ELKO - Motion Sensor Outdoor, 360

Wiser Home Device user guide

Information about features and functionality of the device.

01/2026

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Safety Information

Important Information

Read these instructions carefully and look at the equipment to become familiar with the device before trying to install, operate, service, or maintain it. The following special messages may appear throughout this manual or on the equipment to warn of potential hazards or to call attention to information that clarifies or simplifies a procedure.

The addition of either symbol to a “Danger” or “Warning” safety label indicates that an electrical hazard exists which will result in personal injury if the instructions are not followed.

This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that accompany this symbol to avoid possible injury or death.

⚠⚠DANGER

DANGER indicates a hazardous situation which, if not avoided, **will result in** death or serious injury.

Failure to follow these instructions will result in death or serious injury.

⚠WARNING

WARNING indicates a hazardous situation which, if not avoided, **could result in** death or serious injury.

⚠CAUTION

CAUTION indicates a hazardous situation which, if not avoided, **could result in** minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to physical injury.

About the Document

Document Scope

This document provides detailed guidance on installing, configuring, and using the ELKO Motion Sensor Outdoor, 360 with the Wiser Home system. It explains how to adjust device settings such as sensitivity, lux levels, and motion detection timers, and how to pair the sensor with micro modules or the Wiser Hub. Users can create automations and moments, monitor device history, and control connected devices through the Wiser Home app. The guide also includes LED indications, reset procedures, and troubleshooting steps to ensure optimal performance and connectivity.

Validity Note

The characteristics of the products described in this document are intended to match the characteristics that are available on elko.no. As part of our corporate strategy for constant improvement, we may revise the content over time to enhance clarity and accuracy. If you see a difference between the characteristics in this document and the characteristics on elko.no, consider elko.no to contain the latest information.

For your safety

⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

Safe electrical installation must be carried out only by skilled professionals. Skilled professionals must prove profound knowledge in the following areas:

- Connecting to installation networks.

- Connecting several electrical devices.

- Laying electric cables.

- Safety standards, local wiring rules and regulations.

Failure to follow these instructions will result in death or serious injury.

NOTICE

RISK OF DAMAGE TO DEVICE

- Always operate the product in compliance with the specified technical data.
- Do not install the sensor in a place with strong sunlight or wind (for example, close to ventilation).

Failure to follow these instructions can result in equipment damage.

General Cybersecurity Information

In recent years, the growing number of networked machines and production plants has seen a corresponding increase in the potential for cyber threats, such as unauthorized access, data breaches, and operational disruptions. You must, therefore, consider all possible cybersecurity measures to help protect assets and systems against such threats.

To help keep your Schneider Electric products secure and protected, it is in your best interest to implement the cybersecurity best practices as described in the Cybersecurity Best Practices document.

Schneider Electric provides additional information and assistance:

- Subscribe to the Schneider Electric security newsletter.
- Visit the Cybersecurity Support Portal web page to:
  - Find Security Notifications.
  - Report vulnerabilities and incidents.
- Visit the Schneider Electric Cybersecurity and Data Protection Posture web page to:
  - Access the cybersecurity posture.
  - Learn more about cybersecurity in the cybersecurity academy.
  - Explore the cybersecurity services from Schneider Electric.

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https://www.se.com/myschneider

General information about Schneider Environmental Data Program

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https://www.se.com/ww/en/about-us/sustainability/environmental-data-program/

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Hereby, Schneider Electric Industries SAS, declares that this product is in compliance with the essential requirements and other relevant provisions of RADIO EQUIPMENT DIRECTIVE 2014/53/EU.

Declaration of conformity can be downloaded on:

- https://www.go2se.com/ref=EKO025213
- https://www.go2se.com/ref=EKO025212

Available Languages of the Document

The document is available in these languages:

- English
- Norwegian

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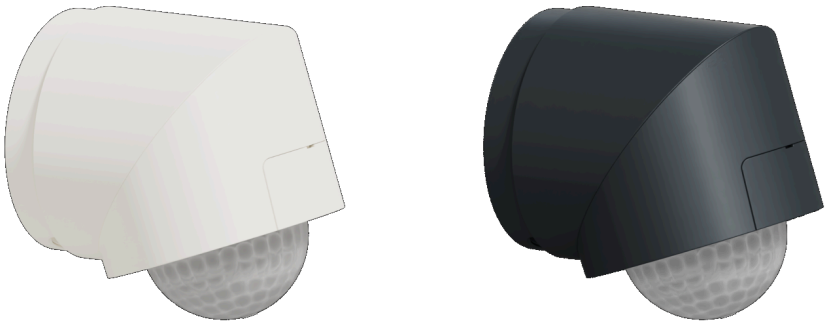
ELKO - Motion Sensor Outdoor, 360



EKO025212, EKO025213

About the device

The ELKO - Motion Sensor Outdoor, 360 (hereinafter referred to as **motion sensor**) detects nearby movement and measures the luminance of the environment to control the on/off function of the connected load or paired micro module. When motion is detected and the environment is darker than the set light level, the load will be turned on for the specified duration, starting from the last detection.

It can also control micro modules through a Quick Home Connection. In this setup when the motion is detected, the loads and the micro modules connected to the motion sensor turn on/off together.

Functionalities and features:

- **Expandable Connectivity:** 1 motion sensor can connect with 3 Micro modules via Quick Home Connection.
- **Efficient Multi-Device Connection:** 5 motion sensors can be linked to 1 Micro module via Quick Home Connection, maximizing convenience and efficiency.
- **Customized Sensitivity:** Tailor the sensitivity of the device to suit your needs for precise control.
- **Adaptable LUX settings:** Adjust the threshold of the light level to validate the detection.
- **Flexible Time Settings:** Easily adjust the duration for which the load stays on after motion is detected to accommodate your schedule and preferences.

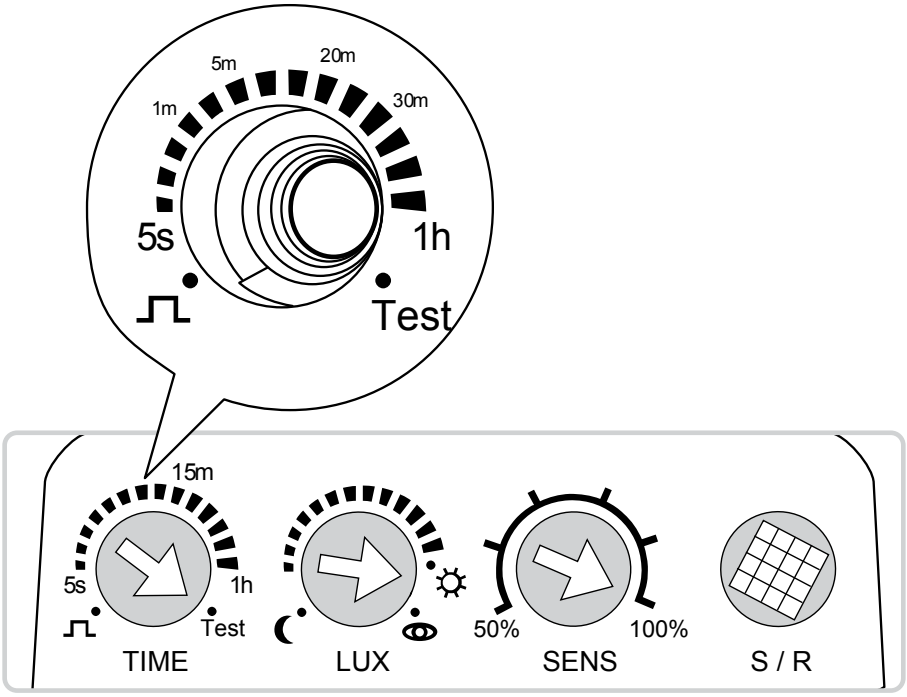
Installing the device

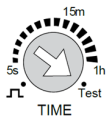
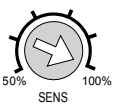
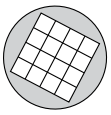
Refer to the installation instruction supplied with this product.

