

4 IN 1 MULTI SENSOR



BDA_ZHS10_b



MANUFACTURER INFORMATION

Dear Customer,
should you require technical advice and your retailer could not help please contact our technical support.

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Business hours:

Monday to Thursday: 08:00 - 17:00
Friday: 08:00 - 14:30

GB USER MANUAL ZHS10

Congratulations and thank you for purchasing the Schwaiger ZHS10 product. Below you will find useful operating guidelines.

Logging in (inclusion) or logging out (exclusion) of the sensor

For confirmation of inclusion and exclusion the manipulation-proof safety switch on the back of the device is pressed three times in quick succession (within one second).

Product description

The Z-Wave 4 in 1 sensor is equipped with three different sensors:

Door/window sensor
PIR/motion sensor
Temperature
Light sensor

The multi-sensor combines 4 sensors in one device. It consists of a door/window and a motion, temperature and light sensor. Thus the ZHS10 is perfect for security applications and other automation scenarios, such as light or temperature control.

The product consists of two elements - a detector and a magnet - which are attached by the magnet on the movable part of the window or door and the other part on the frame.

Batteries

This device is operated with batteries. Use only batteries of the specified type. Used batteries contain hazardous substances and must not be disposed of with household waste!

Battery type: 1 x CR123A

Installation instructions

Open the casing by removing the front side of the casing. Insert the supplied CR123A battery into the battery compartment and close the device. The sensor consists of two parts, the main unit and a magnet. The main unit should be in-

stalled on the door and/or window frame and the magnet on the moving part of the door and/or window. If the device is used as a motion detector, attach it to a height of about 2 m on a wall. To ensure that the unit can be fully functional, install the unit in a position that allows a wide range in the room. Attach the parts of the unit with the screws or double-sided tape on a smooth surface.

Performance of the device in the Z-Wave network

When delivered, the device is not connected to any Z-Wave network. It must be integrated into an existing Z-Wave network so that it can communicate with other Z-Wave devices. This process is called Z-Wave inclusion. Devices can also be removed from networks again. This process is called Z-Wave exclusion. Both processes are started from a controller that must be switched to an inclusion and/or exclusion mode. The manual of the controller contains information on how it is to be switched into these modes. Devices can only be added when the controller of the Z-Wave network is in inclusion mode. Leaving the network by exclusion will reset this device to its factory defaults.

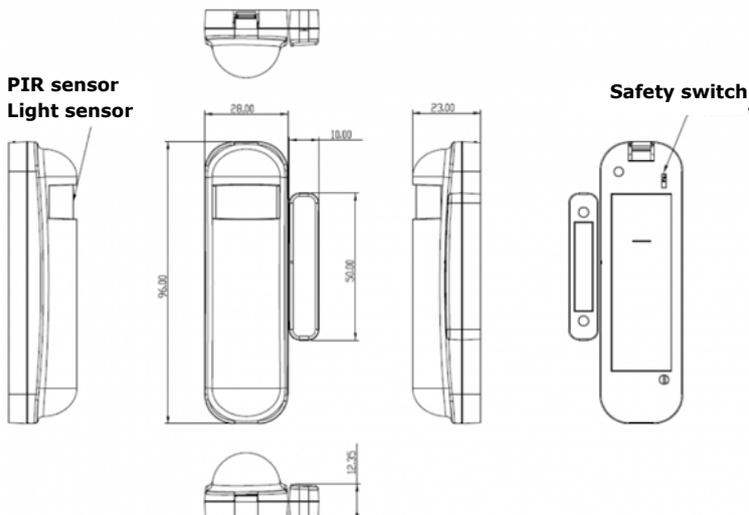
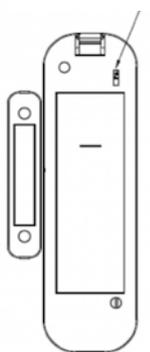
Operation of the device

The device can be used for security applications or for home automation. The (1) door/window sensor and (2) PIR/motion sensor can be integrated into alarm systems. Alternatively, the two sensors can be connected to the light sensor or the temperature sensor for home automation. A possible scenario would be switching the lighting of a room in the dark with a Z-Wave switch when the door opens, and a person enters the room.

The temperature sensor can be used to control the indoor climate in connection with the heating control system, or trigger an alarm when large temperature fluctuations occur due to frost or fire.

After the device is put into operation, it takes several minutes until it is fully operational and correctly detects motion. The multi-sensor is equipped with a safety switch that triggers an alarm when the device is removed.

Safety switch



Technical specifications

Battery type	1 x CR123A
Explorer Frames	No
SDK	
Type of equipment	Slave with routing capabilities
General Z-Wave device type	Binary sensor
Special Z-Wave device type	Routing binary sensor
Router	No
FLiRS	No
Firmware Version	1.0

Disposal guidelines

This device contains batteries. Please refer to the applicable disposal regulations for batteries. It is an electrical device. It can be disposed of free of charge at specified disposal sites.

EC Declaration of Conformity

„Hereby Schwaiger GmbH declares that the product ZHS10 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.“
The Declaration of Conformity can be found at the following address:
<http://www.schwaiger.de/downloads>