery type, FCC ID, UPC, and Z-Wave Plus LR certification logos.

5. OPERATING INSTRUCTIONS

Once successfully paired with your Z-Wave hub, the Zooz Water Leak XS Sensor will continuously monitor for the presence of water. When water is detected by the sensor's contacts, it will immediately send a signal to your Z-Wave hub.

- **Alerts:** Your Z-Wave hub will receive the leak detection signal and can be configured to trigger various actions, such as sending notifications to your phone, sounding an alarm, or activating other smart devices.
- **Automation:** For advanced flood prevention, you can create automations within your Z-Wave hub to pair the sensor with devices like the [Zooz Titan Water Valve Actuator](#) (sold separately). This allows for automatic water shut-off when a leak is detected.
- **Placement:** Place the sensor in areas where water leaks are likely to occur, such as under sinks, near water heaters, washing machines, dishwashers, or in basements. Ensure the sensor's contacts are positioned to come into contact with water.

6. MAINTENANCE

- **Battery Replacement:** The sensor uses a CR2450 lithium battery. When the battery level is low, your Z-Wave hub should report a low battery status. Replace the battery promptly to ensure continuous operation. Refer to Section 4.1 for battery installation steps.
- **Cleaning:** Wipe the sensor with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water.
- **Regular Testing:** Periodically test the sensor by placing its contacts in a small amount of water to ensure it is functioning correctly and sending alerts to your hub.

7. TROUBLESHOOTING

If you experience issues with your Zooz Water Leak XS Sensor, try the following troubleshooting steps:

- **Sensor not pairing with hub:**
 - Ensure your hub is in inclusion mode.
 - Make sure the sensor is within range of your Z-Wave hub or a Z-Wave repeater.
 - Check the battery level. Replace if low.
 - Try excluding the sensor first (if it was previously paired) and then re-including it.
 - Verify your hub is compatible (refer to Section 4.2).
- **No alerts when water is detected:**
 - Confirm the sensor is successfully paired and showing as "online" in your hub's interface.
 - Check your hub's automation rules or notification settings to ensure they are correctly configured for the leak sensor.
 - Ensure the sensor contacts are clean and making proper contact with water.
- **Short battery life:**
 - Ensure you are using a fresh, high-quality CR2450 lithium battery.
 - Frequent water detection events can drain the battery faster.
 - Ensure good Z-Wave signal strength; a weak signal can cause the sensor to work harder, consuming more power.

For further assistance, please contact Zooz support.

8. SPECIFICATIONS

Feature	Detail
Model Number	ZSE42 800LR
Z-Wave Chip	800 series
Z-Wave Region	US / CA / MX
Power Source	1 x CR2450 battery (included)
Voltage	3 Volts (DC)
Z-Wave Range	Up to 300 feet in open space (or up to 1300 feet with Z-Wave Long Range)
Operating Temperature	32-104° F (0-40° C)
Dimensions	2.4" x 1.4" x 0.4"
Installation and Use	Indoor only
IP Rating	IP66
UPC	853478006421
Manufacturer	Zooz

9. WARRANTY AND SUPPORT

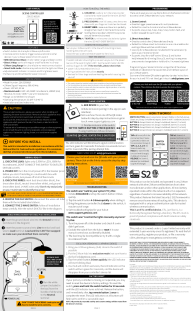

The Zooz Water Leak XS Sensor is covered by an extended **5-year limited warranty** once registered. Zooz also provides lifetime technical support 7 days a week.


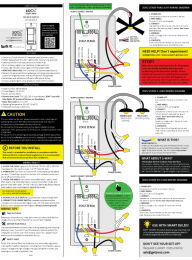


For technical assistance, warranty claims, or any questions regarding your device, please visit the official Zooz support website:

www.support.getzooz.com

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Related Documents - ZSE42


	<p>Zooz ZEN32 800LR Z-Wave Long Range Scene Controller Switch User Manual</p> <p>Comprehensive user manual for the Zooz ZEN32 800LR Z-Wave Long Range Scene Controller Switch. Includes installation guides, specifications, features, programming, and troubleshooting for smart home automation.</p>
	<p>ZOOZ ZEN15 800LR Z-Wave Plus Long Range Power Switch User Manual</p> <p>User manual for the ZOOZ ZEN15 800LR Z-Wave Plus Long Range Power Switch, detailing features, specifications, installation, advanced settings, troubleshooting, and warranty information for smart home automation.</p>

	<p>Zooz ZEN05 800LR Outdoor Smart Plug User Manual & Setup Guide</p> <p>Comprehensive user manual for the Zooz ZEN05 800LR Z-Wave Plus Outdoor Smart Plug. Learn about features, installation, troubleshooting, and advanced settings for reliable smart home control.</p>
	<p>Zooz ZEN30 800LR Z-Wave Long Range Double Switch User Manual and Installation Guide</p> <p>Comprehensive guide for the Zooz ZEN30 800LR Z-Wave Long Range Double Switch. Covers features, specifications, wiring diagrams, manual and Z-Wave control, advanced settings, troubleshooting, and safety information.</p>
	<p>Zooz ZEN77 800LR Z-Wave Plus S2 Dimmer Switch User Manual</p> <p>User manual for the Zooz ZEN77 800LR 800 Series Z-Wave Plus S2 Dimmer Switch, detailing installation, setup, features, advanced settings, and troubleshooting for smart home lighting control.</p>
	<p>Zooz ZEN35 800LR Z-Wave Dimmer & Scene Controller User Manual</p> <p>Comprehensive user manual for the Zooz ZEN35 800LR Z-Wave Dimmer & Scene Controller, covering installation, wiring, programming, advanced settings, and troubleshooting.</p>

