

Your Strips is a Z-Wave multi-sensor 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.

Strips multi-sensor has three built-in sensors (Temperature, Ambient Light and Leakage) that can be configured to fit different applications.

Strips multi-sensor comes in different kit configurations.

Strips Drip: Includes a mounting plate for leakage sensing.

Strips Comfort: Includes a mounting plate to hang Strips on the wall and a very accurate temperature sensor.

Strips uses low power radio signals to communicate with your Z-Wave controller.

Radio output power: < -2 dBm

Freq: 868.42/869.85 MHz (EU), 908.4/916.0 MHz (US/Can)

For best results, please consider the following:

- Strips range is up to 40 meters.
- Metal may affect the range. Avoid placing Strips next to metal objects.
- Any non-battery Z-Wave device will act as a repeater to increase network reliability and range.
- Poor network reliability, very large networks with multiple repeaters or frequent temperature reporting will reduce Strips' battery life.

Please follow the steps in this guide to get started.

More guidance including instructional videos: www.stripsbysensative.com

Strips Drip

- The Drip kit includes a mounting plate with built-in moisture pads. Strips will measure the moisture in the pads to identify when a leakage occurs.
- Temperature and ambient light reporting may be useful in a Drip's application, but to extend the battery life further you may turn off these sensor reports.

Strips Comfort

- The Comfort kit includes a mounting plate for hanging Strips on the wall using screws.
- The key sensors in the Comfort application are the temperature sensor and the ambient light sensor.

- Strips temperature reporting can be changed to report more frequently for specific applications. This mode will decrease the battery life slightly.

Adding Strips to your Z-Wave system

Your Strips is 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. Stay within the controller's range. Remove the round magnet and the metal foil tape from Strips.
3. Your Z-Wave controller application should now add Strips.

After a successful inclusion, Strips will begin to report sensor levels and alarms if set.

The default configuration settings support both Strips Drip and Strips Comfort applications

Mounting Strips

Strips Drip:

1. Place the mounting plate in the right position. You may use screws or the adhesive tape to place it firmly.
2. Remove the protective tape from Strips adhesive and place Strips on the correct side of the plate (see markings on the mounting plate).

Strips Comfort:

You may mount Strips directly on the wall using Strips' adhesive tape. Or you may use the mounting plate with screws.

Mounted correctly, the plate should be possible to remove from the screws. Then remove the protective tape from Strips' adhesive and place Strips on the plate.

Using your new Strips

Your new Strips is now added to your Z-Wave system and will give you valuable sensor data that could save you from leakage damages, be used to support your heating or ventilation system or control your blinds. You may also set temperature alarms.

You may validate that Strips is within range of the Z-Wave network by changing the light conditions. Strips should report the change within a few minutes. The changes should be seen in your Z-Wave system. If Strips blinks five (5) times the communication failed which indicates that Strips is out of range.

Strips supports association group 1 (lifecycle). Max 1 node.

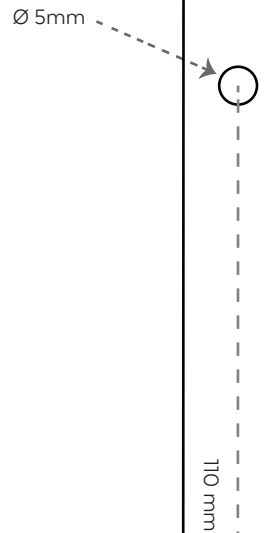
For Strips Drip: After a leakage, the cloth needs to dry before the alarm is reset. This may take a few hours.

Enjoy Strips for years to come!

A) CONFIGURATION PARAMETERS

No	Description	Values	Default
3	Temperature reporting mode (1 byte)	0: Off 1: Normal reporting 2: Frequent reporting	1
4	Temperature reporting unit (1 byte)	0: Celsius 1: Fahrenheit	0
5	High Temperature alarm (1 byte)	0: Off 1: On	0
6	High Temperature alarm level (1 byte)	-20 to +60 degree C	60
7	Low Temperature alarm (1 byte)	0: Off 1: On	0
8	Low Temperature alarm level (1 byte)	-20 to +60 degree C	-20
9	Ambient light reporting (1 byte)	0: Off 1: On	1
10	Leakage alarm (1 byte)	0: Off 1: On	1
11	Leakage alarm level (1 byte)	1 to 100 (1= almost dry, 100= soaking wet)	25
12	Moisture reporting period (1 byte)	0-120: Number of hours between moisture reports	0 (Off)

GUIDE FOR DRILLING



B) LED LIGHT SIGNALS

B	1 short blink	Feedback during execution of user commands (Table C) Alarm detected and successfully sent to gateway
	2 short	For demo purposes (only if Strips is not added)
	1 long	Add, Remove or Reset was successfully executed
	5 or 10 short	Error. E.g. communication with controller failed

C) USER COMMANDS

C	Wake up	Wake up Strips manually for Z-Wave communication. Place the magnet at the rounded edge. When the LED blinks, move the magnet away. Repeat two more times within 10 seconds.
	Add/remove	Set your controller to 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.