See installation instruction. Refer to installation instruction.

Device settings

You can adjust settings like sensitivity, time, LUX level of the motion sensor using a screwdriver.



	**Time setting**	**Time setting:** Adjusts the duration for which the sensor activates or triggers the connected load after detecting motion. **NOTE:** If you re-trigger the sensor, the timer will get reset. You can also change the status of the load before the set time expires. For more details on controlling the load's behavior, refer to Override modes, page 10.
		Short Pulse ⎍: Load is switched ON for 1.5 s to trigger certain switches, e.g. to trigger timer for staircase lights. **NOTE:** Short Pulse can only be triggered every 10 s.
		5s - 1hr (Logarithmic scale): Set the duration for which the connected load stays ON after motion is detected. When time expires, the connected load will turn off automatically.
		Test: Test the sensitivity setting. The Load turns ON for 2 s each time a motion is detected. The brightness setting will be ignored. **NOTE:** Test can only be triggered every 5 s.
	**LUX setting**	**LUX setting:** Sets the ambient brightness threshold at which the sensor activates or triggers the connected load. When set to a specific lux level, the sensor will initiate its operation when the ambient brightness falls below the threshold level.
		1-2000 Lux ◠: Set the brightness threshold at which the sensor should turn ON the load. When the ambient brightness falls below the set lux level, the motion sensor will be triggered to operate.
		Day mode ☼: The sensor will turn the load ON if motion is detected, regardless of ambient brightness. This means that the sensor will respond to motion and trigger actions during both day and night.
		Teach in Threshold 👁: This setting allows the sensor to learn and save the current ambient brightness as the threshold for triggering the load. When this setting is selected, the current ambient brightness will be saved as the threshold after 15 seconds, giving time for the installer to step back and capture the correct brightness. The sensor will then use this saved brightness level as a reference for triggering the load.
	**Sensitivity**	Determines the detection range by adjusting the sensor's sensitivity level. The higher the sensitivity, the more the detection range. Sensitivity level: 50%, 60%, 70%, 80%, 90%, 100%
	**Setup/Reset**	• To connect the motion sensor to a Wiser Micro Module. Refer to Pairing Micro Module with Motion sensor, page 14. • To reset to factory default settings. Refer to Resetting the device, page 43.

Override modes

This mode temporarily overrides the automatic operation of the motion sensor. For example, it allows you to trigger the load for a set period, even if no motion is detected. The motion sensor has two modes that can temporarily override the default automatic mode. These modes are activated by switching the sensor OFF and then back ON using a switch or push-button.

NOTE:

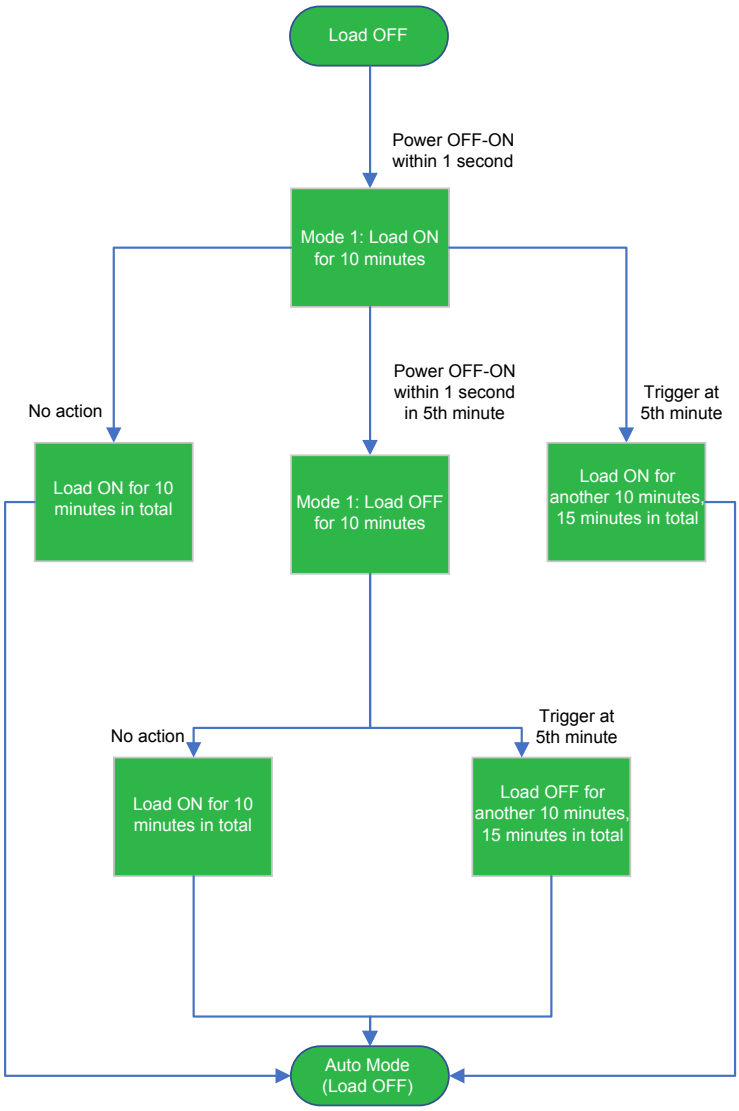
- The automatic mode is the normal use mode where the motion sensor is in ON state.
- This mode is not applicable in the Wiser Home app.
- During mode 1 and mode 2, the lux value adjustments are disabled.

Mode 1 :