USER MANUAL

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WATER LEAK XS SENSOR
ZSE42 800LR



www.getzooz.com

FC S2

FEATURES

- Quick and reliable water leak alerts sent to your Z-Wave® hub.
- NEW 800 series chip for faster communication and more battery life than ever.
- Extra small to fit anywhere.
- Z-Wave® Long Range for ultra reliable no-mesh communication.
- The latest S2 security and SmartStart for secure setup.
- Supports OTA firmware updates.

SPECIFICATIONS

- Model Number: ZSE42 800LR
- Power: 1 x CR2450 battery
- Operating Temperature: 32° ~ 104°F
- Range: Up to 130 feet line of sight (up to 1300 ft with Long Range)
- Installation and Use: Indoor or outdoor under eave (can't be exposed to direct rain fall or sun, a little splash is OK)
- Dimensions: 2.4" x 1.4" x 0.4"

INSTALLATION


1. INSTALL THE BATTERY

Use the included round tool to gently twist the battery cover to the left to open it. Insert the battery with positive (+) side UP, sliding it under the holding block as shown in the image below. Close the cover with the same round tool by twisting it gently to the right. The LED indicator on the front of the sensor (top right corner) will start blinking for around 10 seconds once the sensor is powered.

The LED indicator doesn't blink or light up at all!

- Make sure the battery is inserted correctly per the positive / negative pole marks.
- Try a fresh lithium non-rechargeable battery.
- Click the Z-Wave® button 3 times as quickly as possible to force inclusion/exclusion mode in case you missed when it first flashed.

SCAN QR CODE FOR SMART START INCLUSION



Z-WAVE® BUTTON
3 x CLICK TO PAIR

Z-WAVE® CONTROL

1. ADD DEVICE to your hub

Initiate inclusion (pairing) in the app (or web interface). Not sure how? ask@getzooz.com. If you're using an S2 hub, it will ask you to enter the DSK PIN or scan the QR code printed on the inside of the back cover of the sensor to complete SmartStart inclusion.

2. ACTIVATE the sensor


While the hub is looking for new devices, click the Z-Wave® button 3 times as quickly as possible. The LED indicator will start flashing to confirm inclusion mode and turn off once inclusion is completed.

TIP!


It's best to add your sensor from the area where it will be installed so the hub can find the best route to reach it right away.

PAGE 1


SmartStart enabled products can be added into a Z-Wave® network by scanning the Z-Wave® QR Code present on the product with a controller providing SmartStart inclusion. No further action is required and the SmartStart product will be added automatically within 10 minutes of being switched on in the network vicinity. Choose your hub and scan the QR code with your phone's camera. Then click on the link to access the step-by-step pairing instructions.



Z-Wave Hub



Hubitat



Home Assistant



SmartThings

TROUBLESHOOTING

The sensor won't add to your system? Try this:

1. Initiate **EXCLUSION** in your hub and click the Z-Wave® button 3 times as quickly as possible.
2. Click the Z-Wave® button **quicker** when adding it.
3. Bring the sensor **closer** to your hub, it may be out of range.
4. Double-check if the device is powered.
5. Get troubleshooting tips specific to your hub at www.support.getzooz.com

EXCLUSION (REMOVE DEVICE)

1. Bring the sensor within **direct range** of your Z-Wave® hub.
2. Put the Z-Wave® hub into **exclusion** mode (not sure how to do that? ask@getzooz.com).
3. Click the **Z-Wave® button 3 times** as quickly as possible.
4. Your hub will confirm exclusion and the sensor will disappear from your controller's device list.

FACTORY RESET

When your network's primary controller is missing or otherwise inoperable, you may need to reset the device to factory settings manually. In order to complete the process, make sure the sensor is powered, then **click the Z-Wave® button twice and hold it the third time for 10 seconds**. The LED indicator will blink continuously. **Immediately after, click the Z-Wave button twice more to finalize the reset**. The LED indicator will flash 3 times to confirm a successful reset.

NOTE: All previously recorded activity and custom settings will be erased from the device's memory.

WAKE-UP MODE

The sensor's wake-up interval is set to 12 hours by default to save battery life. Use the Wake Up Command Class to adjust the interval. **Click the Z-Wave® button 4 times quickly to wake the sensor up manually**. The LED indicator will flash once to confirm the device is awake. During wake-up, the sensor turns the Z-Wave® radio on for one minute to receive communication from the hub. Long wake-up interval will not affect how often the sensor reports to your hub so we recommend leaving the default setting to conserve battery.

ASSOCIATION

The XS Sensor supports Group 1 for Line Line communication and Group 2 with up to 5 devices for basic on/off control. This device will send a Basic Set command to Group 2 whenever it detects water. The value of the basic set command sent to Group 2 can be adjusted in the advanced settings to customize the sensor's behavior.

