

YOUR NEW STRIPS

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 more accurate temperature sensor.

GETTING STARTED

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 Drips application, but to extend your battery life further you may turn off these sensor reports.

Strips Comfort

- The Comfort kit includes a mounting plate for hanging Strips with screws or adhesive on a wall.
- The key sensors in the Comfort application are the temperature sensor and the ambient light sensor.
- Strips temperature reporting can be changed to a very accurate mode. This mode will decrease the battery life slightly.

PLACE & USE STRIPS

Mounting Strips:

1. Mount the holder plate with screws or adhesive
Screws. Drill holes using the guideline below, and mount plugs and screws. You may need to adjust the screws for a proper fit.

Adhesive. The surface must be clean and dry. Remove the protective foil from the plate and place it properly.

2. Mount Strips on the mounting plate using Strip’s adhesive. Position it carefully on Side A of the mounting plate, the adhesive is strong and you will not be able to re-position the 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 or very large networks with multiple repeaters will reduce Strips’ battery life.
Please follow the steps in this guide to get started.
More guidance including instructional videos:
www.sensative.com/Strips_tips

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 metal foil wrapped around Strips.
3. Your Z-Wave controller application should now add Strips.

After a successful inclusion, you will be able to see the sensor levels and receive alarms if these are set.
The default configuration settings support both Strips Drip and Strips Comfort applications.

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 the sensor is within range of the Z-Wave network. Turn the lights on, wait 15 seconds and turn them off again. The changes should be seen in your Z-Wave system. If the communication failed, Strips will blink 5 times.
Strips supports association group 1 (lifeline). 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

A	No	Description	Values	Default
	3	Temperature reporting mode (1 byte)	0: Off 1: Normal 2: High Accuracy	1
	4	Temperature reporting unit (1 byte)	0: Celcius 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)	240-0: Number of hours between moisture reports	0 (Off)

B) LED LIGHT SIGNALS

B	1 short blink	Feedback during execution of user commands (Table C)
	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 twice 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 reset your Strips to factory defaults. Follow the instructions for “Wake up” above, but on the 3rd time , leave the magnet at the rounded edge for 10 s. A long LED signal indicates success..

GUIDE FOR DRILLING

