

To Add Strips to Your Z-Wave™ Controller

Strips Comfort 700 is a SmartStart enabled product and can be added to a Z-Wave network by using SmartStart. Start by scanning the Z-Wave QR Code present on the back label of the Strip, or on the DSK leaflet present in the box. Strips can be added to both secure and non-secure controllers and with or without SmartStart.

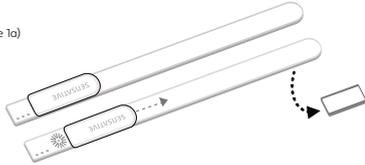
a) Add using SmartStart inclusion

You can use this method of inclusion only if your Z-Wave Controller supports SmartStart.

1. Open your Z-Wave Controllers app and select SmartStart inclusion.
2. Scan the QR Code (You can find the QR Code on the back of Strips or in the package).
3. Move +Switch towards the centre and remove the magnet from the back of Strips. (Figure 1a)
4. One long LED blink means that Strips has been successfully added to your Z-Wave network.

SmartStart will automatically begin after 30 seconds and Strips will be added within 10 minutes if activated within the Z-Wave Controller range.

Figure 1a)

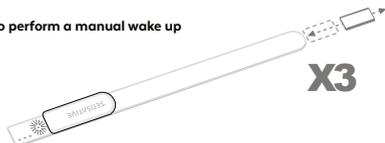


b) Add using classic inclusion (Non SmartStart Controllers)

1. Open your Z-Wave Controller application and start pairing mode.
2. Move +Switch towards the centre and remove the magnet from Strips.*
3. One long LED blink means that Strips has been successfully added to your Z-Wave network.

*If you have previously removed the magnet from Strips, or need to re-add the device, performing a manual wake up will join the device when the controller is in pairing mode.

To perform a manual wake up



1. Take the magnet, move it to the rounded edge and wait for the blink. Then move the magnet away.
2. Repeat this 3 times. A final short blink will confirm that the user command was successful.

For Good Communication:

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

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 100 meters. (325 feet)

Any non-battery Z-Wave device will act as an extender to increase network reliability and range.

To make sure that Strips is connected to your network

Once added to your network, Strips will send a temperature, light (LUX), air-humidity after one minute after a completed inclusion. Make sure that Strips status is updated in your Z-Wave controller.

Please note that

Poor network reliability will affect Strips' battery life. To make sure that you have a good network, place Strips at its intended location and perform a Wake Up (see Table A). If Strips blinks 5 times, this indicates that Strips failed to communicate with the controller. If it happens you may move the Z-Wave controller closer or add an extender between the controller and Strips Comfort.

Mounting Strips with adhesive

Strips Comfort has an adhesive backing which can be used to mount Strips.

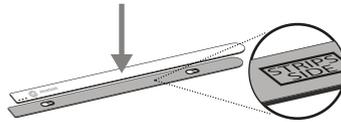
Please make sure the surface is clean, dry and at least +10°C (+50°F). Remove the protective tape from Strips and place Strips firmly on a surface.

Note* Strips adhesive is permanent and may damage your Strips or the surface upon removal. If you need to remove Strips make sure to follow the necessary steps found at:

<https://sensative.com/remove>

Mounting Strips with base plate

Figure b)



Remove the protective tape from Strips' adhesive. Mount Strips Comfort on the marked "Strips Side" of the mounting plate as illustrated above (b). Use the plate to mark the holes, then use screws and mount Strips.

Your Strips Comfort is now mounted and added to your Z-Wave controller.

Introducing the +Switch

Description of the +Switch

+Switch usage

- Turn on/off lights
- Turn on/off heating/radiator
- Switch between home & away mode
- Initiate a rule (e.g. email notification)

Find more information about user cases here: sensative.com/sensors/strips-accessories/switch



Strips Comfort resource center



Help us improve, let us know what you think, what we can do better and what you like about Strips

This product can be operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers. All mains operated devices within the network will act as an extender, to increase the reliability of the network.