Please note that not all Z-Wave® systems give users access to direct association settings so if you're not sure where to find it, please get in touch with our support and we'll be happy to help.

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[pdf] User Manual Instructions Specifications Dimension Guide

zooz zse42 800lr manual cdr A Lo Zooz ZSE42 800LR Manufacturer Manual products z wavealliance org

ProductManual File folder filename cert portal certs 880 |||

USER MANUAL WATER LEAK XS SENSOR**ZSE42** 800LR SmartStart enabled products can be added into a Z-Wave network by scanning the Z-Wave QR Code present on the product with a controller providing SmartStart inclusion. No further action is required and the SmartStart product will be added automatically wi... lang:en **score:49** filesize: 301.65 K page_count: 2 document date: 2024-02-02



ZOOZ
bright ideas

WATER LEAK XS SENSOR
ZSE42



FEATURES

- Quick and reliable water leak alerts sent to your Z-Wave hub
- NEW 700 series chip for faster communication and more battery life than ever
- Extra small to fit anywhere
- Powered by a long-lasting single coin battery
- The latest S2 security and SmartStart for secure set-up
- Supports OTA firmware updates

SPECIFICATIONS

- Model Number: ZSE42
- Power: 1 x CR2032 battery
- Operating Temperature: 32° – 104° F
- Dimensions: 1.9" x 1" x 0.3"
- Range: Up to 130 feet line of sight
- Installation and Use: Indoor or outdoor under eave (can't be exposed to direct rainfall or sun, a little splash is OK)

INSTALLATION

1. POWER THE SENSOR

2. POWER THE SENSOR
Use a small flat screwdriver to gently open the sensor's cover and access the battery. Pull the tab from under the battery to activate the sensor. Don't close the cover just yet. The LED indicator will start blinking for around 10 seconds once the sensor is powered.



The LED indicator doesn't blink or light up at all?

- Make sure the battery is inserted correctly per the positive / negative pole marks.
- Try a fresh lithium non-rechargeable battery.
- Click the Z-Wave button 3 times as quickly as possible to force inclusion / exclusion mode in case you missed when it first flashed.

LED INDICATOR

**Z-WAVE
BUTTON**
3 x CLICK
TO PAIR



Z-WAVE CONTROL

1. ADD DEVICE to your hub

Initiate inclusion (pairing) in the app (or web interface). Not sure how? ask@getaoz.com

If you're using an S2 hub, it will ask you to enter the DSK PIN or scan the QR code printed on the inside of the back cover of the sensor to complete SmartStart inclusion.

2. ACTIVATE the sensor

While the hub is looking for new devices, **click the Z-Wave button 3 times** as quickly as possible. The LED indicator will start flashing to confirm inclusion mode and turn off once inclusion is completed.

TIP!

It's best to add your sensor from the area where it will be installed so the hub can find the best route to reach it right away.

NEED SOME HELP?
ask@getzooz.com

Choose your hub and scan the QR code with your phone's camera. Then click on the link to access the step-by-step pairing instructions.



CASEVIEW



Habitat



Home Assistant



Veren

Get more tutorials and helpful tips at
www.support.getacoz.com

TROUBLESHOOTING

The sensor won't add to your system? Try this:

1. Initiate **EXCLUSION** in your hub and click the Z-Wave button 3 times as quickly as possible.
2. Click the Z-Wave button **quicker** when adding it.
3. Bring the sensor **closer** to your hub, it may be out of range.
4. Double-check if the device is powered.
5. Get troubleshooting tips specific to your hub at www.support.getzooz.com

EXCLUSION (REMOVE DEVICE)

1. Bring the sensor within **direct range** of your Z-Wave hub.
2. Put the Z-Wave hub into **exclusion mode** (not sure how to do that? ask@getzooz.com).
3. Click the **Z-Wave button 3 times** as quickly as possible.
4. Your hub will confirm exclusion and the sensor will disappear from your controller's device list.

FACTORY RESET

When your network's primary controller is missing or otherwise inoperable, you may need to reset the device to factory settings manually. In order to complete the process, make sure the sensor is powered, then **click the Z-Wave button twice and hold it the third time for 10 seconds**. The LED indicator will blink continuously. **Immediately after, click the Z-Wave button twice more to finalize the reset**. The LED indicator will flash 3 times to confirm a successful reset.

NOTE: All previously recorded activity and custom settings will be erased from the device's memory.

WAKE-UP MODE

The sensor's wake-up interval is set to 12 hours by default to save battery life. Use the WakeUp Command Class to adjust the interval. **Click the Z-Wave button 4 times quickly to wake the sensor up manually.** The LED indicator will flash once to confirm the device is awake. During wake-up, the sensor turns the Z-Wave radio on for one minute to receive communication from the hub. Long wake-up interval will not affect how often the sensor reports to your hub so we recommend leaving the default setting to conserve battery.

ASSOCIATION

The XS Sensor supports Group 1 for Lifeline communication and Group 2 with up to 5 devices for basic on/off control. This device will send a Basic Set command to Group 2 whenever it detects water. The value of the basic set command sent to Group 2 can be adjusted in the advanced settings to customize the sensor's behavior. Please note that not all Z-Wave systems give users access to direct association settings so if you're not sure where to find it, please get in touch with our support and we'll be happy to help.

