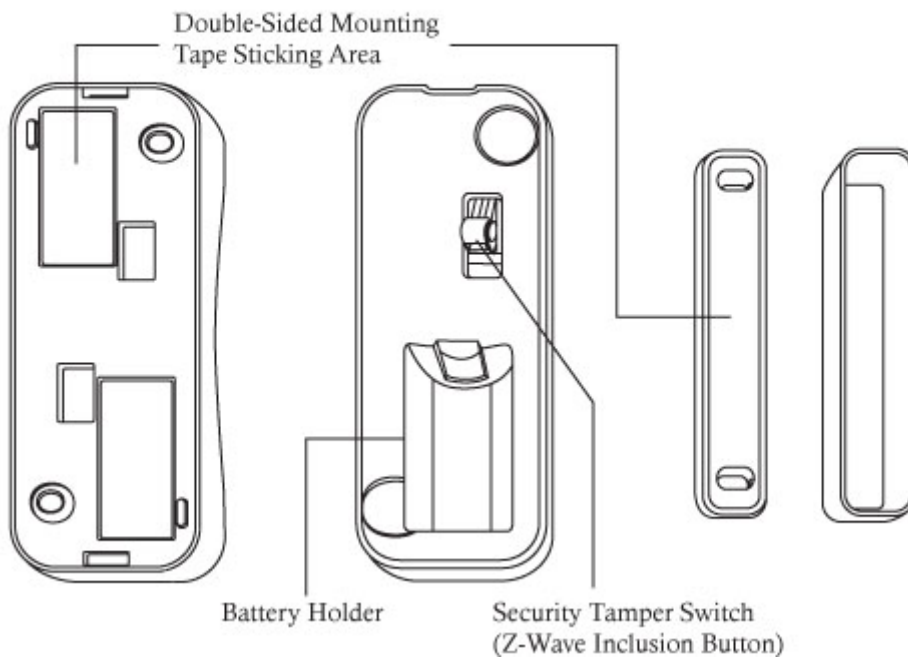
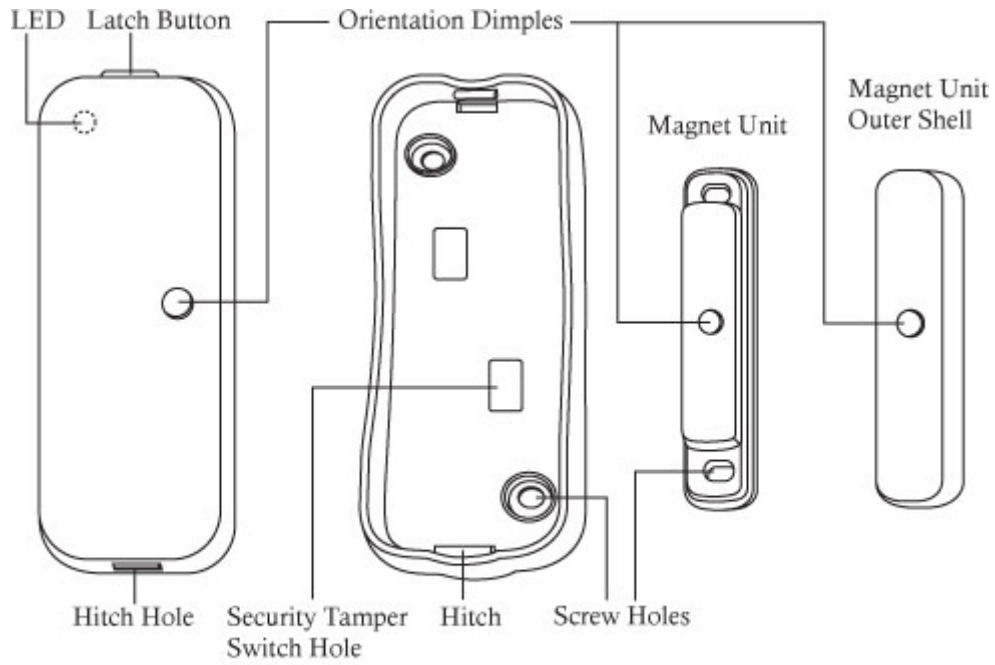




## **Door / Window Sensor manual**

The following instructions have been designed to help you install and get the best performance out of the Aeotec by Aeon Labs [Z-Wave door / window sensor](#). Please note that the instructions are for the 1st Edition of the Door / Window Sensor.

