



Door / Window Sensor | S F 9400

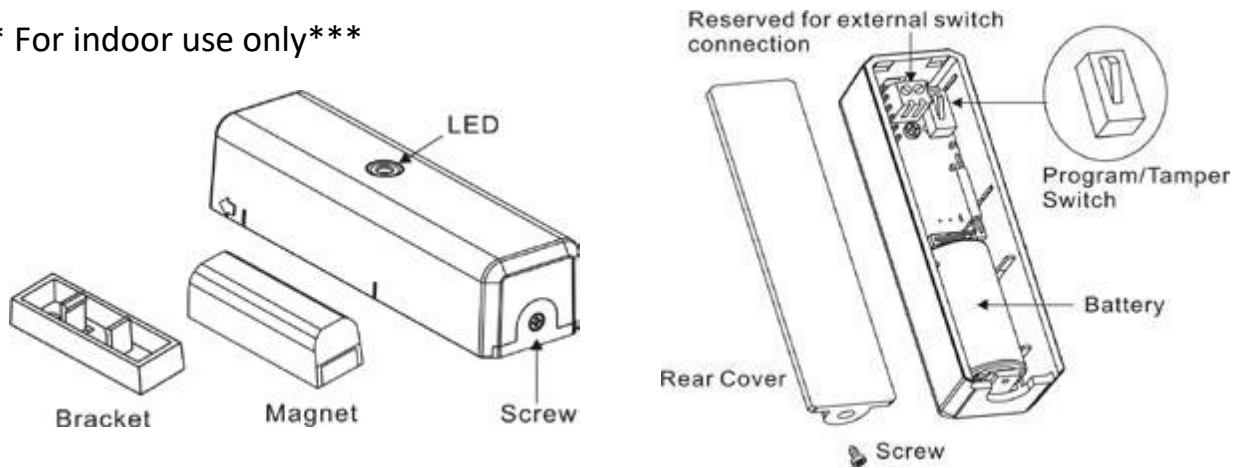
User Manual



Introduction

Thanks for choosing the Salusfin's wireless door/window sensor for home security. This sensor is a Z-Wave™ enabled device (interoperable, two-way RF mesh networking technology) and is fully compatible with any Z-Wave™ enabled network. Every main powered Z-Wave enabled device acts as a signal repeater and multiple devices result in more possible transmission routes which helps eliminate "RF deadspots" Z-Wave™ enabled devices displaying the Z-Wave™ logo can also be used with it regardless of the manufacturer, and ours can also be used in other manufacturer's Z-Wave™ enabled networks. This sensor monitors door/window and send Z-Wave™ signal when door or window is opened and closed.

*** For indoor use only***



Operation

1. Opening the door/window to separate the magnet from the sensor will send the status of "ON"(Basic Set, Value:0xFF) to any associated nodes, and the LED will flash once.
2. Closing the door/window to align the magnet with the sensor will send the status of "OFF"(Basic Set, Value:0x00) to any associated nodes, and the LED will flash once.
3. Normal operation, the LED will not light.
4. The ZD2102 sensor equipped with tamper switch. If the cover of sensor is removed, the door sensor will send an alarm report (type:01, level:11) to the ZWave™ Interface Controller, and the LED will go solid. Before replacing the cover, the sensor is under "Awake" mode.

Specification:	Package Content:	
Protocol: Z-Wave™ (ZM3102N)	1pc	ZD 2012 sensor
Frequency Range:	1pc	Bracket for Contact Magnet
868.42MHz (ZD2102EU)	1pc	Magnet
908.42MHz (ZD2102US)	2pcs	Adhesive tape for Magnet / sensor
921.42MHz (ZD2102AU)	1pc	CR123A Lithium Battery
Operating Range: Up to 100 feet line of sight	4pcs	Screws for bracket/ sensor
Operating Temp.: -15°C~ 60°C (5°F ~140°F)	1pc	Installation & Operation manual
Battery: Panasonic CR123A * 1PC		

Note: If you are installing the entire Z-Wave™ system for the first time, please refer to the installation guide of Z-Wave™ Interface Controller before installing ZD2102.

For “Inclusion” in (adding to) a network: Put the Z-Wave™ Interface Controller into “inclusion” mode, and following its instruction to add the ZD2102 to your controller. To get in the “inclusion” mode, the distance between sensor and controller is suggested to be in one meter. Press the program switch of ZD2102 for 1 second at least. The LED on the ZD2102 should go solid, if not, please try again.

For “Exclusion” from (removing from) a network: Put the Z-Wave™ Interface Controller into “exclusion” mode, and following its instruction to delete the ZD2102 from your controller. Press the program switch of ZD2102 for 1 second at least to be excluded.

For “Association”: removing the cover of the ZD2102 to get into the “Awake” mode, then put the Z-Wave™ Interface Controller into “Association”, and following its instruction to associate the ZD2102 with other device. Close the cover back after

“association” done, afterward the ZD2102 will get into “Sleep” mode for power saving.

Support one association group (5 nodes).

” Awake ” mode: it is to leave the “Sleep” mode by removing the cover of ZD2102, to allow the Z-Wave™ Interface Controller to do “Inclusion”, “Exclusion”, “Association” and to reply and receive the commands from controller

Mounting Instructions

1. Unscrew the screw fastening the rear cover.
2. Slide the rear cover down.
3. Using the screws or adhesive tape to affix the rear cover on the frame along the opening edge of door / window.
4. Insert a CR123A battery into the battery compartment and LED will start to flash slowly, which means the sensor has not yet been “inclusion”.
6. Slide back the rear cover and screw fastening with the front cover, the LED should go off.
7. Fix the Magnet by using the adhesive tape or fixing screws, locate the Magnet close to the ZD2102 sensor the distance between these two devices should be in 1.9cm.
8. External Switch: If your window needs two sensors for fully monitoring. You could use an external switch to connect with the ZD2102 for extending detection. The ZD2102 has 2 normally closed contact terminals. These can be used for additional external switch wired contacts. The external switch will send an alarm report