

ADD

Strips are Z-Wave magnet sensors that can be added to any certified Z-Wave system and operate with any Z-Wave device.

Z-Wave is an international standard for wireless communication in smart homes and buildings enabling you to monitor and control your home remotely.

**Please follow the three steps in this guide to get started.**

- 1. Add                                      2. Plan                                      3. Place**



PLAN

**For good communication**

Strips uses low power radio signals to communicate with your Z-Wave controller. For best results, please consider the following:

- Strips are designed to fit invisibly in between most wood, aluminum, and plastic door and window frames.
- Strips should not be mounted directly on magnetic surfaces or within a metal structure as the range will be reduced.
- Strips range is up to 40 meters.
- Any non-battery Z-Wave device will act as a repeater to increase network reliability and range. Usage of repeaters will reduce Strips' battery life.

PLACE

**To correctly mount Strips, please follow the steps below:**

1. Make sure the surface is clean, dry and at least +10°C(+50°F) Use the included cloth to clean and prepare the surfaces.
2. Remove the short protective film from the small Strips test adhesive. The small adhesive is used before the final placement so it is easy to move Strips if needed.
3. Place Strips where you want it mounted. Check the position by carefully closing the door/window and then opening it completely again.
4. Measure and identify where the magnet (A) should be placed. Remove the protective film and place the magnet. Close and open again to validate that your Z-Wave controller detected the changes. Re-mount if needed.

Strips are delivered in auto-add mode. Follow the process below to add Strips to your network.

1. Start the add mode on your Z-Wave controller. See your controller's manual.
2. Keep Strips close to its intended location during the add process. Remove both magnets. 1 long blink confirms the addition.
3. Your Z-Wave controller application should now be able to monitor your Strips sensor status.
4. Move the squared magnet (A) away from the squared end. Check that your Z-Wave system indicates the status correctly.
5. If your Z-Wave system doesn't respond, you may need to change Strips' notification type from the controller.

**For good functionality in the door or window**

- To place Strips invisibly, you need a gap with a minimum height of 3.5 mm.
- Strips may be mounted on the frame (recommended) and the magnet on the door/window, or vice versa.
- Check that magnet (A) can be placed so that it is less than 10 mm from Strips' flat end when the window is closed. When the window is open, the magnet should be at least 30 mm away from Strips.
- Open the door/window fully to check that the placement of Strips and the magnet does not interfere with hinges or locking mechanisms.

5. When you are satisfied, mark the exact position for Strips. Remove it from its position, ensure that the surface is still clean, remove the long film protecting the adhesive backing and place Strips exactly as you marked. The long adhesive is used to make the final placement of Strips.
6. Check that the door/window can be fully closed and opened and that your Z-Wave controller detects the changes.
7. Keep the round magnet (B); since it can be used to wake up, remove or reset Strips in the future.

More guidance including instructional videos:  
[www.sensative.com/guard](http://www.sensative.com/guard)

A) LED LIGHT SIGNALS		Parameters	
1 short blink	• User feedback during commands • Specific event detected (e.g. door opened)*		
2 short	If Strips is not added		
1 long	User command successfully executed		
5 short	Error. e.g. communication with controller failed		

B) CONFIGURATION PARAMETERS		Parameters	
No	Description	Values	Default
1	Notification type (1 byte)	0: Binary Sensor report 1: Notification report 2: Basic report	1
2	LED indication (1 byte)	0: Specific event indication (*) Off 1: On	1

C) USER COMMANDS		Commands	
Wake up	To wake up Strips manually for Z-Wave communication, first place the round magnet (B) at the rounded edge. When the LED blinks, move the magnet away. Repeat a total of 3 times within 10 seconds.		
Add/remove	Set your controller in add or remove mode (see your controller's manual). Follow the instruction above for Wake up. A long LED blink indicates that the add/remove was successful.		
Reset	You may need to reset Strips if your Z-Wave controller is missing or not responding. Follow the instructions for "Wake up" above, but on the 3rd repetition, leave the magnet at the rounded edge for 10 seconds. A long LED signal indicates success.		

D) OTHER		Other	
Association	Strips supports association group 1 (lifecycle), max 1 node, normally used to send Strips' status to the Z-Wave controller.		
Tamper	Strips will send a tamper alert if it detects that someone tries to wake up or manipulate Strips.		