### **Anatomy of the Door / Window Sensor.**

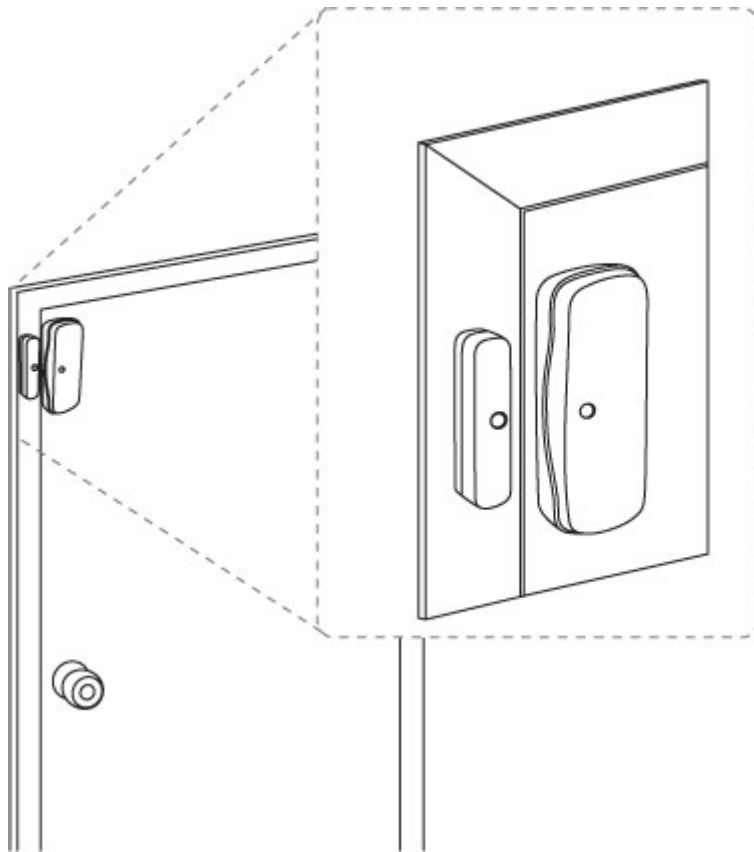


## **Aeon Labs Door/Window Sensor User Instructions:**

# Mounting the Aeon Labs D/W Sensor to a Wall, Door, or Window Frame

①

The main sensor unit and magnet unit should be placed in a manner such that when the door/window is closed, they are within 2cm. from each other. By opening the door or window, these two units should separate in proximity.



## Note

The Aeon Labs D/W Sensor should be positioned vertically against the door/window frame. This provides the optimal radio communication distance to other Z-Wave devices in a typical home.

## Note

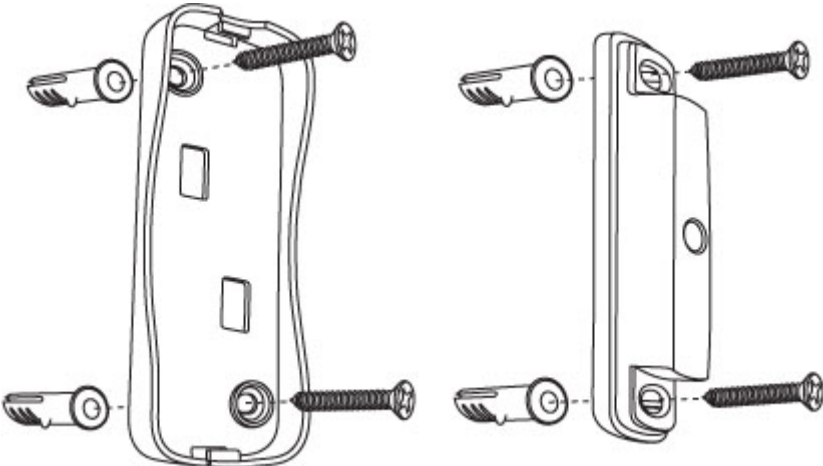
Radio products should not be mounted directly on or near metal framing or other large metallic objects. Large metal objects may weaken the radio signal transmitted.

## Note

This product should only be placed indoors and away from sources of water/moisture and other extreme weather conditions.

②

Screw the bidirectional mounting plate and the magnet unit into the wall, door or window frame. Use the provided screw anchors if attaching the Aeon Labs D/W Sensor to a soft material (such as drywall).