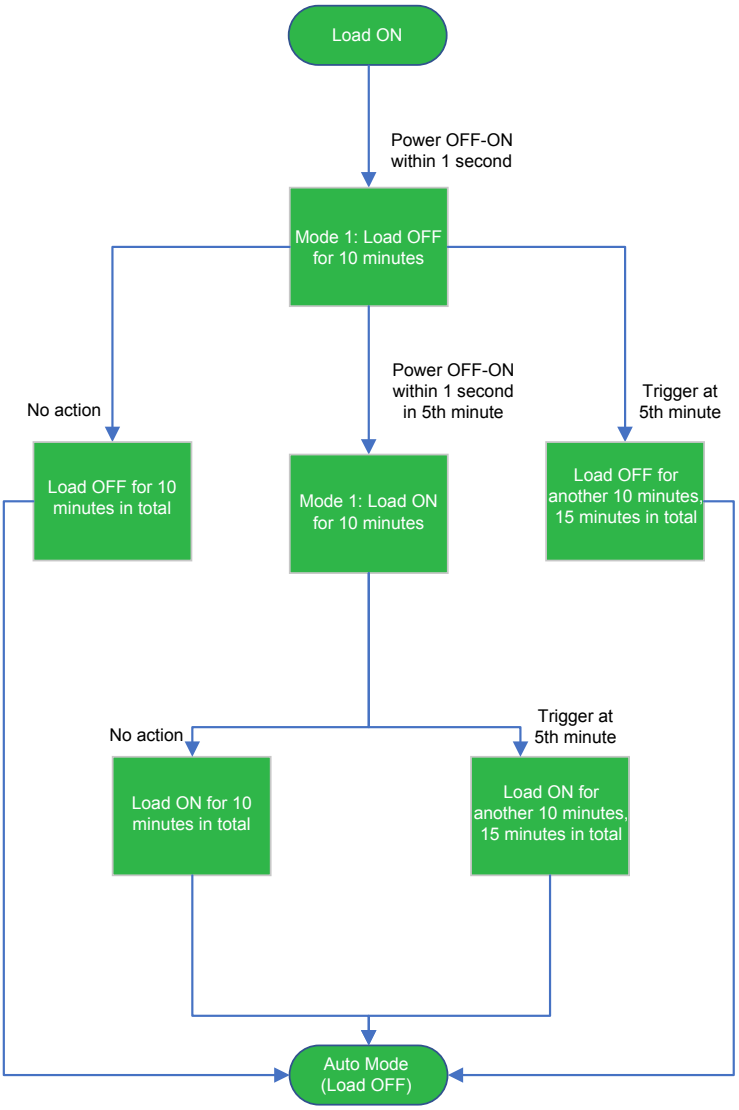
The connected load turns ON or OFF depending on its current state for the set time. After the set time expires, the sensor returns to automatic mode.

To trigger mode 1: Turn the switch or push-button OFF - ON within 1 s.

Example 1: Auto Load OFF



Example 2: Auto Load ON



To manually exit mode 1: Switch to mode 2 (power OFF - ON twice within 2 s), then power OFF-ON within 1 s.

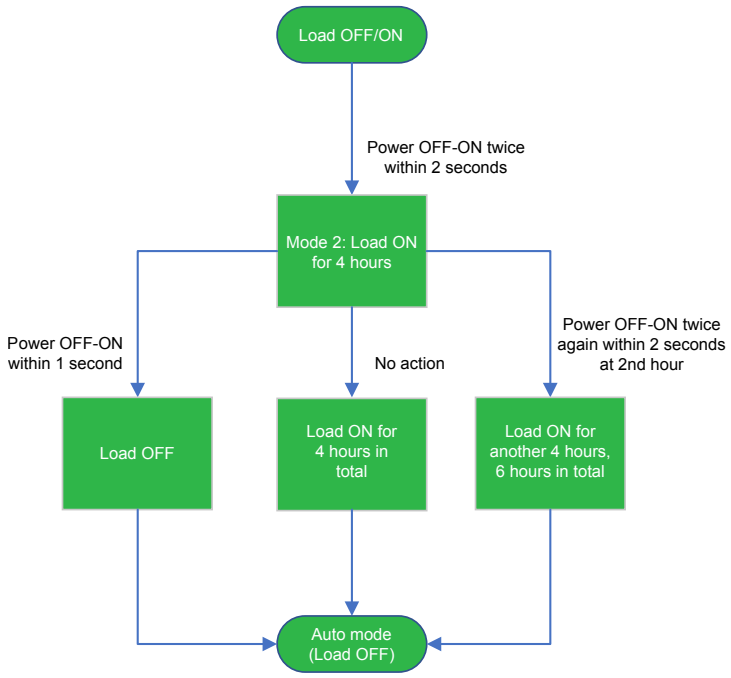
Mode 2:

The connected load stays ON for four hours. After four hours, the sensor returns to automatic mode.

NOTE: When the mode 2 is active, turning the switch or push-button OFF - ON twice again within 2 s will turn on the load for another 4 hours.

To trigger mode 2: Turn the switch or push-button OFF - ON twice within 2 s.

Example:

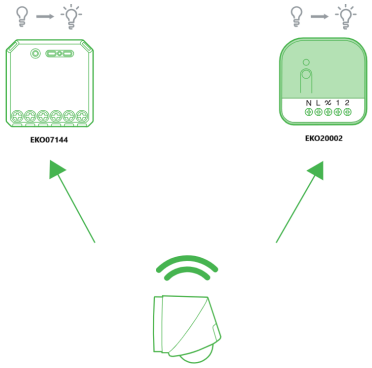


To manually exit mode 2: Power OFF-ON within 1s.

Quick Home Connect

About Quick Home Connect

Quick Home Connect is a wireless connectivity solution for Zigbee® devices without the need for a Hub or smartphone application. Quick Home Connect is your starting point for wireless home automation.
It performs functions like switching, dimming via a Zigbee® network. You can connect a ELKO - SmartRelay Puck 10AX or SmartDim LED Puck Multiwire (hereafter referred as **micro module**) to the sensor.
When the motion sensor is triggered, it sends a signal to the connected micro modules. You can pair up to three micro modules with the sensor.



Supported devices

- ELKO - SmartRelay Puck 10AX
- SmartDim LED Puck Multiwire

Limitations

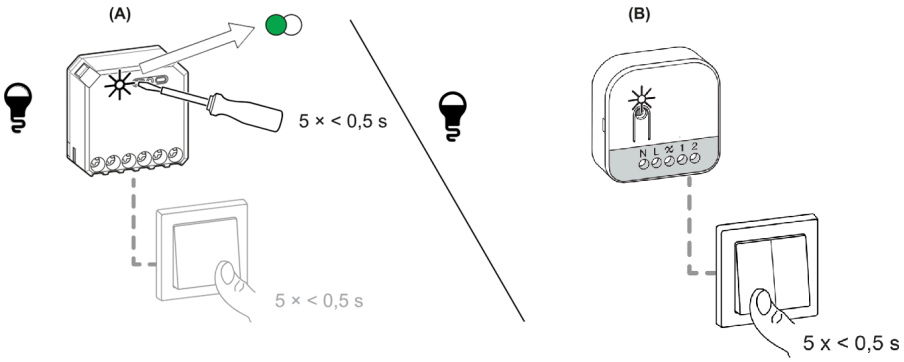
- You can connect maximum of 3 micro modules with 1 motion sensor via Quick Home Connect.
- You can connect maximum of 5 motion sensors to 1 micro module via Quick Home Connect.

Pairing Micro Module with Motion Sensor

To pair a micro module to the motion sensor:

IMPORTANT: Micro module must be a ELKO - SmartRelay Puck 10AX or SmartDim LED Puck Multiwire.

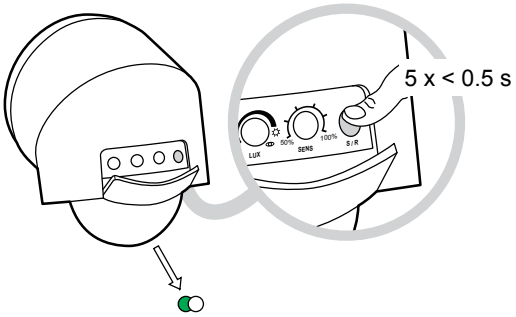
1. Follow any one of the options to pair micro module with motion sensor:
   - Short press the S/R (setup/reset) button 5 times in quick succession on the micro module with a screwdriver.
   - Short press the mechanical push-button 5 times in quick succession.