**PRODUCT /WARRANTY/WARRANTY PERIOD/DEFECT:**

Sensitive AB ("Company") warrants to the original end-user purchaser ("Purchaser") that Strips ("Product") will be free from substantial defects in material and workmanship from the date when the Product is delivered to the Purchaser and continues for twelve (12) months thereafter ("Warranty period"). The information contained herein is provided to the Purchaser as a convenience.

**LIMITATION OF PRODUCT WARRANTY:**

Company warrants that the Product under normal use is free from substantial defects in material and workmanship ("Defect") during the Warranty Period, subject to a proper installation, operation and maintenance of the Product as set forth in the user manual and other documentation that may become available to the Purchaser from time to time at [www.sensitive.com/strips\\_tips](http://www.sensitive.com/strips_tips) ("User Manual"). Company does however not warrant that the Product will operate uninterrupted or error-free or that all deficiencies, errors, defects or non-conformities will be corrected.

The Warranty extends only to Purchaser and is not transferable to anyone else.

**CLAIMS PROCEDURE:**

Warranty claims are handled at [www.sensitive.com/Strips\\_tips](http://www.sensitive.com/Strips_tips).

Note that warranty claims must be filed to the Company by the Purchaser within 30 days of the manifestation of the problem.

- x) cracks, fractures, cuts, abrasions, physical deformations caused by impact, falling or dropping the device or other object, improper use or not observing the User Manual
- xi) service performed by anyone who is not an authorized representative of Company
- xii) a Product or part that has been modified
- xiii) a Product that is used commercially or for a commercial purpose
- xiv) failure of goods or services not obtained from Company

Company does not authorize any person or party to assume or create for it any obligations or liability in connection with the Product except as set forth herein.

This warranty shall not apply to any Product if the Company's serial number has been removed or defaced in any way

COMPANY IS NOT RESPONSIBLE FOR ANY PROBLEM OR DAMAGE THAT OCCURS AS A RESULT OF PURCHASER'S FAILURE TO OBSERVE THE USER MANUAL

**GENERAL TERMS:**

EXCEPT AS EXPRESSLY SET FORTH IN THIS WARRANTY COMPANY MAKES NO OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS. COMPANY EXPRESSLY DISCLAIMS ALL WARRANTIES NOT STATED IN THIS WARRANTY. ANY IMPLIED WARRANTIES THAT MAY BE IMPOSED BY STATUTORY LAW ARE LIMITED IN DURATION TO THE WARRANTY PERIOD HEREUNDER.

**WARNINGS:**

1) DO NOT EXPOSE THE PRODUCT TO EXTENSIVE TEMPERATURE, FIRE, CHEMICALS, OR EXPLOSIVES

2) DO NOT BRING THE PRODUCT INTO CONTACT WITH FOOD OR FOODSTUFF

3) DO NOT DISASSEMBLE THE PRODUCT; RECHARGE THE BATTERY, DISCHARGE, SHORT-CIRCUIT OR INCINERATE

4) DO NOT KEEP THE PRODUCT IN CONTACT WITH EXPLOSIVE GASES

5) DO NOT PLACE THE PRODUCT IN A MICRO WAVE, OVEN, WASHING MACHINE, LAUNDRY DRYER, OR ANY OTHER HEAT PRODUCING APPLIANCE

**6) THE PRODUCT USES VERY STRONG NEODYMIUM MAGNETS WHICH CAN BE HAZARDOUS IF SWALLOWED. KEEP THIS PRODUCT AWAY FROM CHILDREN AT ALL TIMES**

**7) MAGNETS FOUND WITHIN THE PRODUCT CAN INTERFERE OR DAMAGE CERTAIN MAGNETIC MEDIA, INCLUDING BUT NOT LIMITED TO OPTICAL HARD DRIVES, TELEVISIONS, MAGNETIC STORAGE MEDIA, PACE-MAKERS AND OTHER SENSITIVE ELECTRONICS**

7) DO NOT DISPOSE OF ELECTRICAL APPLIANCE AS UNSORTED MUNICIPAL WASTE USE SEPARATED COLLECTION FACILITIES

**INDUSTRY CANADA STATEMENTS:**

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.