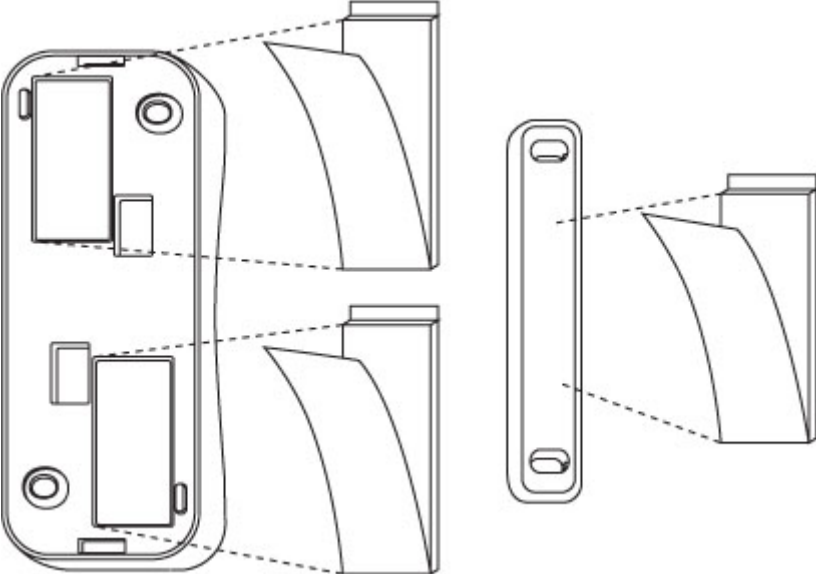


**AND/OR**

Peel and attach the double-sided mounting tape to the back of the bidirectional mounting plate and magnet unit to adhere to the wall, door or window frame.

**Note**

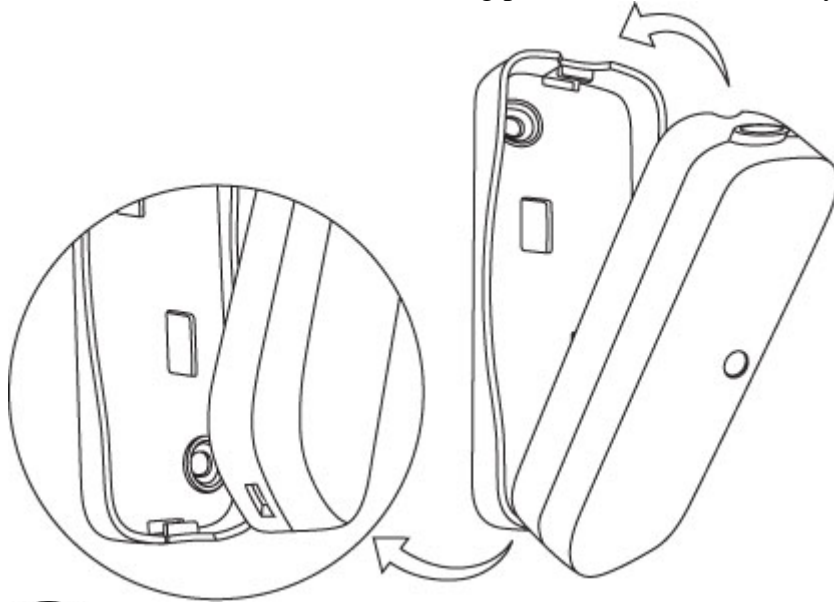
Be sure to wipe clean the surface where the Aeon Labs D/W Sensor will be mounted. Any dust and particles can reduce the adhesion of double-sided mounting tape.



**3**

Hook the sensor into the bidirectional mounting plate by first inserting the hitch of the bidirectional mounting plate into the hitch hole of the sensor. Then press the other end of the

sensor into the bidirectional mounting plate until the units firmly click together.