The status LED blinks green on the micro module LED.

NOTE: If the micro module is located behind the mechanical push-button, the status LED is not visible.

2. Open the cover of the motion sensor and short press the S/R (setup/reset) button 5 times in quick succession.

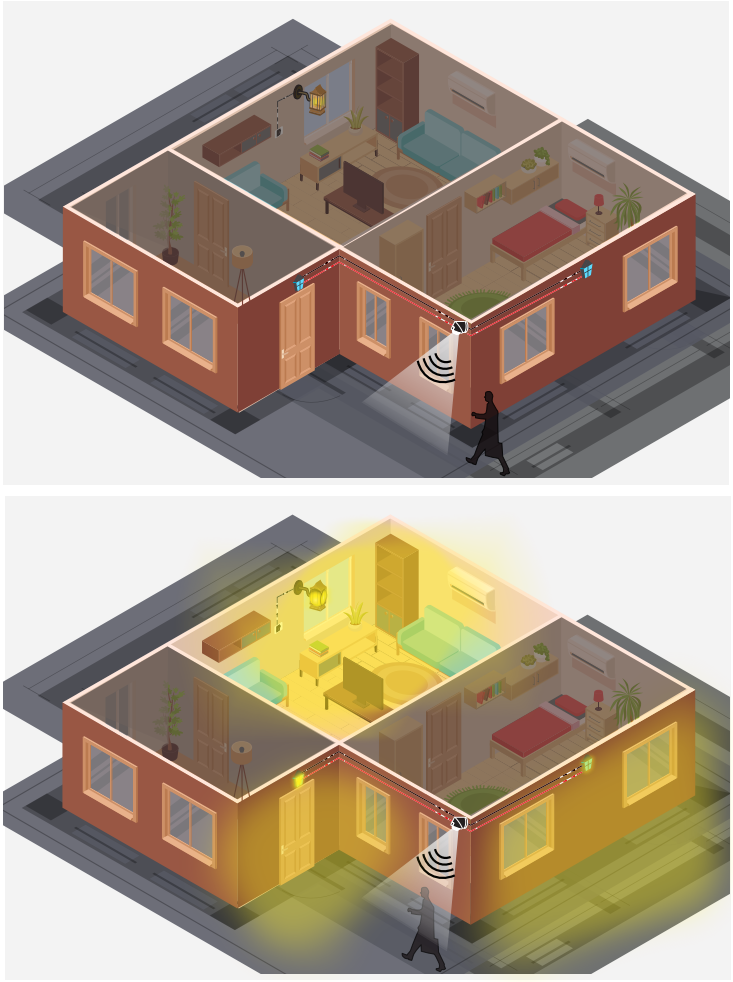


- The status LED blinks green for few seconds.
- When successfully paired, the status LED on the micro module and the motion sensor turns off.

The load can now be controlled by the motion sensor.

Using the device in Quick Home Connect

When motion is detected within the sensor’s detection range, it will switch on the connected load (light) automatically. The light will remain ON for the duration specified in the time setting. For more information refer to Device settings, page 8.



LED indications in Quick Home Connect

Pairing the device in Quick Home Connect

User Action	LED Indication	Status
Press the S/R button of the motion sensor 5 times in quick succession.	LED blinks green, once per second.	Pairing mode is active for 60 seconds. When pairing is completed, LED stops blinking.

Resetting the device in Quick Home Connect

It is necessary to reset the devices in the following scenarios:

- **Unpair the device in Quick Home Connect**
  - Refer to Resetting Motion sensor, page 43.
  - Refer to Resetting the device - ELKO - SmartRelay Puck 10AX and SmartDim LED Puck Multiwire.

  When reset is done successfully, the **Motion sensor** and micro module returns to **factory default**.

Pairing the device with the Wiser Hub

Pre-requisite:

- The motion sensor should be correctly wired and powered.
- Control panel of the motion sensor should be accessible.

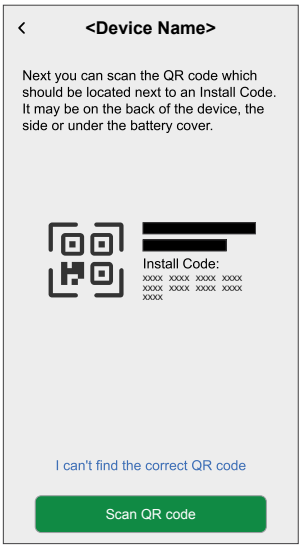
To pair the motion sensor:

1. On the **Home** screen, tap .
2. Tap **Devices** > + > **Safety and Security** > **Outdoor Motion Sensor**.

   TIP: You can also navigate by tapping **Control** tab > + > **Safety and Security** > **Outdoor Motion Sensor**.

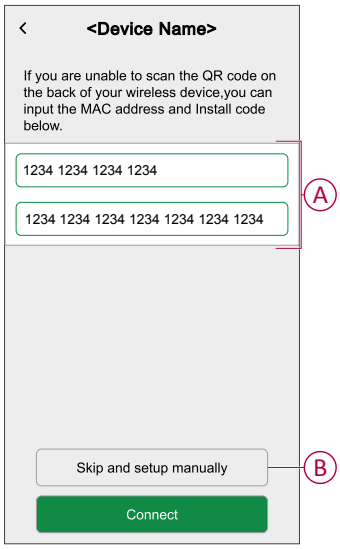
3. Tap **Scan QR code** and allow the Wiser Home app to access your camera. Then, scan the QR code located on the device.

   NOTE: If you are unable to find the correct QR code, tap **I can't find the correct QR code** to pair the device manually and proceed to step 4.

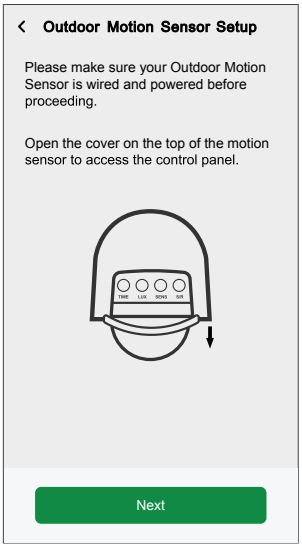


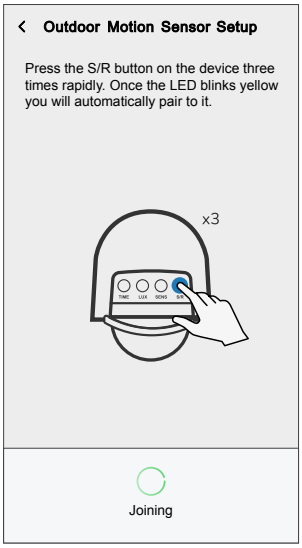
If the QR code is incorrect, a message **Incorrect QR code scanned** will appear. Tap **I can't scan the QR code** and choose one of the following options:

- **(A):** Enter the **Mac Address/EUI-64** and **Install Code**, then tap **Connect**. The app will verify if the Mac Address/EUI-64 and Install code are valid.
- **(B):** Tap this option if you are unable to find the Mac Address/EUI-64 and Install code.

