



# Zigbee Motion Sensor User Guide

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Zigbee motion sensor

ZBSM10WT



For more information see the extended manual

online: [ned.is/zbsm10wt](https://ned.is/zbsm10wt)

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## Intended use

The Nedis ZBSM10WT is a wireless, battery powered motion sensor. You can connect the product wirelessly to the Nedis SmartLife app via the Zigbee gateway. When connected, the current and past motion detection is displayed in the app and can be programmed to trigger any automation.

The product is intended for indoor use only. The product is not intended for professional use.  
Any modification of the product may have consequences for safety, warranty and proper functioning.

## Specifications

<b>Product</b>	Zigbee motion sensor
<b>Article number</b>	ZBSM10WT
<b>Dimensions (l x w x h)</b>	46 x 46 x 30 mm
<b>Battery lifetime</b>	1 year
<b>Zigbee frequency range</b>	2400 - 2483 GHz
<b>Maximum transmit power</b>	18 dB
<b>Antenna gain</b>	2.5 dB
<b>Temperature range</b>	0 °C - 40 °C
<b>Operating humidity</b>	< 100 % RH
<b>Detection range</b>	5 m

## Main parts

1. Function button
2. Status indicator LED
3. Battery insulation tab

## Safety instructions

### WARNING

- Ensure you have fully read and understood the instructions in this document before you install or use the product. Keep this document for future reference.
- Only use the product as described in this document.
- Do not use the product if a part is damaged or defective. Replace a damaged or defective product immediately.
- Do not drop the product and avoid bumping.
- This product may only be serviced by a qualified technician for maintenance to reduce the risk of electric shock.
- Do not expose the product to water or moisture.
- Children should be supervised to ensure that they do not play with the product.

- Always keep button cell batteries, both full and empty, out of reach of children to avoid the chance of swallowing. Dispose of used batteries immediately and safely. Button cell batteries can cause serious internal chemical burns in as little as two hours when swallowed. Keep in mind that the first symptoms may look like child diseases like coughing or drooling. Seek immediate medical attention when you suspect that batteries have been swallowed.
- Only power the product with the voltage corresponding to the markings on the product.
- Do not recharge non-rechargeable batteries.
- Do not dismantle, open or shred secondary cells or batteries.
- Do not expose cells or batteries to heat or fire. Avoid storage in direct sunlight.
- Do not short-circuit a cell or a battery.
- Do not store cells or batteries haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by other metal objects.
- Do not subject cells or batteries to mechanical shock.
- In the event of a cell leaking, do not allow the liquid to come in contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.
- Observe the plus (+) and minus (–) marks on the cell, battery and equipment and ensure correct use.
- Do not use any cell or battery which is not designed for use with the equipment.
- Seek medical advice immediately if a cell or a battery has been swallowed.
- Always purchase the battery recommended by the product manufacturer for the product.
- Keep cells and batteries clean and dry.
- Wipe the cell or battery terminals with a clean dry cloth if they become dirty.
- Use only the cell or battery in the application for which it was intended.
- When possible, remove the battery from the product when not in use.
- Properly dispose of the empty battery.
- Battery usage by children should be supervised.
- Some wireless products may interfere with implantable medical devices and other medical equipment, such as pacemakers, cochlear implants and hearing aids. Consult the manufacturer of your medical equipment for more information.
- Do not use the product at locations where the use of wireless devices is prohibited due to potential interference with other electronic devices, which may cause safety hazards.

## Connecting to the Zigbee gateway



Make sure the Zigbee gateway is connected to the Nedis SmartLife app.



For information on how to connect the gateway to the app, consult the manual of the gateway.

1. Open the Nedis SmartLife app on your phone.
2. Select the Zigbee gateway to enter the gateway interface.
3. Tap Add subdevice.

4. Remove the battery insulation tab **A3**. The status indicator LED **A2** starts blinking to indicate pairing mode is active.



If not, press and hold the function button A1 for 5 seconds to manually enter the pairing mode.

5. Tap to confirm A2 is blinking. The sensor appears in the app when the product is successfully connected to the gateway.

## Installing the sensor

1. Remove the film of the tape.
2. Stick the product onto a clean and flat surface.

The product is now ready for use.

1. Open the Nedis SmartLife app on your phone.
2. Select the Zigbee gateway to enter the gateway interface.

3. Select the sensor you want to view.

The app shows the measured values of the sensor.

- Tap Set alarm to switch the low battery alarm on or off for the selected sensor.

## Creating an automated action

1. Open the Nedis SmartLife app on your phone.
  2. Tap Smart scenes at the bottom of the home screen.
  3. Tap Automation to open the automation interface.
  4. Tap + in the top right corner.
- Here you can fill in different options to create an automation.
5. Tap Save.

The new automation appears in the automation interface.

## Removing the product from the app

1. Open the sensor interface.
2. Tap the pencil icon in the top right corner.
3. Tap Remove Device.

## Declaration of Conformity

We, Nedis B.V. declare as manufacturer that the product ZBSM10WT from our brand Nedis®, produced in China, has been tested according to all relevant CE standards and regulations and that all tests have been passed successfully. This includes, but is not limited to the RED 2014/53/EU regulation.


The complete Declaration of Conformity (and the safety datasheet if applicable) can be found and downloaded via: [nedis.com/zbsm10wt#support](https://nedis.com/zbsm10wt#support)

For additional information regarding the compliance, contact the customer service:

Web: [www.nedis.com](https://www.nedis.com)

E-mail: [service@nedis.com](mailto:service@nedis.com)

## Documents / Resources

	<a href="#">Zigbee Motion Sensor</a> [pdf] User Guide Motion Sensor, ZBSM10WT
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## References

- [Smart solutions for your daily needs | Nedis](#)
- [SmartLife Motion Sensor | Zigbee 3.0 | Battery Powered | IP20 | Detector angle: 120 ° | Detector range: 5 m | Max. battery life: 12 months | White](#)
- [SmartLife-Bewegungssensor | Zigbee 3.0 | Batteriebetrieben | IP20 | Detektorwinkel: 120 ° | Detektorreichweite: 5 m | Max. Batterie-Lebensdauer: 12 Monate | Weiss](#)
- [Sensor de Movimiento SmartLife | Zigbee 3.0 | Alimentado por baterías | IP20 | Ángulo del detector: 120 ° | Rango del detector: 5 m | Máx. vida de batería: 12 meses | Blanco](#)
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- [Sensore di movimento SmartLife | Zigbee 3.0 | Alimentazione a batteria | IP20 | Angolo rilevatore: 120 ° | Intervallo rilevatore: 5 m | Mas. durata della batteria: 12 mesi | Bianco](#)
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