CONFIGURATIONS

LED / Temperature and Humidity settings

No.	Name	Description	Values	Default
2	LED alarm event reporting (1 byte)	Turn On or Off LED for specific event indications (ex. alarms)	0: Off	1
			1: On, but no LED indication for associated nodes (1/5 blinks)	
			2: On with LED indications based on success/fail for BOTH the gateway and the associated nodes	
4	Temperature & Humidity reporting (1 byte)	Select temperature and humidity reporting	0: Off	1
			1: On. Sends temperature/humidity based on difference from last reported value (set in config parameters 26 and 28)	
			2: On. Periodic reporting of the actual temperature and the actual humidity value (set time in config parameter 25)	
			3: On. Periodic reporting of the average temperature value between reports. Will also send the actual humidity value (set time in config parameter 25)	
5	Temperature unit (1 byte)	Select the temperature unit	0: Celsius	0: (Except US frequency) 1: (US frequency)
			1: Fahrenheit	
6	Temperature alarms (1 byte)	Turn On or Off temperature alarm (The alarms are not affected by parameters 4, 25 or 26).	0: Off	0 (Off)
			1: On	
7	High temperature alarm level (2 bytes)	Select high temperature alarm level	-20 to +80 (degree C)	40 C or 104 F (US frequency)
			-4 to +176 (degree F)	
8	Low temperature alarm level (2 bytes)	Select low temperature alarm level	-20 to +60 (degree C)	5 C Or 41 F (US frequency)
			-4 to +140 (degree F)	
25	Temperature and Humidity reporting time (Activated in config parameter 4) (2 bytes)	Select the number of minutes between reports (15 mins to 24 hrs)	15-1440: Minutes between reports (periodic reporting)	60
26	Temperature change for next report (Activated in config parameter 4) (1 byte)	Temperature must change by this value for a new report	5 - 100	20 (= 2.0 C) or 30 (=3 F)
			Input value converted to one decimal place [= 0.5 to 10.0 (degree C/F)]	
28	Humidity change for next report (1 byte). Humidity reporting is activated in config parameter 4	Humidity must change by this value for a new report	2 to 10 (%)	5 (%)

Ambient light settings

9	Ambient light reporting (1 byte)	Ambient light report settings. Using a filter (low-pass) is highly recommended to avoid large amounts of reports in fluctuating lights.	0: Off	8
			1: On without any filter. Not recommended. May cause large amounts of reports affecting the battery life. 2-8: On. Uses a filter to filter out short light fluctuations. The strongest filter is number 8. Recommended for most users.	
10	High ambient light (LUX) level trigger (4 bytes)	The sensor will send a light report when the light rises above this level. Can be used in scenarios to trigger other devices. When enabling parameter 10, parameter 11 must also be set with a lower value, else the trigger stays off	20 - 64000 (LUX)	0 (Off)
11	Low ambient light (LUX) level trigger (4 bytes)	The sensor will send a light report when the light goes below this level. Can be used in scenarios to trigger other devices. When enabling parameter 11, parameter 10 must also be set with a greater value, else the trigger stays off	10 - 42000 (LUX)	0 (Off)

User Commands (Table A)

Wake Up	To wake up Strips manually for communication with the Z-Wave controller, move the magnet 3 times according to the illustration on page one.
Add/Remove	Place the controller into pairing or remove mode and perform the "wake up" pattern described on page one.
Factory Default Reset	You may need to reset Strips if your Z-Wave controller is missing or not responding. Follow the instructions for Wake Up, but on the 3rd repetition, keep the magnet at the rounded edge for 10 seconds. A long LED signal indicates success.

LED Notifications (Table B)

1 Short Blink	-User feedback during commands -Successfully sent report
2 Short Blinks	The indication when Strips is not added to a network.
1 Long Blink	A user command is successfully executed.
5 Short Blinks	Error (e.g. communication with controller failed).

Association	Strips supports 7 Association Groups including the Lifeline. For more information on Association please see: https://sensative.com/comfort700
Tamper	Strips will send a tamper alert if it detects that someone tries to wake up or manipulate Strips.

For Supported Command Classes, Product Identity using the Indicator Command Class, Notification Events, Associations, Advanced Configuration parameters and Central Scene Notifications information please see: <https://sensative.com/comfort700>

+Switch settings

29	Slider switch function (1 byte)	Select if the switch should act as a binary switch or a timed switch	1: Binary Switch	1
			2: Timed Switch	
30	Timed Switch duration (1 byte)	Select the duration that should trigger the opposite state of the Switch (if 2 is selected in config parameter 29)	1-60 (minutes)	5