

Multisensor 6 in 1

User manual

Thank you for choosing the 6 in 1 MultiSensor, the ideal sensor for automation, safety and plant control. Z-Wave certified, the MultiSensor is compatible with the gateways of the MyVirtuoso Home home automation system.



Multisensor 6 in 1

User manual

General Safety Rules

Before using this device, certain precautions must be taken to reduce any risk of fire and / or personal injury:

1. Read all instructions carefully and follow all precautions contained in this manual. All direct connections to the mains conductors must be made by trained and authorized technical personnel.
2. Pay attention to all possible danger indications reported on the device and / or contained in this manual, highlighted with the symbol .
3. Disconnect the device from the power supply or battery charger before cleaning it. For cleaning, do not use detergents but only a damp cloth.
4. Do not use the device in gas saturated environments.
5. Do not place the device near heat sources.
6. Use only the original EcoDHOME accessories supplied by SmartDHOME.
7. Do not place the connection and / or power cables under heavy objects, avoid paths near sharp or abrasive objects, prevent them from being walked on.
8. Keep out of the reach of children.
9. Do not carry out any maintenance on the device but always contact the assistance network.
10. Contact the service network if one or more of the following conditions occur on the product and / or an accessory (supplied or optional):
 - a. If the product has come into contact with water or liquid substances.
 - b. If the product has suffered obvious damage to the container.
 - c. If the product does not provide performance conforming to its characteristics.
 - d. If the product has undergone a noticeable degradation in performance.
 - e. If the power cord has been damaged.

Note: Under one or more of these conditions, do not attempt to make any repairs or adjustments not described in this manual. Improper interventions could damage the product, force additional work to regain the desired operation and exclude the product from the warranty.

ATTENTION! Any type of intervention by our technicians, which will be caused by improperly performed installation or by a failure caused by improper use, will be charged to the customer.

Provision for Waste Electrical and Electronic Equipment. (Applicable in the European Union and in other European countries with the separate collection system).



This symbol found on the product or its packaging indicates that this product must not be treated as common household waste. All products marked with this symbol must be disposed of through appropriate collection centers. Improper disposal could have negative consequences for the environment and for the safety of human health. Recycling of materials helps to conserve natural resources. For more information, contact the Civic Office in your area, the waste collection service or the center where you purchased the product.