USER MANUAL

ZOOZ[®]
smart move

WATER LEAK XS SENSOR
ZSE42 800LR



www.getzooz.com
S2

FEATURES

- Quick and reliable waterleak alerts sent to your Z-Wave hub
- NEW 800 series chip for faster communication and more battery life than ever
- Extra small to fit anywhere
- Z-Wave Long Range for ultra reliable no-mesh communication
- The latest S2 security and SmartStart for secure setup
- Supports OTA firmware updates

SPECIFICATIONS

- Model Number: ZSE42 800LR
- Power: 1 x CR2450 battery
- Operating Temperature: 32° - 104°F
- Range: Up to 130 feet line of sight (up to 1300 ft with Long Range)
- Installation and Use: Indoor or outdoor under eave (can't be exposed to direct rain fall or sun, a little splash is OK)
- Dimensions: 2.4" x 1.4" x 0.4"

INSTALLATION

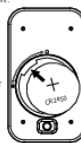
1. INSTALL THE BATTERY

Use the included round tool to gently twist the battery cover 90° to the left to open it. Insert the battery with positive + side UP, sliding it under the holding block as shown in the image below:

Close the cover with the same round tool by twisting it 90° to the right. The LED indicator on the front of the sensor (top right corner) will start blinking for around 10 seconds once the sensor is powered.

The LED indicator doesn't blink or light up at all!

- Make sure the battery is inserted correctly per the positive / negative pole marks.
- Try a fresh lithium non-rechargeable battery.
- Click the Z-Wave button 3 times as quickly as possible to force inclusion/exclusion mode in case you missed when it first flashed.



SCAN QR CODE FOR SMART START (INCLUSION)

Z-WAVE BUTTON 3 x CLICK TO PAIR



Z-WAVE CONTROL

1. ADD DEVICE to your hub

Initiate inclusion (pairing) in the app (or web interface). Not sure how? ask@getzooz.com If you're using an S2 hub, it will ask you to enter the DSK PIN or scan the QR code printed on the inside of the back cover of the sensor to complete SmartStart inclusion.

2. ACTIVATE the sensor

While the hub is looking for new devices, **click the Z-Wave button 3 times** as quickly as possible. The LED indicator will start flashing to confirm inclusion mode and turn off once inclusion is completed.

TIP!

It's best to add your sensor from the area where it will be installed so the hub can find the best route to reach it right away.

PAGE 1

NEED SOME HELP?
ask@getzooz.com

Choose your hub and scan the QR code with your phone's camera. Then click on the link to access the step-by-step pairing instructions.



Z-Box Hub



Hubitat



Home Assistant



SmartThings

Get more tutorials and helpful tips at
www.support.getzooz.com

TROUBLESHOOTING

The sensor won't add to your system? Try this:

1. Initiate **EXCLUSION** in your hub and click the Z-Wave button 3 times as quickly as possible.
2. Click the Z-Wave button **quicker** when adding it.
3. Bring the sensor **closer** to your hub, it may be out of range.
4. Double-check if the device is powered.
5. Get troubleshooting tips specific to your hub at www.support.getzooz.com

EXCLUSION (REMOVE DEVICE)

1. Bring the sensor within **direct range** of your Z-Wave hub.
2. Put the Z-Wave hub into **exclusion** mode (not sure how to do that? ask@getzooz.com).
3. Click the **Z-Wave button 3 times** as quickly as possible.
4. Your hub will confirm exclusion and the sensor will disappear from your controller's device list.

FACTORY RESET

When your network's primary controller is missing or otherwise inoperable, you may need to reset the device to factory settings manually. In order to complete the process, make sure the sensor is powered, then **click the Z-Wave button twice and hold it the third time for 10 seconds**. The LED indicator will blink continuously. **Immediately after, click the Z-Wave button twice more to finalize the reset**. The LED indicator will flash 3 times to confirm a successful reset.

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WAKE-UP MODE

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PAGE 2

[pdf] User Manual Instructions Troubleshooting Guide Specifications Dimension Guide

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USER MANUAL zooz smart move WATER LEAK XS SENSOR ZSE42 800LR NEED

SOME HELP ask getzooz.com Choose your hub and scan the QR code with your

phone s camera. Then click on the link to access the step-by-step pairing instructions.

www.getzooz.com S2 Z-Box Hub Hubitat FEATURES Y Quick and reliable...

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USER MANUAL

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WATER LEAK XS SENSOR ZSE42



www.getzooz.com
S2
Firmware 1.30

FEATURES

- Quick and reliable water leak alerts sent to your Z-Wave hub
- NEW 700 series chip for faster communication and more battery life than ever
- Extra small to fit anywhere
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SPECIFICATIONS

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- Range: Up to 130 feet line of sight
- Installation and Use: Indoor or outdoor under eave (can't be exposed to direct rainfall or sun, a little splash is OK)

INSTALLATION

1. POWER THE SENSOR

Use a small flat screwdriver to gently open the sensor's cover and access the battery. Pull the tab on under the battery to activate the sensor. Don't close the cover just yet. The LED indicator will start blinking for around 10 seconds once the sensor is powered.