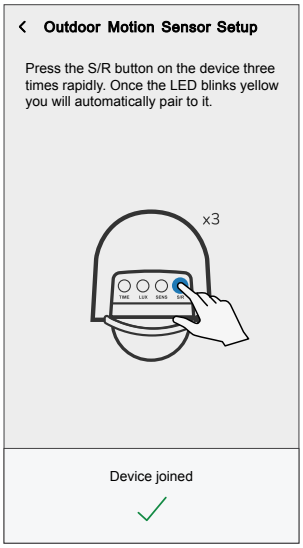


4. Tap **Next** and press the S/R button on the motion sensor three times. This starts the **Joining** process.

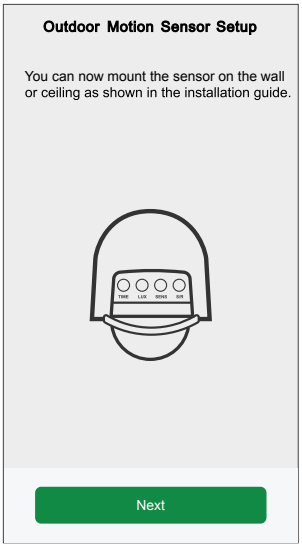




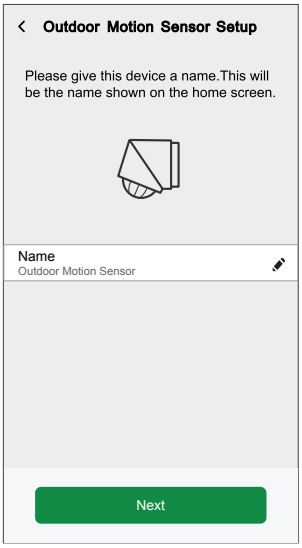
The app confirms that the device is joined and a yellow LED blinks on the motion sensor.



5. Mount the motion sensor on the wall or ceiling and tap **Next** to start configuring the motion sensor.

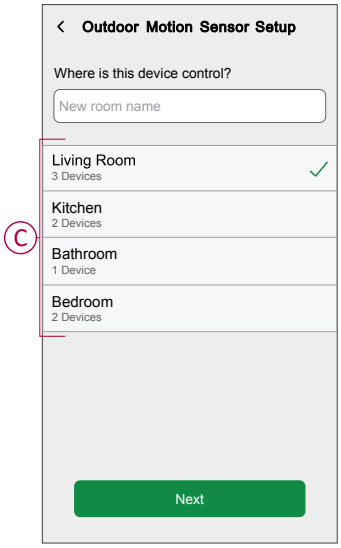


6. Enter the name of the motion sensor and tap **Next**.

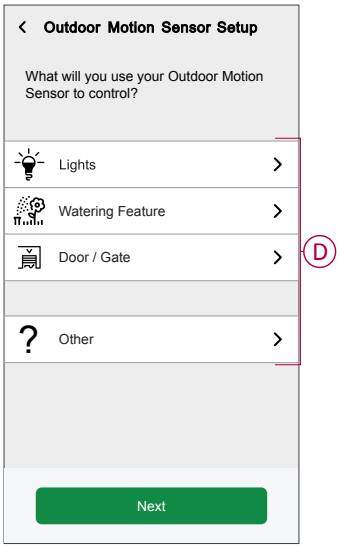


7. Assign a location for the motion sensor from the list (C) and tap **Next**.

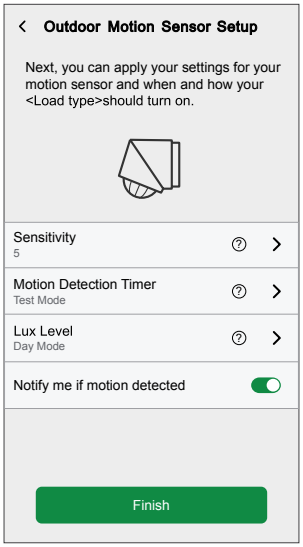
   TIP: If the location of the motion sensor is not there in the list (C), it can be added to the list by entering its name in the **New room name** box.



8. Select a device from the list (D) that shall operate after motion detection and tap **Next**.



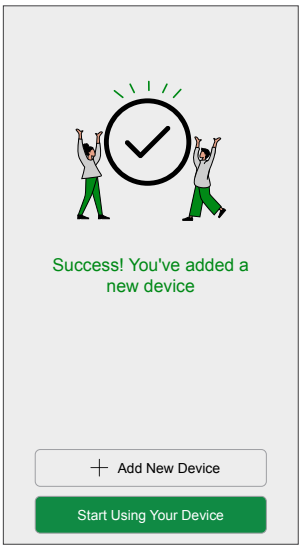
NOTE: There are default settings for **Sensitivity**, **Motion Detection Timer**, **Lux Level** and motion detection notification. You can update them if necessary.



9. Tap **Finish**.

   After you pair the device, a success screen appears with the following options:

   - **+ Add New Device**: Tap to continue pairing more devices.
   - **Start Using Your Device**: Tap to start using the paired device.



   NOTE: The success screen appears only if you are logged in as a **Home Owner**.

The motion sensor is now listed on the **Control** tab under the **All** section and in the room it is assigned to.

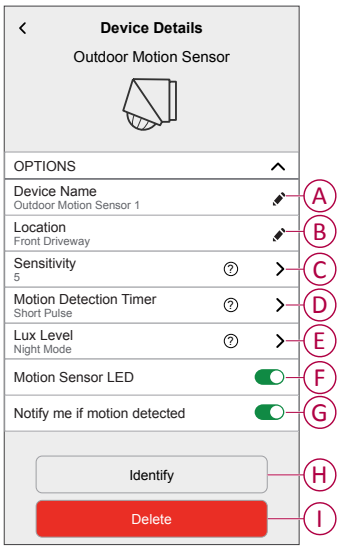
Configuring the motion sensor

Using the Wiser Home app, you can update the configuration of the motion sensor.

You can configure the device through its **Device Details** screen.

1. On the **Home** screen, tap .
2. Tap **Devices** > **Outdoor Motion Sensor** and select the motion sensor which you want to configure.

   TIP: You can also open device details screen by tapping on **Device settings** on the device control screen.

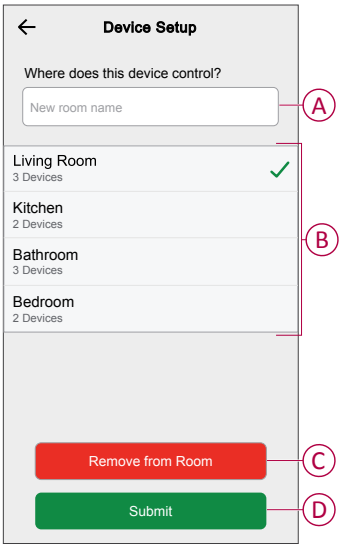


A	**Device Name**: Tap to change the name of the device.
B	**Location**: Tap to assign a location for the motion sensor. Refer to Changing the location, page 23 for more details on how to set the location.
C	**Sensitivity**: Tap to define the detection range of the motion sensor. Higher the sensitivity, more the detection range. Refer to Setting the sensitivity, page 24 for more details on how to set sensitivity.
D	**Motion Detection Timer**: Tap to manage the operation time of a device after motion detection. Refer to Setting the motion detection timer, page 25 for more details on how to set the lux level.
E	**Lux Level**: Tap to define threshold light intensity below which the connected load shall be activated. Refer to Setting the lux level, page 25 for more details on how to set the lux level.
F	**Motion Sensor LED**: Tap the toggle switch (G) to allow the LED on the motion sensor to turn ON/OFF when motion is detected by the motion sensor.
G	**Notify me if motion detected**: Tap the toggle switch (H) to turn the notification ON/OFF. When it is ON and the motion is detected by the motion sensor, you get the notifications in the Wiser Home app.
H	**Identify**: Tap to find the location of the motion sensor in the room. **NOTE:** Upon identification of the motion sensor, the status LED on it blinks. Tap **OK** after identifying the motion sensor.
I	**Delete**: Tap to remove a motion sensor from the Wiser Home app. **NOTE:** After deleting, the motion sensor to operate being independent of the settings made in the Wiser Home app.