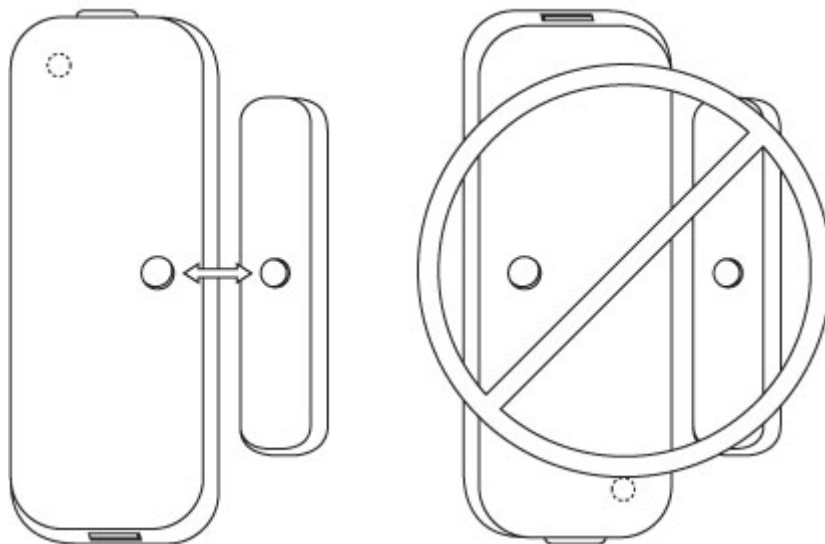


4

Ensure that the orientation dimples of the sensor unit and the magnet unit are oriented towards each other. If they are not, simply unhinge the sensor unit by depressing the latch button (on the side) to separate the sensor from its bidirectional mount and reinsert the sensor unit with its orientation dimple towards the magnet unit.

CORRECT

WRONG



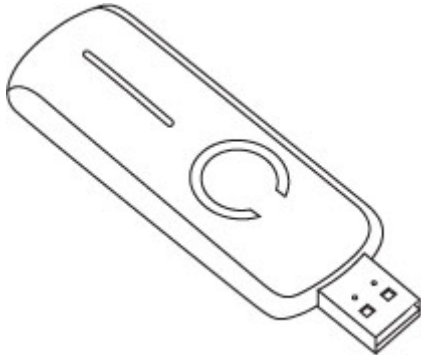
## Including the Aeon D/W Sensor into the Z-Wave Network

The Aeon Labs D/W Sensor must first be included into an existing Z-Wave network in order to function. After being included to a Z-Wave network, the Aeon Labs D/W Sensor will then

be able to report it's open/close state to gateway automatically or control other Z-Wave devices such as lamps.

①

Press the button on the Aeon Labs Z-Stick to begin the Z-Wave inclusion process.

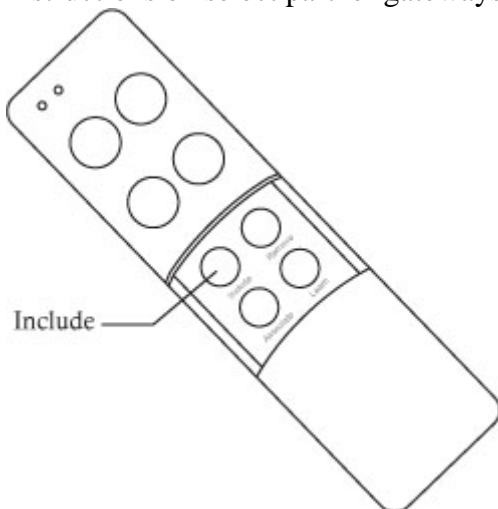


OR

Press the button labeled "Include" on the Aeon Labs Minimote to begin the Z-Wave inclusion process.

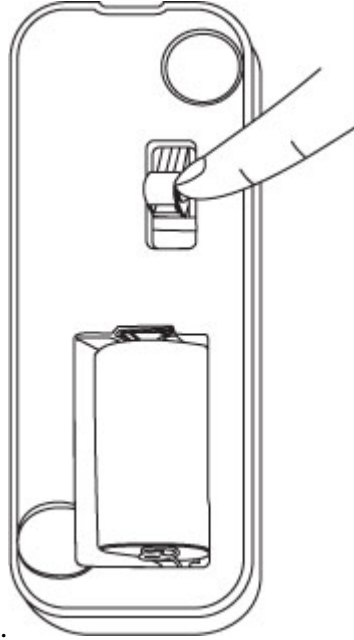
**Note**

To include the Aeon Labs D/W Sensor with other controllers, please consult the operation manual for these controllers on how to include Z-Wave products into an existing network. For instructions on select partner gateways, visit [www.aeon-labs.com/support](http://www.aeon-labs.com/support).