Multisensor 6 in 1

User manual

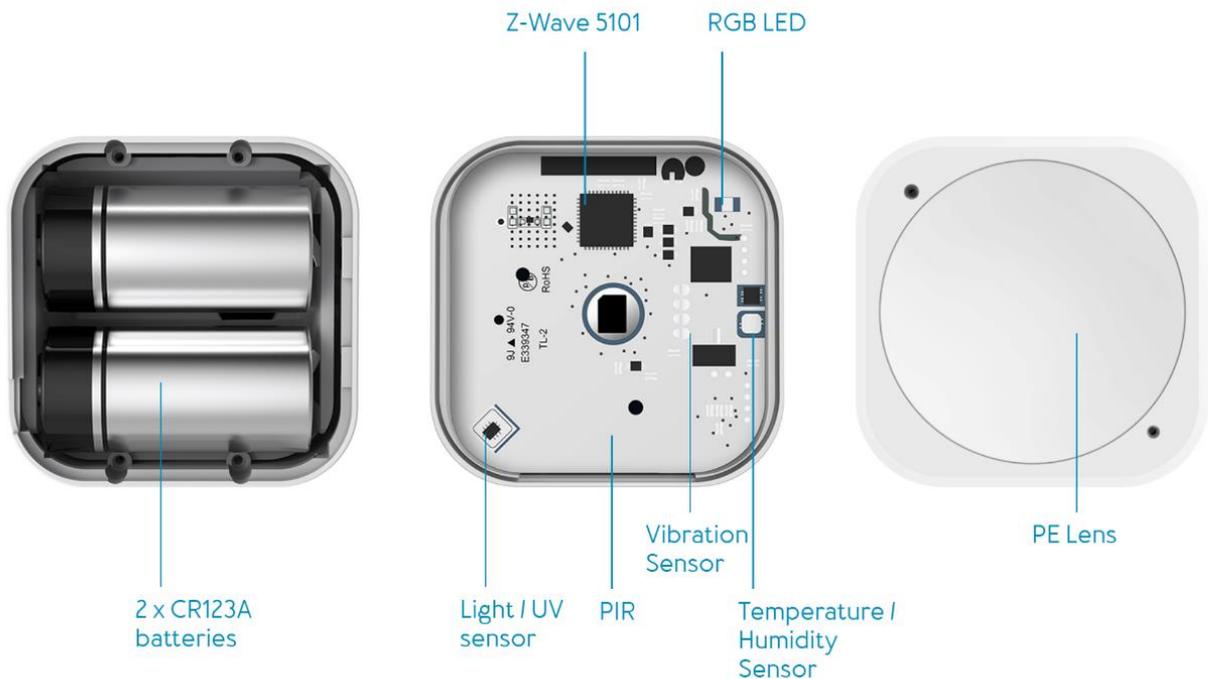
Disclaimer

SmartDHOME Srl cannot guarantee that the information regarding the technical characteristics of the devices in this document are correct. The product and its accessories are subject to constant checks aimed at improving them through careful analysis and research and development activities. We reserve the right to modify components, accessories, technical data sheets and related product documentation at any time, without notice.

On the website www.myvirtuosohome.com the documentation will always be updated.

Description

The 6 in 1 MultiSensor allows you to manage 6 different functions: movement, brightness, vibration, temperature, UV and humidity. If included in the MyVirtuoso Home home automation system, the sensor can communicate directly with the dedicated application, sending alarm notifications or real-time reports of some of the monitored functions. Thanks to MyVirtuoso Home it will be possible to create automatism that will be implemented when the sensor detects any anomaly in the environment in which it is positioned.



Multisensor 6 in 1

User manual

Specification

Power supply	Micro USB (included), 2 CR123A batteries (1 year battery life) or 1 CR123A battery (placed in slot 1, shorter operating time)
Protocol	Z-Wave
Frequency range	868.42 Mhz
Motion range	2 ~ 10 m
Viewing angle	360°
Detected temperature range:	0°C ~ 40°C
Humidity detected	8% ~ 80%
Brightness detected	0 ~ 30,000 lux
Operating temperature:	-10°C ~ 40°C
Operating range	30 m in open field
Dimensions	60 x 60 x 40 mm

Package contents

- Multisensor.
- Battery cover.
- Rear arm.
- Double-sided tape.
- Screws (x2).
- Micro USB power cable.

Installation

- 1) Remove the battery cover by pressing on the appropriate tab, and insert the CR123A batteries making sure that the polarity is correct. Then close the lid.

If you want to power the device via the supplied Micro USB cable, you will need to insert it into the appropriate slot.

Annotation: The MultiSensor can also be powered by a single CR123A battery. In this case it will have to be changed more frequently than inserting two batteries (average life of 1 year). If you intend to proceed, insert a CR123A into the slot marked with the number 1.

WARNING! he device is not compatible with rechargeable CR123A batteries.

- 2) Make sure you have positioned the battery cover correctly and locked it.

Inclusion

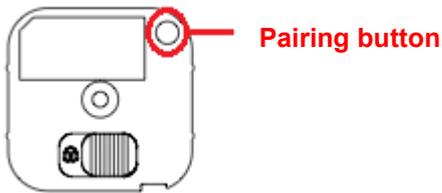
Before starting the procedure for including the device in a Z-Wave network, check that it is turned on, then make sure that the MyVirtuoso Home gateway is in inclusion mode (refer to the relevant manual available on

Multisensor 6 in 1

User manual

the website www.myvirtuosohome.com/downloads).

- 1) Press the button located on the back of the device once.

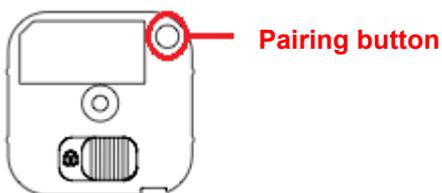


- 2) The inclusion was successful if the LED of the MultiSensor remains lit for 8 seconds after pressing the rear button. If, on the other hand, the LED continues to flash slowly you will need to repeat the process from step 1.

Exclusion

Before starting the procedure for excluding the device in a Z-Wave network, check that it is switched on, then make sure that the MyVirtuoso Home gateway is in exclusion mode (refer to the relative manual available on the website www.myvirtuosohome.com/downloads).