Changing the location

Using the Wiser Home app, you can change the location of the motion sensor.

1. On the **Device Details** screen, tap  of **Location**.
2. On setup page, you can enter **New room name** (A) or select an existing room from the list (B).



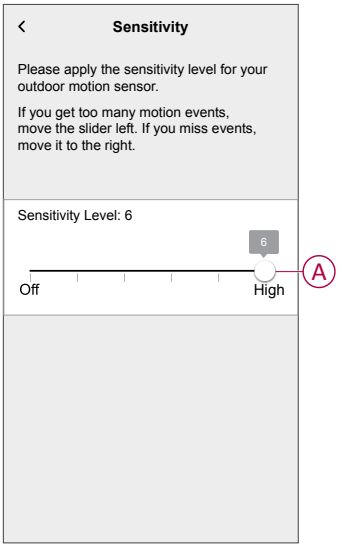
TIP: If the device is already assigned, you can tap **Remove from Room** (C) to remove it from the existing room.

3. Once changes are done, tap **Submit** (D) to confirm the location of the motion sensor.

Setting the sensitivity

Using the Wiser Home app, you can manage the sensitivity to define the detection range of the motion sensor.
To set the sensitivity:

1. On the **Device Details** screen, tap **Sensitivity**.
2. Drag the slider (A) left/right.



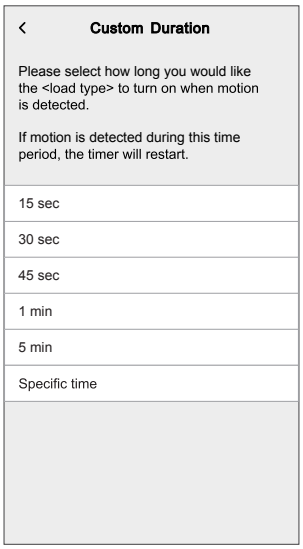
Setting the motion detection timer

Using the Wiser Home app, you can set the time of operation of a device after motion detection.
To set the motion detection timer:

1. On the **Device Details** screen, tap **Motion Detection Timer**.
2. Select one of the following modes:
   - **Test Mode**: To test the motion sensor and make sure that its placement and detection range are as required.

     NOTE: In this mode, the device connected to the motion sensor turns ON for 2 seconds after motion detection and then goes OFF for 3 seconds. If the motion is still detected after these 5 seconds, the device turns ON again.
   - **Short Pulse**: For devices which needs a short activation to complete an action like triggering an alert or capturing a photo.

     NOTE: In this mode, the device connected to the motion sensor turns ON for 1.5 seconds after motion detection and then goes OFF for 8.5 seconds. If the motion is still detected after these 10 seconds, the device turns ON again.
   - **Custom Duration**: To manually set the duration for which the device should operate after a motion detection.
3. If you tap **Custom Duration** you can:
   - Select a time period from the list ranging from **15 sec** to **5 min** or
   - Tap on **Specific time** to choose a time apart from the list.



Setting the lux level

Using the Wiser Home app, you can set the motion sensor's lux level.

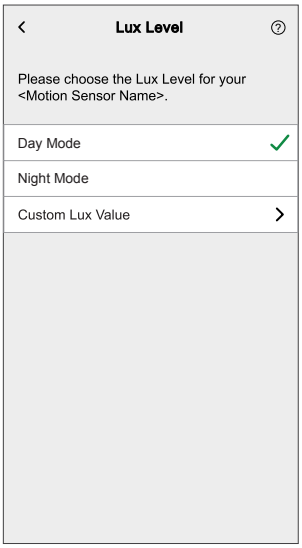
Lux level is the surrounding light intensity. Below the threshold lux level, when motion is detected, the devices associated with the motion sensor gets activated.

To adjust the lux level:

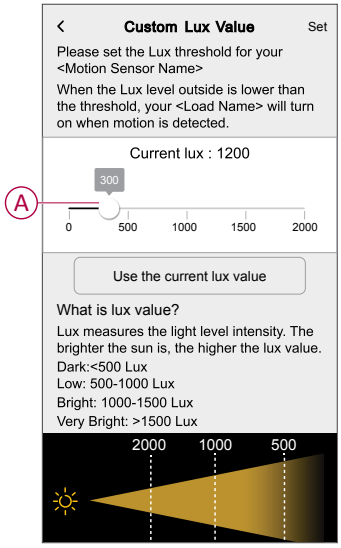
1. On the **Device Details** screen, tap **Lux level**.

2. Select one of the following modes:
   - **Day Mode**: For the devices which should be active during the days and the nights. The device operates irrespective of any lux value.
   - **Night Mode**: For the devices which should be active in low light conditions. The device operates when the lux level is below 50.

     NOTE: This mode is commonly used for outdoor lights.
   - **Custom Lux Value**: This allows the manual setting of the threshold lux level (from 0 to 2000).



3. If you tap **Custom Lux Value**, drag the slider (A) right/left to adjust the threshold lux level.

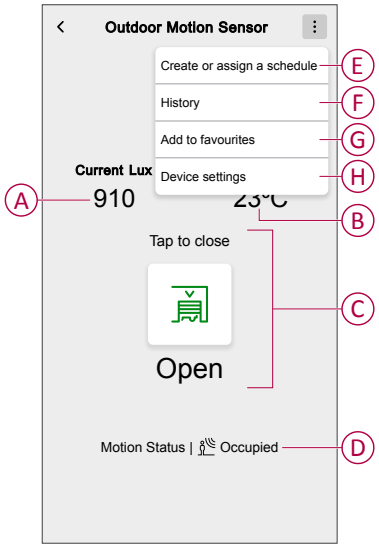


4. Tap **Set**.

   TIP: You can tap **Use the current lux value** to set the current ambient light intensity as the threshold lux level. The set threshold lux level will not be more than 2000.

Using the motion sensor

The following image shows the details available on the device control screen:



A	Current lux value.
B	Current temperature.
C	Current state of the device connected to the motion sensor and the instruction to operate it. For example: • If the sensor controls the door/gate, you can set it to Open/Close. • If the sensor controls the devices like lights, you can set it to On/Off.
D	Current state of the motion sensor. When the motion is detected by the motion sensor, it displays **Occupied**, otherwise it displays **Unoccupied**.
E	Option to create a schedule.
F	Option to monitor the history of motion detection and temperature.
G	Tap to add the device to the Favorite devices section in the Home screen. When you add it to your Favourites. To know more about Favourites, refer to the **Managing Favourites** topic in the respective System User Guide.
H	Option to access the **Device Details** screen to update the motion sensor configuration.