②

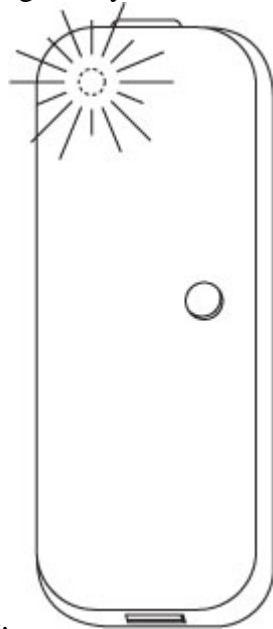
Press the security tamper switch located at the back of the Aeon Labs D/Window Sensor to



include it into your Z-Wave network.

**3**

The Aeon Labs D/W Sensor will now stay awake for 10 minutes to receive any other network instructions from your gateway or controller – The LED on the Aeon D/W Sensor will be



blinking while awake.

**Note**

The Aeon Labs D/W Sensor can only be taught to communicate to devices within it's own network.

**TIP**

**Troubleshooting**

If the Aeon Labs D/W Sensor was not included into any Z-Wave network, pressing the

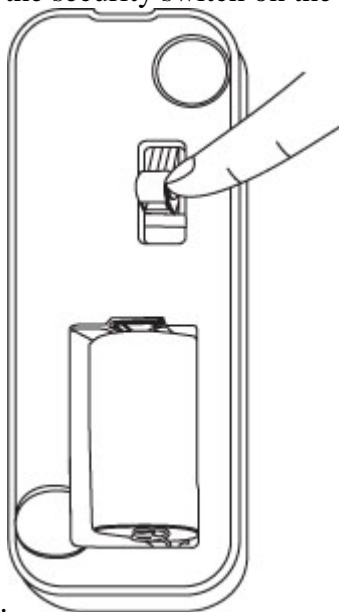
security switch will illuminate the LED on the front of the Aeon Labs D/W Sensor solid red for 5 seconds. If the Aeon Labs D/W Sensor was successfully included to a Z-Wave network, the LED will blink instead of staying solid.

## Wake the Aeon Labs D/W Sensor for 10 Minutes

The Aeon Labs D/W Sensor can be made to stay awake for 10 minutes by any of the following methods below. Once the Aeon Labs D/W Sensor has been woken, the LED will blink every few seconds indicating that it is now awake and ready to receive Z-Wave network information and instructions.

①

Firmly tap the security switch on the back of the Aeon Labs D/W Sensor 3 times in quick



succession.

②

Successfully include the Aeon Labs D/W Sensor into any Z-Wave network.

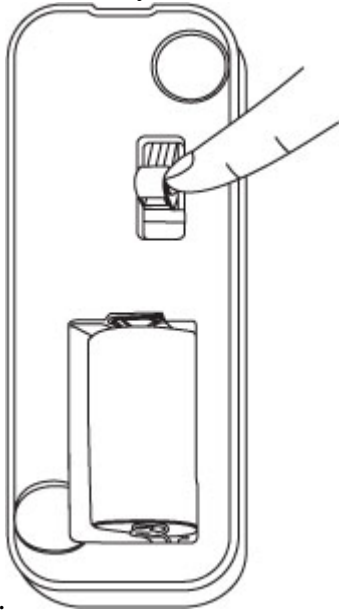
## Put the Aeon Labs D/W Sensor to Sleep After Being Included into a Z-Wave Network



The Aeon Labs D/W Sensor may be put to sleep by any of the following methods below. Once the Aeon Labs D/W Sensor has been put to sleep, the LED will no longer blink indicating that it is now asleep and saving battery life.

①

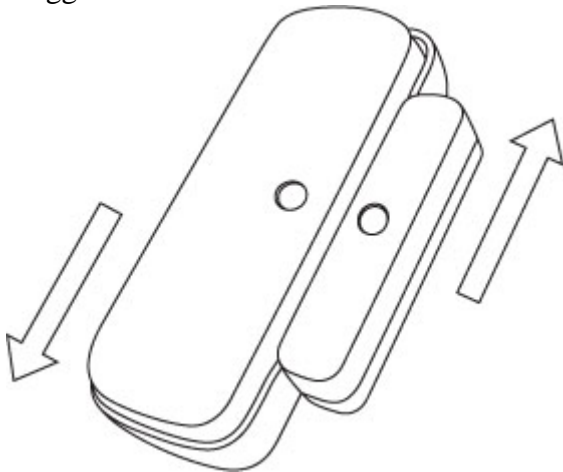
Firmly tap the security switch on the back of the Aeon Labs D/W Sensor 3 times in quick



succession.

