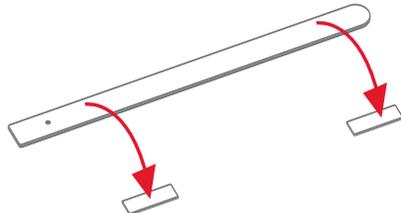


## Adding with SmartStart



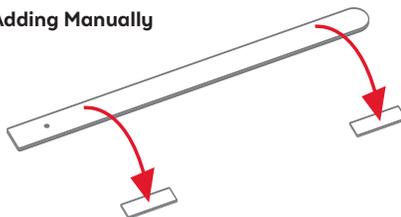
Strips Guard 700 is a SmartStart enabled product and can be added to SmartStart enabled Z-Wave controllers by scanning the Z-Wave QR Code present on the back label of the Strip, or on the DSK leaflet present in the box, then removing both the magnets. SmartStart product will be added automatically within 10 minutes of being switched on in the network range.

Follow this process to add Strips to your network using SmartStart.

1. Scan the DSK QR code or enter the DSK pin code manually into your gateway app
2. Keep Strips close to its intended location and remove both magnets
3. 1 long blink confirms the addition
4. Your Z-Wave controller application should now be able to monitor your Strips sensor status

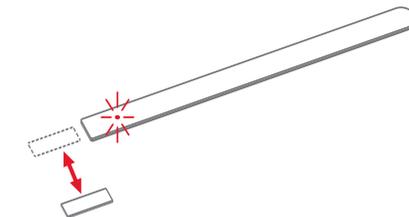
- To cancel SmartStart, place both magnets back to original position, repeat step 3 to re-activate SmartStart

## Adding Manually



Follow this process to add Strips to your network using classic inclusion.

1. Scan the DSK QR code or enter the DSK pin code manually into your gateway app
2. Put gateway into "add mode"
3. Keep Strips close to its intended location and remove both of the magnets
4. 1 long blink confirms the addition
5. Your Z-Wave controller application should now be able to monitor your Strips sensor status



### To verify Strips is working properly

Move the squared magnet towards the square edge as shown in the picture. Check that your Z-Wave system displays the status correctly.

1. If your Z-Wave system doesn't respond, you may need to change Strips' notification type from the controller.

### For good communication

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

- Strips is designed to fit invisibly in most wood and plastic windows and doors.
- Strips should not be mounted directly on magnetic surfaces or enclosed within a metal structure as the range will be reduced.
- Strips range is up to 325 feet.
- Any non-battery Z-Wave device will act as a repeater to increase network reliability and range.

### 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.
- Open the door/window fully to check that the placement of Strips and the magnet does not interfere with hinges or locking mechanisms.

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

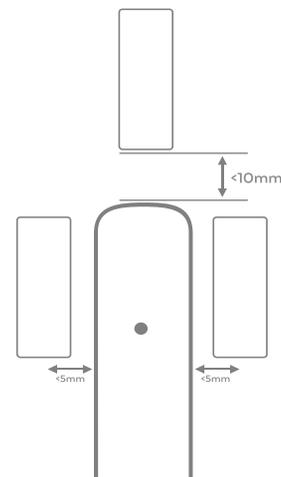
1. Make sure the surface is clean, dry and at least +10°C(+50°F) Use the included cloth to clean and prepare the surfaces.
2. Remove the short protective film from the small Strips test adhesive. The small adhesive is used before the final placement so it is easy to reposition Strips if needed.
3. Place 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 square magnet 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. Reposition if needed.
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 spare magnet; because it can be used to wake up, remove or reset Strips in the future.

More guidance including instructional videos:

[www.sensative.com/strips\\_tips](http://www.sensative.com/strips_tips)

### Magnet placement and sensor range

- Check that square magnet can be placed so that it is less than 10 mm from Strips' square end when the window is closed. When the window is open, the magnet should be at least 30 mm away from Strips.

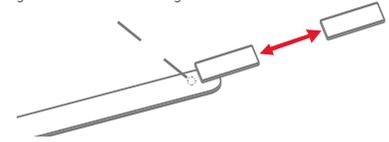


# CONFIGURATIONS

No	Name	Description	Values	Default
1	Notification type (1 byte)	Select the notification type for the door and window open or close events	0: Binary sensor report + Notification report (Access Control) 1: Notification report (Access Control) 2: Notification report (Home Security)	1
2	LED indication (1 byte)	Turn On or Off LED for specific event indications (ex. alarms)	0: Turns off LED for door open events 1: On	1
15	Activate supervision (1 byte)	Activate Supervision command for only important alarm events or all events *Supervised commands require a confirmation from the gateway when a notification is received	0: Events sent with S2 Encapsulation only 1: Only Door Open Alarm Report (Events sent with S2 and supervision encapsulation) 2: Unsolicited reports (Door Open/Close, Tamper clear, Wake-up notification and Battery Report events sent with S2 and supervision encapsulation)	0
22	Security Level (1 byte)	Select the level of security	0: Standard (Forces parameter behaviour as follows: #16=1000, #17=Sensitive standard**, #18=0, #19=Off, #21=Off  ** Retries with an incrementally longer period until reconnected  1: High Security (Enables parameters 16-19, 21)	0
The below configurations are only used if parameter 22 is set to 1 (High security) Parameters 16-19, 21, 22 are categorized as "Advanced Settings"				
16	Supervision wait time (2 bytes)	The number of milliseconds to wait for a Supervision response when a Supervised message is sent	500-5000 (ms)	1500 (ms)
17	No. of failed event retries (1 byte)	Number of retries when a confirmation is not received	0-5	1
18	Failed event retry interval (1 byte)	The minimum number of seconds between retries	Min = 1 second, Max = 60 seconds	6 (seconds)
19	Heartbeat interval (1 byte)	Number of minutes between periodic battery reports (Heartbeats)	5 - 70 (mins)  - Accepts multiples of 5 mins. - Any arbitrary value in between 5 and 70 will be rounded up to a multiple of 5	70 (mins)
21	Nth Heartbeat report with supervision (1 byte)	Specifies which battery report (heartbeat) will be sent as supervised	0 - 31 (Applicable if #15 set to 2 (all reports))	5 (th)

User Command Sensor (A) :

When sending commands from Strips, move the magnet over the rounded edge here.



## User Commands

<b>Wake up</b>	To wake up Strips manually for communication with the Z-Wave controller, move the magnet according to the picture above (A). Repeat 3 times.
<b>Add/remove</b>	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.
<b>Reset</b>	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, keep the magnet at the rounded edge for 10 seconds. A long LED signal indicates success.

## LED notifications

<b>1 short blink</b>	-User feedback during commands -Door open event
<b>2 short</b>	Indicates Strips is not added to a network
<b>1 long</b>	User command successfully executed
<b>5 short</b>	Error. e.g. communication with controller failed

<b>Association</b>	Strips supports association group 1 (lifeline), max 1 node, normally used to send Strips' notification to the Z-Wave controller.
<b>Tamper</b>	Strips will send a tamper alert if it detects that someone tries to wake up or manipulate Strips.

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 a repeater, regardless of vendor, to increase the reliability of the network.