The LED indicator doesn't blink or light up at all!

- Make sure the battery is inserted correctly per the positive / negative pole marks.
- Try a fresh lithium non-rechargeable battery.
- Click the Z-Wave button 3 times as quickly as possible to force inclusion/exclusion mode in case you missed when it first flashed.

LED INDICATOR

Z-WAVE
BUTTON
3 x CLICK
TO PAIR



Z-WAVE CONTROL

1. ADD DEVICE to your hub

Initiate inclusion (pairing) in the app (or web interface). Not sure how? ask@getzooz.com

If you're using an S2 hub, it will ask you to enter the S2 PIN or scan the QR code printed on the inside of the back cover of the sensor to complete SmartStart inclusion.

2. ACTIVATE the sensor

While the hub is looking for new devices, click the Z-Wave button 3 times as quickly as possible. The LED indicator will start flashing to confirm inclusion mode and turn off once inclusion is completed.

TIP!

It's best to add your sensor from the area where it will be installed so the hub can find the best route to reach it right away.

PAGE 1

NEED SOME HELP? ask@getzooz.com

Choose your hub and scan the QR code with your phone's camera. Then click on the link to access the step-by-step pairing instructions.



SmartThings



Hubitat



Home Assistant



Vera

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www.support.getzooz.com

TROUBLESHOOTING

The sensor won't add to your system? Try this:

1. Initiate **EXCLUSION** in your hub and click the Z-Wave button 3 times as quickly as possible.
2. Click the Z-Wave button **quicker** when adding it.
3. Bring the sensor **closer** to your hub; it may be out of range.
4. Double-check if the device is powered.
5. Get troubleshooting tips specific to your hub at www.support.getzooz.com

EXCLUSION (REMOVE DEVICE)

1. Bring the sensor with in **direct range** of your Z-Wave hub.
2. Put the Z-Wave hub into **exclusion** mode (not sure how to do that? ask@getzooz.com).
3. Click the **Z-Wave button 3 times** as quickly as possible.
4. Your hub will confirm exclusion and the sensor will disappear from your controller's device list.

FACTORY RESET

When your network's primary controller is missing or otherwise inoperable, you may need to reset the device to factory settings manually. In order to complete the process, make sure the sensor is powered, then **click the Z-Wave button twice and hold it the third time for 10 seconds**. The LED indicator will blink continuously. **Immediately after, click the Z-Wave button twice more to finalize the reset**. The LED indicator will flash 3 times to confirm a successful reset.

NOTE: All previously recorded activity and custom settings will be erased from the device's memory.

WAKE-UP MODE

The sensor's wake-up interval is set to 12 hours by default to save battery life. Use the Wake Up Command Class to adjust the interval. **Click the Z-Wave button 4 times quickly to wake the sensor up manually**. The LED indicator will flash twice to confirm the device is awake. During wake-up, the sensor turns the Z-Wave radio on for one minute to receive communication from the hub. Long wake-up interval will not affect how often the sensor reports to your hub so we recommend leaving the default setting to conserve battery.

ASSOCIATION

The XS sensor supports Group 1 for Line Line communication and Group 2 with up to 5 devices for basic on/off control. This device will send a Basic Set command to Group 2 whenever it detects water. The value of the basic set command sent to Group 2 can be adjusted in the advanced settings to customize the sensor's behavior. Please note that not all Z-Wave systems give users access to direct association settings so if you're not sure where to find it, please get in touch with our support and we'll be happy to help.

PAGE 2

[\[pdf\]](#) User Manual Instructions Troubleshooting Guide Specifications Dimension Guide

21 11 30 zse42 manual cdr A Lo WATER LEAK XS SENSOR ZSE42 FEATURES SPECIFICATIONS

USER MANUAL INSTALLATION LED INDICATOR Z WAVE BUTTON CONTROL 3 x CLICK getzooz

Y Quick and reliable water leak alerts sent to your Wave hub Y NEW 700 series chip for faster

communication more battery life than ever Y Extra small fit anywhere Y Powered by a long lasting single

coin Y The latest S2 security SmartStart secure set up zooz z wave plus xs sensor |||

USER MANUAL WATER LEAK XS SENSOR **ZSE42** NEED SOME HELP ask

getzooz.com Choose your hub and scan the QR code with your phone s camera.

Then click on the link to access the step-by-step pairing instructions.

www.getzooz.com S2 Firmware 1.30 SmartThings Hubitat FEATURES Y Quick and

reliable water...

lang:en **score:37** filesize: 620.48 K page_count: 2 document date: 2022-03-04

USER MANUAL

zooZ

bright ideas

WATER LEAK XS SENSOR

ZSE42



www.getzooz.com



FEATURES

- Quick and reliable water leak alerts sent to your Z-Wave hub
- NEW 800 series chip for faster communication and more battery life than ever
- Extra small to fit anywhere
- Z-Wave Long Range for ultra reliable no-mesh communication
- The latest S2 security and SmartStart for secure set-up
- Supports OTA firmware updates

SPECIFICATIONS

- Model Number: ZSE42
- Power: 1 x CR2032 battery
- Operating Temperature: 32° - 104° F
- Range: Up to 130 feet line of sight
- Installation and Use: Indoor or outdoor under eave (can't be exposed to direct rainfall or sun, a little splash is OK)

INSTALLATION

1. POWER THE SENSOR

Use a small flat screwdriver to gently open the sensor's cover and access the battery. Pull the tab from under the battery to activate the sensor. Don't close the cover just yet. The LED indicator will start blinking for around 10 seconds once the sensor is powered.