②

Trigger the Aeon Labs D/W Sensor with the magnetic unit 3 times in quick succession.



③

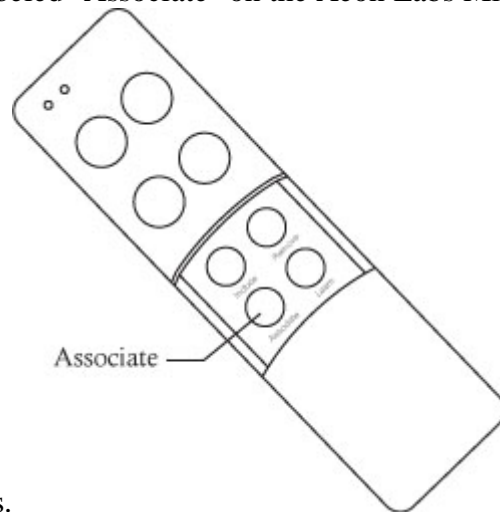
Send a Z-Wave sleep command (Z-Wave Wake Up Command Class) from your controller/gateway to the Aeon Labs D/W Sensor.

# Associating Z-Wave Lights/Switches/Gateways to the Aeon Labs D/W Sensor

By associating the Aeon Labs D/W Sensor to Z-Wave devices, it will be able to report it's state to gateways, execute scenes through the associated gateways and turn on/off associated Z-Wave devices when it is triggered with its magnetic switch.

①

Press the button labeled "Associate" on the Aeon Labs Minimote to begin the Z-Wave



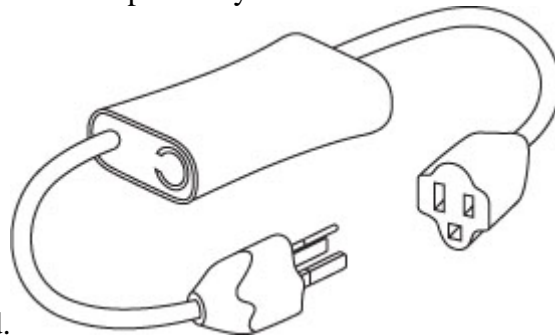
association process.

## Note

If your Z-Wave gateway is a SUC/SIS type, there is no need to follow the association process below to associate the Aeon Labs D/W Sensor to your gateway. The Aeon Labs D/W Sensor will do this automatically.

②

Press the Z-Wave button on the product you wish to be controlled by the Aeon Labs D/W



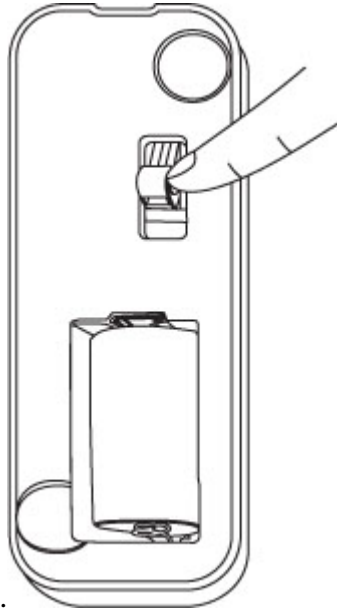
Sensor when triggered.

**Note**

To associate a Z-Wave device to the Aeon Labs D/W Sensor using other controllers, please consult the operation manual for these controllers on how to associate Z-Wave products to the Aeon Labs D/W Sensor. For instructions on select partner gateways, visit [www.aeon-labs.com/support](http://www.aeon-labs.com/support).

3

Press the security tamper switch located at the back of the Aeon Labs D/W Sensor to



complete the association process.

