zOOz
bright ideas

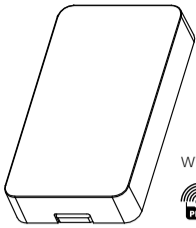## WATER LEAK XS SENSOR
ZSE42 800LR

www.getzooz.com

FC PLUS LR **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 set-up
- 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 eve (can't be exposed to direct rainfall 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.

LIR2450
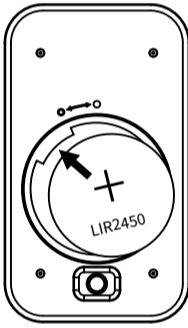
The LED indicator doesn't blink or light up at all?

- 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 SMARTSTART INCLUSION

Z-WAVE® BUTTON
3 x CLICK TO PAIR
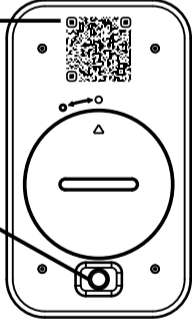
Z-WAVE® CONTROL

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.

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-Box 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 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.

<u>Parameter 1:</u> Turn the **LED indicator** on (blinking) or off when a water leak is detected.
<u>Values:</u> 0 – LED indicator won't blink when the sensor detects a water leak; 1 – LED indicator will blink when the sensor detects a water leak (default).
<u>Size:</u> 1 byte dec

<u>Parameter 2:</u> Decide how long the sensor should report water leak detection after a leak is no longer detected on the sensor side.
<u>Values:</u> 0 - 3600 (seconds)
<u>Default:</u> 0 (reports "dry" to the hub immediately after a leak is no longer detected)
<u>Size:</u> 1 byte dec

<u>Parameter 4:</u> Decide when the sensor should report **low battery** to the hub.
<u>Values:</u> 10-50 (% battery life).
Default: 20
<u>Size:</u> 1 byte dec

Click the Z-Wave® button 4 times quickly to wake the sensor up after updating the settings.
We listed the most helpful settings above. For a complete list of parameters, please go to www.support.getzooz.com or scan the QR code for a direct link to all of the settings. ➤➤

Not sure how to access advanced settings on your hub? We'll help!

ask@getzooz.com

SENSOR PLACEMENT

INDOOR PLACEMENT

1. We recommend including your sensor to the Z-Wave® network from the location you want to install it.
2. Choose a spot in the area you would like to monitor for water leaks which will not be easily accessible to pets or children to avoid it being misplaced.
3. Simply place the sensor on a flat surface with the 4 probes touching the ground for best results. The sensor will detect a leak when water reaches any of the 2 probe pairs shown in the below drawing.
4. Test the sensor by simulating a leak - it should start blinking and send a report to the hub when water is detected.
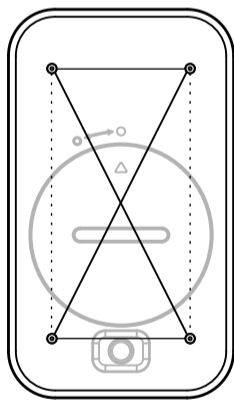
———• Water detection between 2 points.
······• NO water detection between 2 points.

OUTDOOR PLACEMENT

1. This sensor is IP66 rated which means it is dust-tight and protected from heavy rainfall. We recommend placing the sensor under eve to prevent long exposure to direct sunlight when using it outdoors.
2. Add the sensor to Z-Wave® from the area where it will be installed for best connectivity results.
3. Simply place the sensor on flat surface you would like to monitor for leaks so that all 4 probes under the sensor are touching ground. The sensor will report a leak to the hub anytime water is present between any of the probe pairs pictured in the drawing.

Scan to register your product for extended warranty and direct access to firmware files.

COMMAND CLASSES

ZWAVEPLUS_INFO_V2
ASSOCIATION_V3
MULTI_CHANNEL_ASSOCIATION_V4
ASSOCIATION_GRP_INFO_V3
TRANSPORT_SERVICE_V2
VERSION_V2
MANUFACTURER_SPECIFIC
DEVICE_RESET_LOCALLY
POWERLEVEL
BATTERY
SECURITY_2
NOTIFICATION_V8
INDICATOR_V3
ENSOR_BINARY_V2
CONFIGURATION_V4
WAKE_UP_V2
SUPERVISION
FIRMWARE_UPDATE_MD_V5

This product can be included and operated in any Z-Wave® network with other Z-Wave® certified devices from other manufacturers and/or other applications. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network. This product features the latest Security 2 (S2) framework to remove smart home network hacking risks. This device is equipped with a unique authentification code for trusted wireless communication.

⚠ WARNING

• This product should be installed indoors or outdoors under eve upon completion of any building renovations.
• Prior to installation, the device should be stored in a dry, dust-and-mold-proof place.
• Do not install the device in a place with direct sun exposure, high temperature, or humidity.
• Keep away from chemicals, water, and dust.
• Ensure the device is never close to any heat source or open flame to prevent fire.
• No part of the device may be replaced or repaired by the user except for the batteries.

WARRANTY

This product is covered under a 12-month limited warranty and 5-year extended warranty once registered. To read the full warranty policy, register your product, or file a warranty claim, please go to ww.getzooz.com/warranty