Controlling the motion sensor

Using the Wiser Home app, you can:

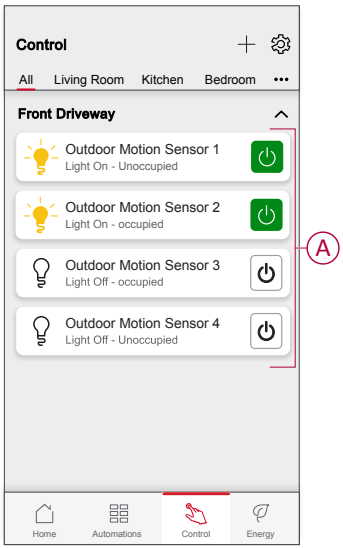
- See if the motion sensor is occupied or unoccupied.
- Set the time for which a device connected to the motion sensor should operate after motion detection.
- Manage the state (ON/OFF or Open/Close) of the device connected to the motion sensor.

To control the device connected to the motion sensor:

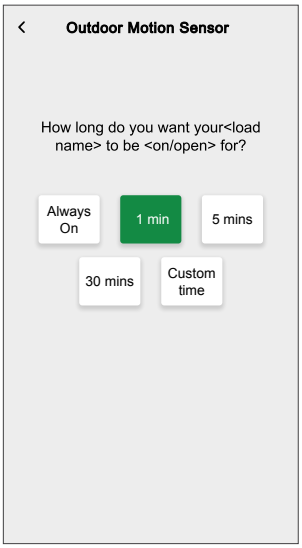
1. On the **Control** tab, tap **All** devices or a room tab where the motion sensor is located.

   NOTE: If you only have a single device in the Wiser System, the **Control** tab will not be visible. All functions will be accessible through the **Home** screen.

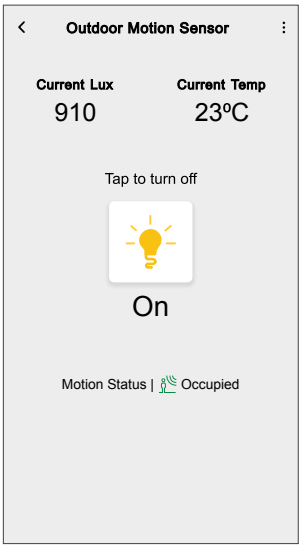
2. Select the required motion sensor from the list (A).

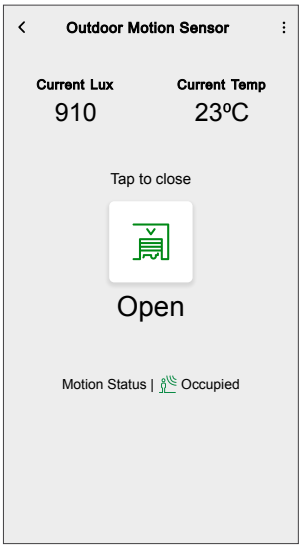


3. Select the time for which the connected device should operate.



4. If required, tap on the device icon to activate or deactivate it.



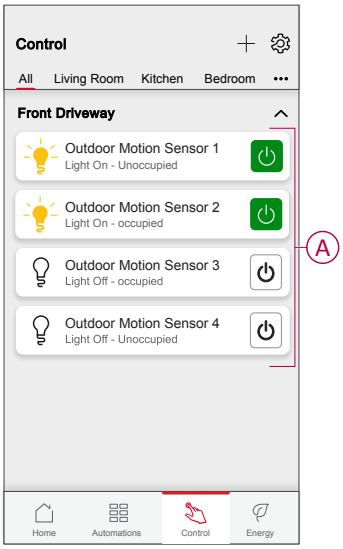


Checking the history

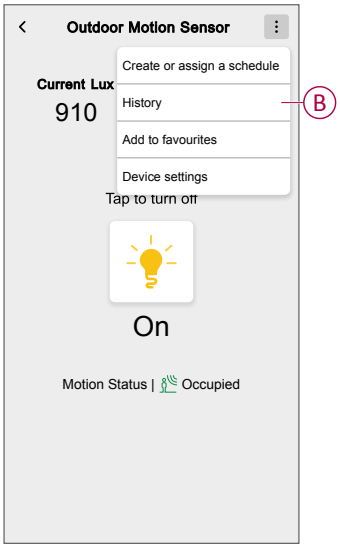
By using the Wiser Home app, you can check the history of motion detection events and temperature.

To check the history:

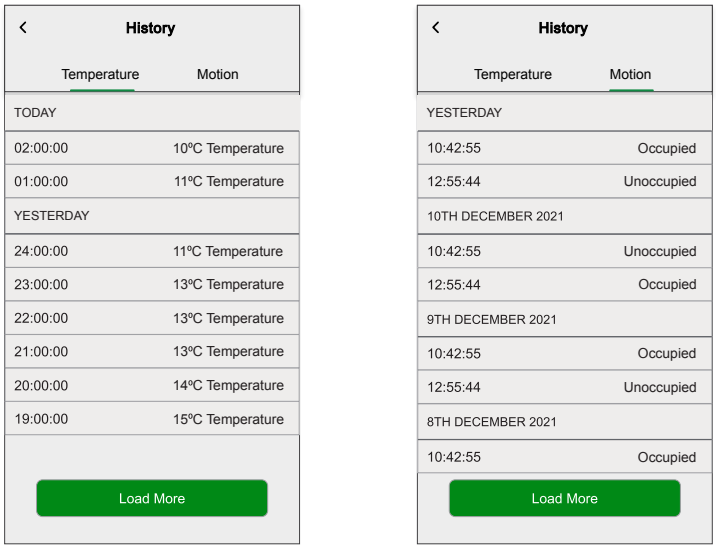
1. On the **Control** tab, tap **All** devices or a room tab where the motion sensor is located.
2. Select the required motion sensor from the list (A).



3. Tap **History** (B).



4. Tap any of the following options:
   - **Temperature**: To see the history of temperature.
   - **Motion**: To see the history of motion detection events.



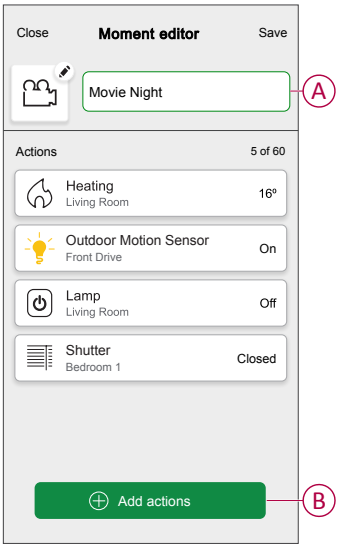
TIP: Tap **Load More** to see 100 more events.
History of motion detection events of last 30 days and temperature of last one year can be checked.

Creating a moment

Moment allows you to group multiple actions that are usually performed together. By using the Wiser Home app, you can create moments.