**Note**

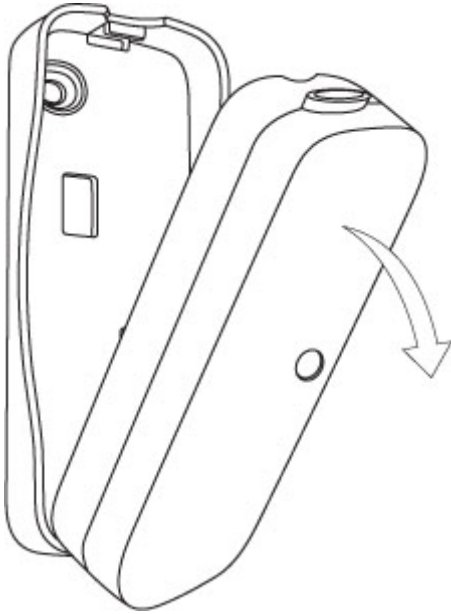
The Aeon Labs D/W Sensor can be associated to 6 devices total (1 device being a SUC/SIS gateway).

**Troubleshooting**

The Aeon Labs D/W Sensor must first be part of your Z-Wave network in order to receive association commands from another device in the same Z-Wave network.

## Reporting an Alarm when Tampered

The Aeon Labs D/W Sensor has a built in security tamper switch which will automatically alert (Z-Wave Alarm Command Class) the associated gateway when the sensor is removed from either the bidirectional mounting plate or pried off the surface to which it was mounted.

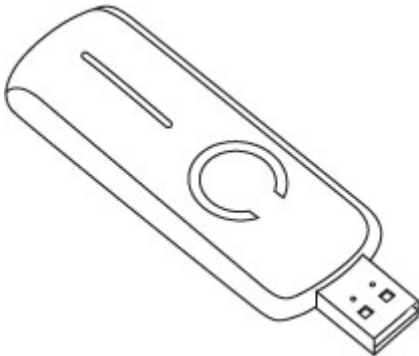


## Removing/Resetting the Aeon D/W Sensor from your Z-Wave Network

Removing the Aeon Labs D/W Sensor from a Z-Wave network resets the device to the default factory settings and removes all previous saved associations.

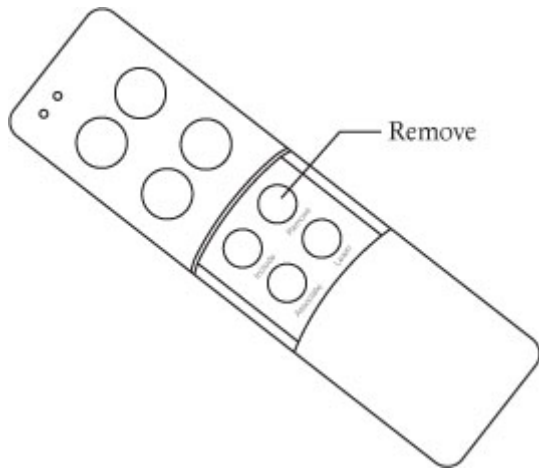
①

Hold the button on the Aeon Labs Z-Stick to begin the Z-Wave removal process.



OR

Press the button labeled "Remove" on the Aeon Labs Minimote Stick to begin the Z-Wave removal process.

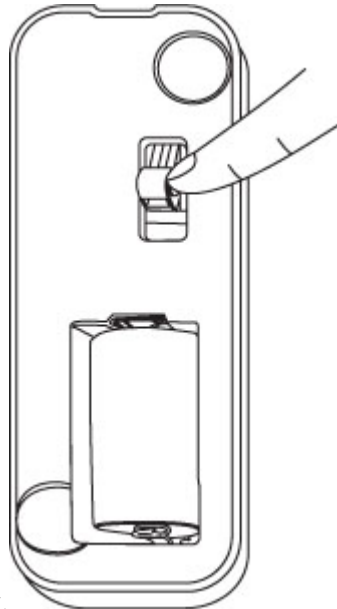


### Note

To remove the Aeon Labs D/W Sensor with other controllers, please consult the operation manual for these controllers on how to remove Z-Wave products from an existing network. For instructions on select partner gateways, visit [www.aeon-labs.com/support](http://www.aeon-labs.com/support).

2

Press the security tamper switch located at the back of the Aeon Labs D/W Sensor to remove



it from your Z-Wave network.

### Troubleshooting

If the Aeon Labs D/W Sensor was removed from the Z-Wave network, pressing the security switch will illuminate the LED on the front of the Aeon Labs D/W Sensor solid red for 5 seconds. If the Aeon Labs D/W Sensor was not successfully removed from the Z-Wave network, the LED will blink instead of staying solid.