This equipment complies with the safety requirements for RF exposure in accordance with RSS-102 §2.5.2. This equipment must be installed and operated in accordance with the provided instructions and a minimum 20 cm spacing must be provided between the antenna and any person's body during wireless modes of operation.

**INDUSTRY CANADA NOTICE:**

\*This device complies with ISED's licence-exempt RSSs. 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\*

**EXCLUSIONS:**

The warranty shall not apply to problems or damages resulting from or related to

- i) mechanical and/or transport problems
- ii) external causes such as accidents, acts of God, disasters, weather conditions, air pollution, abuse, misuse, misapplication or any equipment that generates electrical disturbance of radio communication that violates FCC regulations
- iii) negligence, improper handling and failure to operate the Product according to the User Manual
- iv) operating and storage problems
- v) electrical power and telecommunications
- vi) the network and/or other products in the network
- vii) change of window/door position
- viii) accessories or attachments not recommended by Company or modifications to the Product or its parts
- ix) failure to follow Company's instructions relating to the Product's use or installation and/or to fulfill the maintenance and servicing activities defined in the User Manual.

IN NO EVENT SHALL COMPANY BE LIABLE FOR ANY LOSS OF DATA OR ANY INDIRECT, INCIDENTAL, PUNITIVE, SPECIAL OR CONSEQUENTIAL DAMAGES OR DAMAGES FOR LOSS OF PROFITS, REVENUE OR USE INCURRED BY PURCHASER OR ANY THIRD PARTY, WHETHER IN ACTION, IN CONTRACT, OR OTHERWISE EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

COMPANY'S LIABILITY AND PURCHASER'S EXCLUSIVE REMEDY FOR ANY CAUSE OF ACTION ARISING IN CONNECTION WITH THE SALE OR USE OF THE PRODUCT WHETHER BASED ON NEGLIGENCE, STRICT LIABILITY, BREACH OF WARRANTY OR EQUITABLE PRINCIPLES IS EXPRESSLY LIMITED TO COMPANY'S OPTION OF REPLACEMENT OF OR REPAYMENT OF THE PRODUCT PRICE FOR THAT PORTION OF THE PRODUCTS WITH RESPECT TO WHICH DAMAGES ARE CLAIMED.

TO THE EXTENT ALLOWED BY LOCAL LAW, THE REMEDIES IN THIS WARRANTY STATEMENT ARE PURCHASER'S SOLE AND EXCLUSIVE REMEDIES AGAINST COMPANY. [THEY DO NOT HOWEVER AFFECT OR RESTRICT THE RIGHTS THAT PURCHASER MAY HAVE AGAINST THE DISTRIBUTOR, SERVICE PROVIDER AND/OR RETAILER.

ALL CLAIMS OF ANY KIND ARISING IN CONNECTION WITH THE SALE OF THE PRODUCT SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO THE COMPANY WITHIN 30 DAYS FROM COMPANY'S DELIVERY OR THE DATE FIXED FOR DELIVERY IN THE EVENT OF NON DELIVERY.

**DISCLAIMER:**

The Product uses radio to wirelessly communicate data between itself and other devices. Radio communication is inherently not always 100% reliable, and as such, the Product should not be used in situations in which life and/or valuables are solely dependent on its function.

**FCC NOTICE (for USA):**

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.

Federal Communication Commission (FCC) Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.

The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

No changes shall be made to the equipment without the Company's permission as this may void the user's authority to operate the equipment.

**INDUSTRY CANADA STATEMENTS:**

Cet appareil est conforme avec Industrie Canada exempt de licence

Rss standard(s). Son fonctionnement est soumis aux deux conditions

suivantes : (1) cet appareil ne peut causer d'interférences, et (2) cet appareil doit accepter toute interférence, y compris des interférences qui peuvent provoquer un fonctionnement indésirable du périphérique.

Ce dispositif est conforme à la norme de sécurité en matière d'exposition RF conformément à la RSS-102 §2.5.2. Ce dispositif doit être installé et utilisé conformément aux instructions fournies et à 20 cm d'espacement minimal doit être prévu entre l'antenne et le corps de toute personne pendant les modes sans fil de fonctionnement.