The LED indicator doesn't blink or light up at all?

- Make sure the battery is inserted correctly per the positive / negative pole marks.
- Try a fresh lithium non-rechargeable battery.
- Click the Z-Wave button 3 times as quickly as possible to force inclusion/exclusion mode in case you missed when it first flashed.

Z-WAVE BUTTON

3 x CLICK TO PAIR



Z-WAVE CONTROL

1. ADD DEVICE to your hub

Initiate inclusion (pairing) in the app (or web interface). Not sure how? ask@getzooz.com

If you're using an S2 hub, it will ask you to enter the DSA PIN or scan the QR code printed on the inside of the back cover of the sensor to complete SmartStart inclusion.

2. ACTIVATE the sensor

While the hub is looking for new devices, click the Z-Wave button 3 times as quickly as possible. The LED indicator will start flashing to confirm inclusion mode and turn off once inclusion is completed.

TIP!

It's best to add your sensor from the area where it will be installed so the hub can find the best route to reach it right away.

PAGE 1

NEED SOME HELP?

ask@getzooz.com

Choose your hub and scan the QR code with your phone's camera. Then click on the link to access the step-by-step pairing instructions.



SmartThings



Hubitat



Home Assistant



Vera

Get more tutorials and helpful tips at www.support.getzooz.com

TROUBLESHOOTING

The sensor won't add to your system? Try this:

1. Initiate **EXCLUSION** in your hub and click the Z-Wave button 3 times as quickly as possible.
2. Click the Z-Wave button **quicker** when adding it.
3. Bring the sensor **closer** to your hub, it may be out of range.
4. Double-check if the device is powered.
5. Get troubleshooting tips specific to your hub at www.support.getzooz.com

EXCLUSION (REMOVE DEVICE)

1. Bring the sensor with in **direct range** of your Z-Wave hub.
2. Put the Z-Wave hub into **exclusion** mode (not sure how to do that? ask@getzooz.com).
3. Click the **Z-Wave button 3 times** as quickly as possible.
4. Your hub will confirm exclusion and the sensor will disappear from your controller's device list.

FACTORY RESET

When your network's primary controller is missing or otherwise inoperable, you may need to reset the device to factory settings manually. In order to complete the process, make sure the sensor is powered. Then **click the Z-Wave button twice and hold it the third time for 10 seconds**. The LED indicator will blink continuously. **Immediately after, click the Z-Wave button twice more to finalize the reset**. The LED indicator will flash 3 times to confirm a successful reset.

NOTE: All previously recorded activity and custom settings will be erased from the device's memory.

WAKE-UP MODE

The sensor's wake-up interval is set to 12 hours by default to save battery life. Use the Wake Up Command Class to adjust the interval. **Click the Z-Wave button 4 times quickly to wake the sensor up manually**. The LED indicator will flash once to confirm the device is awake. During wake-up, the sensor turns the Z-Wave radio on for one minute to receive communication from the hub. Long wake-up intervals will not affect how often the sensor reports to your hub so we recommend leaving the default setting to conserve battery.

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PAGE 2

[\[pdf\]](#) User Manual Instructions Troubleshooting Guide Specifications
23 7 18 zse42 800lr manual cdr A Lo User Lorenz High Definition LLC ZSE42 Water Leak XS Sensor
2AZ2V 2AZ2VZSE42
USER MANUAL WATER LEAK XS SENSOR **ZSE42** NEED SOME HELP ask
getzooz.com Choose your hub and scan the QR code with your phone s camera.
Then click on the link to access the step-by-step pairing instructions.
www.getzooz.com S2 SmartThings Hubitat FEATURES Y Quick and reliable water
leak alerts s...
lang:en score:37 filesize: 443.33 K page_count: 2 document date: 2023-08-30

Report No.: PTC21040904701E-FC01

FCC TEST REPORT
FCC ID:2AZ2VZSE42

Product Name	Water Sensor
Model Name	ZSE42
Brand Name	ZOOZ
Report No.	PTC21040904701E-FC01

Prepared for

Lorenz High Definition LLC (Zooz)
230 Rt 206, STE 401, Flanders, NJ 07836, United States

Prepared by

Precise Testing & Certification Co., Ltd.
Building 1, No. 6, Tongxin Road, Dongcheng Street, Dongguan, Guangdong, China

Page 1 of 28

[\[pdf\]](#) Test Report

Administrator Test reports Lorenz High Definition LLC ZSE42 Water Sensor 2AZ2VZSE42 zse42

Report No.: PTC21040904701E-FC01 FCC TEST REPORT FCC ID:2AZ2VZSE42

Product Name Model Name Brand Name Report No. : Water Sensor : **ZSE42** : ZOOZ
: PTC21040904701E-FC01 Prepared for Lorenz High Definition LLC Zooz 230 Rt 206,
STE 401, Flanders, NJ 07836 United States Prepared by Precise Testing ...