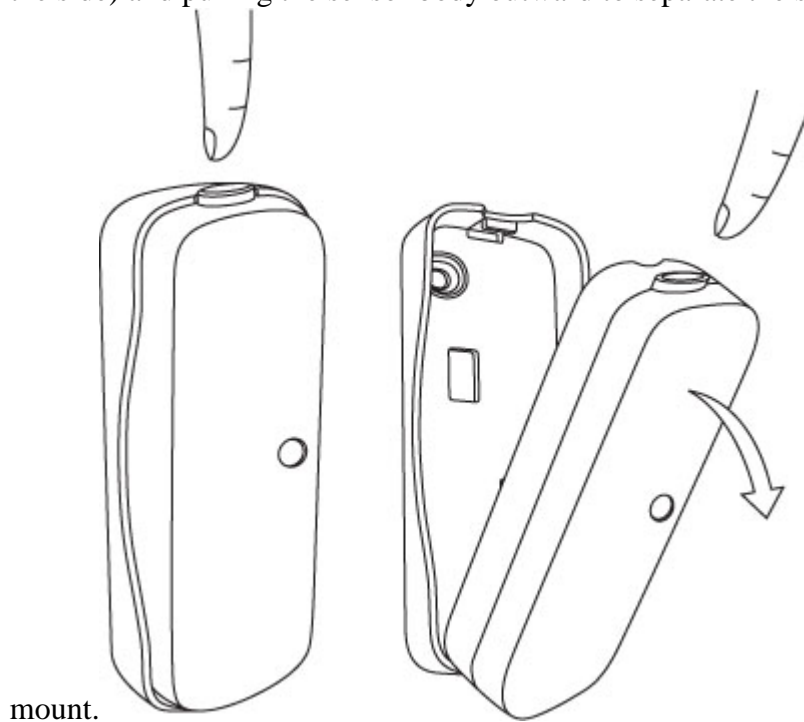
## Replacing Batteries

The Aeon Labs D/W Sensor has built in battery level detection. It will automatically report it's battery level (Z-Wave Battery Command Class) to the associated gateway throughout it's life until the battery is fully drained and needs replacing. The battery status will often be displayed in the user interface of the gateway.

When used properly in an optimized Z-Wave network, the CR2 battery can last up to 2 years with regular usage.

①

Unhook the sensor from the bidirectional mounting plate by depressing the latch button (on the side) and pulling the sensor body outward to separate the sensor from its bidirectional



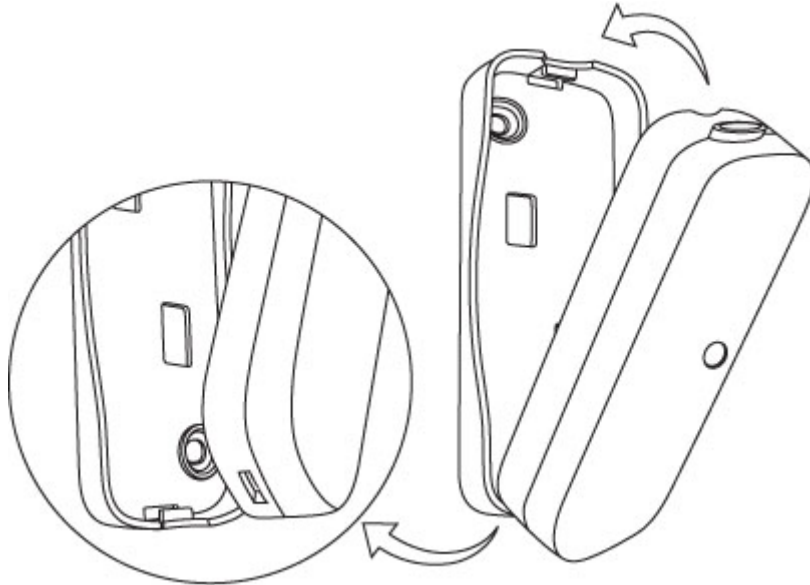
②

Insert the CR2 with the negative end first depressing the battery spring.



3

Hook the sensor into the bidirectional mounting plate by first inserting the hitch of the bidirectional mounting plate into the hitch hole of the sensor. Then push the other end of the sensor into the bidirectional mounting plate until the units firmly click together.



**Recommendation**

For networks which do not have a method to display the battery level of the Aeon Labs D/W Sensor, it is recommended that the sensor be tested occasionally to ensure that the battery still hold enough charge to operate. Batteries naturally lose their charge over time.

Aangeboden door

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