- 1) Press the button located on the back of the device once.



- 2) The exclusion was successful if the MultiSensor LED starts to flash slowly after pressing the rear button. If, on the other hand, the LED remains lit you will need to repeat the process from step 1.

Assembly

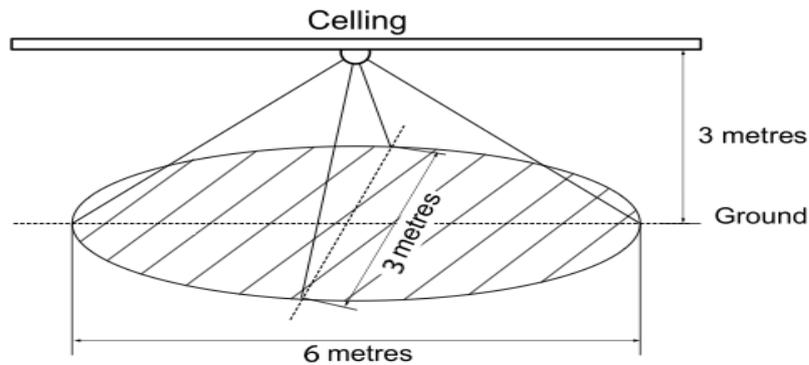
For optimal measurement it is necessary to choose carefully where you want to place the sensor. It has three possible types of mounting: wall, ceiling or on shelves and mobile. Before making a decision, check that:

- It is not placed in front of windows / fan coils / air conditioners or direct sun exposure.
- It is not positioned near heat sources (eg radiators, boilers, fire,...).
- It is installed in a place where the detected brightness is consistent with the ambient one. Do not place in shady areas.

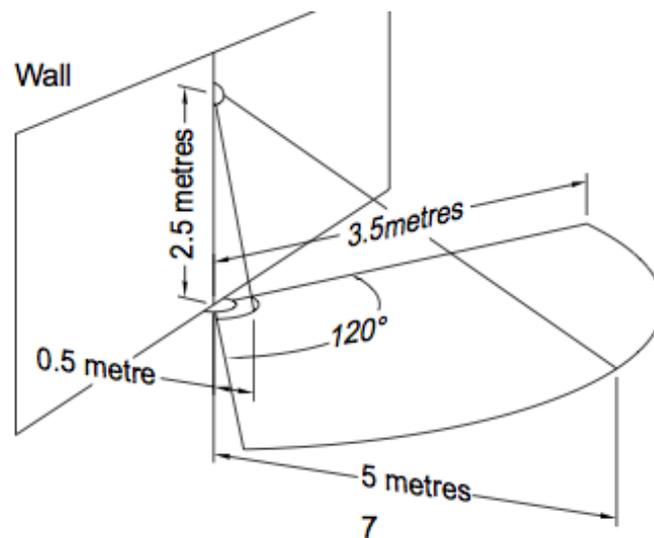
Multisensor 6 in 1

User manual

- It is positioned in such a way that a potential intruder crosses the entire detection range.
- It is preferably positioned in front of an entrance.
- Whichever room the device is designated, make sure it fits within the range of the motion sensor (see diagram below). If installing on the ceiling it is always good to take measurements within a radius of 3 x 3 x 6 meters.



If installing in a corner where the wall meets the ceiling it is always good to take measurements within a radius of 2.5 x 3.5 x 3 metres.



The device is not mounted on or near metal structures or metal objects. These could weaken the Z-Wave signal.

Multisensor 6 in 1

User manual

Disposal

Do not dispose of electrical appliances in mixed urban waste, use separate collection services. Contact the local council for information about available collection systems. If electrical appliances are disposed of in landfills or in inappropriate places, hazardous substances can escape into groundwater and enter the food chain, damaging health and well-being. When replacing old appliances with new ones, the retailer is legally obliged to accept the old appliance for free disposal.

Warranty and customer support

Visit our website: <http://www.ecodhome.com/acquista/garanzia-eriparazioni.html>

If you encounter technical problems or malfunctions, visit the site:

<http://helpdesk.smartdhome.com/users/register.aspx>

After a short registration you can open a ticket online, also attaching images. One of our technicians will answer you as soon as possible.



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