lang:en score:30 filesize: 2.01 M page_count: 28 document date: 2021-06-09

3WAVE ALLIANCE

3WAVE PLUS

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[Redacted]

[Redacted]

[Redacted]

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Water Sensor products z wavealliance org Z Wave Protocol Implementation Conformance Statement

General Information Product Identifier ZSE42 Brand Name Zooz Version HW 1 FW 00 ZC12 21080294

4280 pics |||

Z-Wave Protocol Implementation Conformance Statement Water Sensor General
Information Product Identifier: Brand Name: Product Version: Z-Wave Certification #:

ZSE42 Zooz HW: 1 FW: 1.00 ZC12-21080294 Product Features Battery Quantity

Battery Type Color Firmware Updatable 1 CR2032 Blue Updatable...

lang:en score:30 filesize: 37.84 K page_count: 2 document date: 2022-01-25

C5266091_X8_Ed.1

Letter of Authorization
Lorenz High Definition LLC (Zooz)

Company: Lorenz High Definition LLC (Zooz)
Address: 230 Rt 206, STE 401, Flanders, NJ 07836, United States

Product Name: Water Sensor
Model Number: ZSE42
FCC Identifier: 2AZ2VZSE42

We authorize LGAI Technological Center S.A., Ronda de la Font del Carme, s/n, 08033 Bellaterra, Spain, to act on our behalf on all matters concerning the above named equipment.

Any individual within LGAI Technological Center S.A. is authorized to act on our behalf and take action on the application.

We declare that authorize LGAI Technological Center S.A., Ronda de la Font del Carme, s/n, 08033 Bellaterra, Spain, is allowed to forward all information related to the approval project to the Federal Communication Commission and to disclose any issue concerning the approval application, any and all acts carried out by LGAI Technological Center S.A. on our behalf shall have the same effect as acts of our own.

Name: Agnes Lorenc Date: 2021-05-26

Title: VP

Signature of applicant: 

1/1


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Adria Galin Pons Letter Authorization Lorenz High Definition LLC ZSE42 Water Sensor 2AZ2VZSE42 zse42

C5266091_X8_Ed.1 Letter of Authorization Lorenz High Definition LLC Zooz

Company: Lorenz High Definition LLC Zooz Address: 230 Rt 206, STE 401, Flanders, NJ 07836 United States Product Name: Water Sensor Model Number: **ZSE42** FCC Identifier: 2AZ2VZSE42 We authorize LGAI Technological Center S.A., ...


lang:en score:30 filesize: 72.48 K page_count: 1 document date: 2021-06-09

	
Report No.: PTC23061400606E-FC03	
FCC TEST REPORT	
FCC ID: 2AZ2V-ZSE42	
Product	Water Leak XS Sensor
Model Name	ZSE42
Brand	ZOOZ
Report No.	PTC23061400606E-FC03
Prepared for	
Lorenz High Definition LLC	
230 Rt 206 STE 401, Flanders, NJ 07836, United States	
Prepared by	
Precise Testing & Certification Co., Ltd.	
Building 1, No. 6, Tongren Road, Dongsheng Street, Dongguan, Guangdong, China	
Page 1 of 8	

[\[pdf\]](#) Test Report SAR Rating

Administrator RF Exposure Lorenz High Definition LLC ZSE42 Water Leak XS Sensor 2AZ2V
2AZ2VZSE42 zse42


Report No.: PTC23061400606E-FC03 FCC TEST REPORT FCC ID: 2AZ2V-**ZSE42**
Product Model Name Brand Report No. : Water Leak XS Sensor : **ZSE42** : ZOOZ :
PTC23061400606E-FC03 Prepared for Lorenz High Definition LLC 230 Rt 206 STE
401, Flanders, NJ 07836, United States Prepared by Precise Testing Certi...
lang:en **score:30** filesize: 236.2 K page_count: 8 document date: 2023-08-30

	
Report No.: PTC23061400606E-FC01	
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FCC ID: 2AZ2V-ZSE42	
Product Name	Water Leak XS Sensor
Model Name	ZSE42
Brand Name	ZOOZ
Report No.	PTC23061400606E-FC01
Prepared for	
Lorenz High Definition LLC	
230 Rt 206 STE 401, Flanders, NJ 07836, United States	
Prepared by	
Precise Testing & Certification Co., Ltd.	
Building 1, No. 6, Tongren Road, Dongsheng Street, Dongguan, Guangdong, China	
Page 1 of 37	

[\[pdf\]](#) Test Report

Administrator Test reports Lorenz High Definition LLC ZSE42 Water Leak XS Sensor 2AZ2V
2AZ2VZSE42 zse42

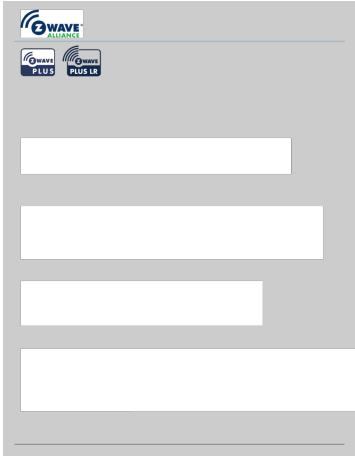
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Product Name Model Name Brand Name Report No. : Water Leak XS Sensor :
ZSE42 : ZOOZ : PTC23061400606E-FC01 Prepared for Lorenz High Definition LLC
230 Rt 206 STE 401, Flanders, NJ 07836, United States Prepared by Precise Test...
lang:en **score:26** filesize: 3.2 M page_count: 37 document date: 2023-08-30

	
FCC TEST REPORT	
FCC ID: 2AZ2V-ZSE42	
Product	Water Leak XS Sensor
Model Name	ZSE42
Brand	ZOOZ
Report No.	PTC23061400606E-FC02
Prepared for	
Lorenz High Definition LLC	
230 Rt 206 STE 401, Flanders, NJ 07836, United States	
Prepared by	
Precise Testing & Certification Co., Ltd.	
Building 1, No. 6, Tongren Road, Dongsheng Street, Dongguan, Guangdong, China	
Page 1 of 46	

[\[pdf\]](#) Test Report

CLOUD PU Test reports Lorenz High Definition LLC ZSE42 Water Leak XS Sensor 2AZ2V 2AZ2VZSE42
zse42

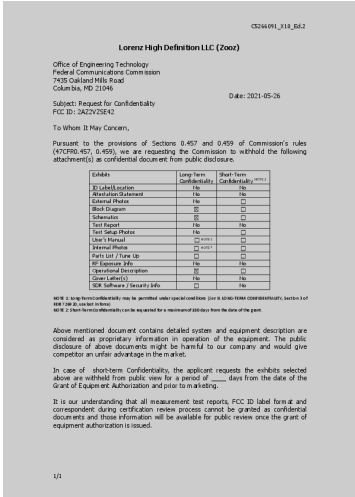
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: Water Leak XS Sensor : **ZSE42** : ZOOZ : PTC23061400606E-FC02 Prepared for
Lorenz High Definition LLC 230 Rt 206 STE 401, Flanders, NJ 07836, United States
Prepared by Precise Testing Certification Co., Ltd Building 1, No. 6...
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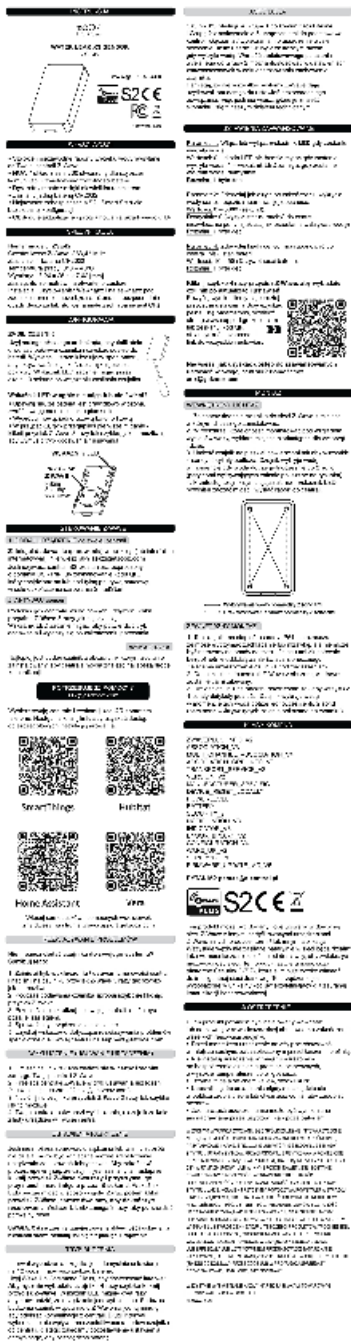
ZC14 24060431 products z wavealliance org 5073 pics |||

Z-Wave Protocol Implementation Conformance Statement Water Leak XS Sensor
General Information Product Identifier: Brand Name: Product Version: Z-Wave
Certification #: **ZSE42** 800LR Zoos HW: 02 FW: 02.00 ZC14-24060431 Product
Features Battery Quantity Battery Type Firmware Updatable 1 CR2032 Upda...
lang:en score:19 filesize: 74.27 K page_count: 2 document date: 2025-05-16



[pdf] Confidentiality Request Letter

Adria Galin Pons Confidentiality Lorenz High Definition LLC ZSE42 Water Sensor 2AZ2VZSE42 zse42
C5266091_X10_Ed.2 Lorenz High Definition LLC Zoos Office of Engineering
Technology Federal Communications Commission 7435 Oakland Mills Road
Columbia, MD 21046 Subject: Request for Confidentiality FCC ID: 2AZ2V**ZSE42**
Date: 2021-05-26 To Whom It May Concern, Pursuant to the provisions of Sectio...
lang:en score:18 filesize: 134.51 K page_count: 2 document date: 2021-06-04



[pdf]

Zooz ZSE42 Water Leak XS Sensor instrukcja obsługi ZOOZ sensor czujnik zalania dla inteligentnego domu Z wave SmartThings Polska zse42 pl smarthingspolska files wordpress 2023 05 |||

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