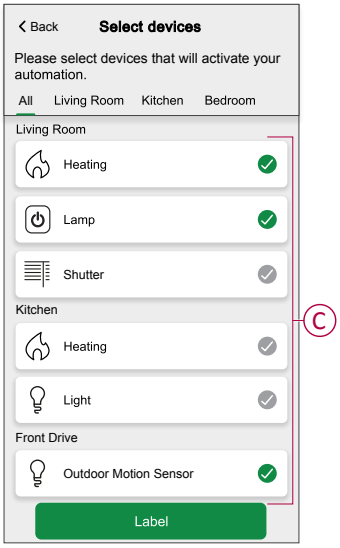
To create a moment:

1. On the **Home** screen, tap .
2. Go to **Moment** > + to create a moment.
3. Enter the name of the moment (A).



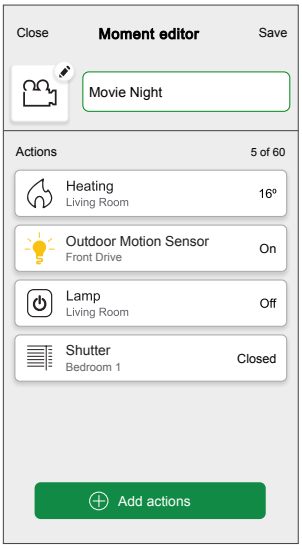
4. Tap **Add actions** (B) to select the list of devices.

5. In the **Select devices** page, select the devices to be operated by the moment from the list (C).



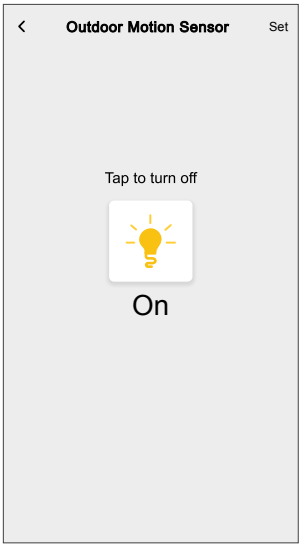
6. Tap **Label**.

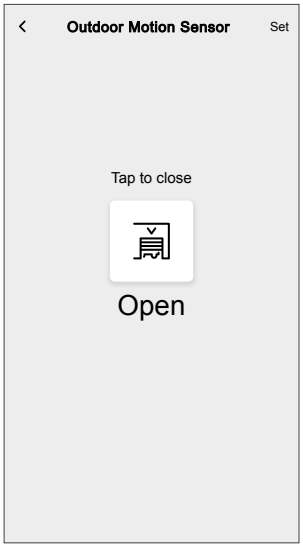
7. On the **Moment creator** page, tap **Outdoor Motion Sensor** to set it On/Off or Open/Close.



For example:

- If the sensor controls the door/gate, you can set it to Open/Close.
- If the sensor controls the devices like lights, you can set it to On/Off.





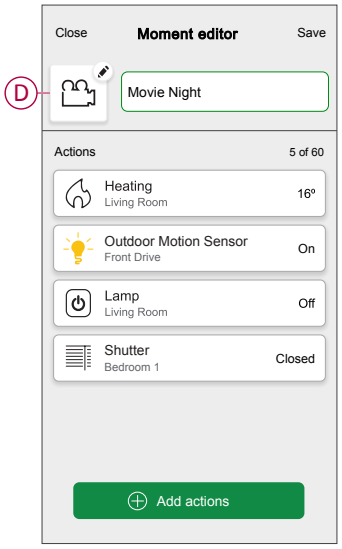
8. Tap **Set**.
9. On the **Moment creator** page, tap **Save**.

   The moment will be visible on the **Moments** tab. You can tap on the moment to enable it.

   TIP:

   - If you want to see the created moments on the **Home** screen, go to **Home** >  > **Home** screen > **Moments**. Enable the toggle button to view moments on the **Home** screen.
   - You can also rearrange the moments by tapping **Edit** from the **Moments** tab on the **Home** screen, or by tapping **Automation** > **Moments** > **Reorder**.

10. To change the icon of the moment, tap the icon (D), select the required icon and tap **Save**.

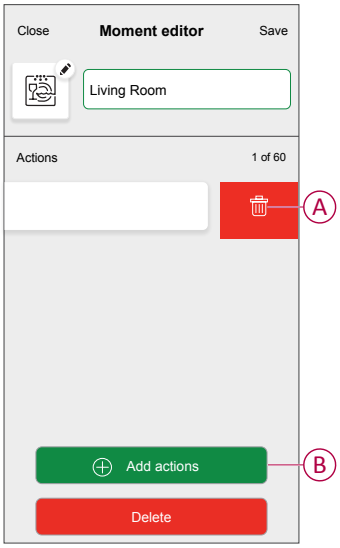


Editing a moment

Using Wiser Home app, you can edit the existing moment.

To edit a moment:

1. On the **Home** screen, tap .
2. Go to **Moments**, select the moment you want to edit and tap .
3. On the **Moment editor** page, you can now perform following changes:
   - Change the icon.
   - Rename the moment.
   - Tap each action to change the settings.
     - To remove a action, slide the action towards left and then tap (A) to delete it.
     - Tap **Add actions** (B) to add new conditions.



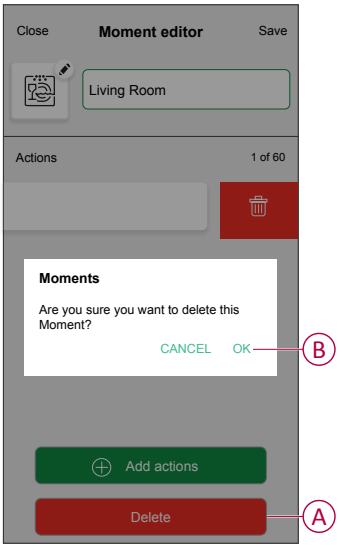
4. Tap **Save** to save the changes.

Deleting a moment

Using Wiser Home app, you can delete the existing moment.

To delete a moment:

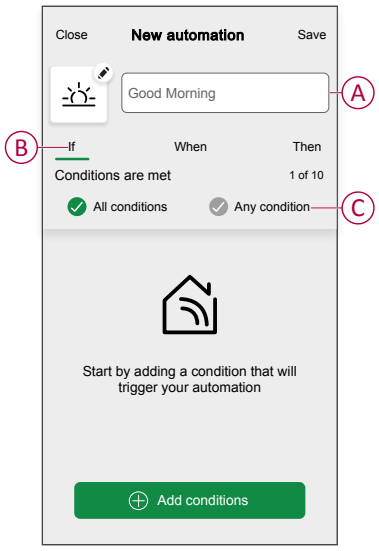
1. On the **Home** screen, tap .
2. Go to **Moments**, select the moment you want to delete and tap .
3. Tap **Delete** (A).
4. Read the confirmation message and then tap **OK** (B).



Creating an automation

Using Wiser Home app, you can create automations to automatically trigger multiple actions together, at scheduled times or when a set of conditions are met.

1. On the **Home** screen, tap .
2. Select **Automation** > + to create an automation.
3. Enter the automation name (A).

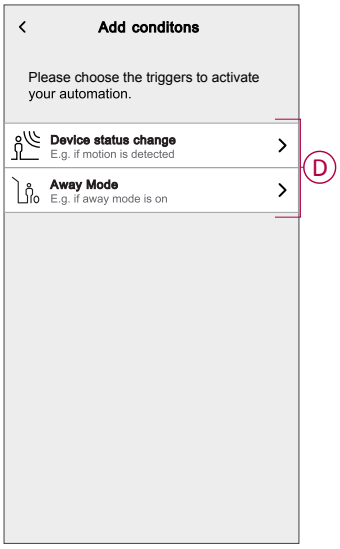


4. Tap **If** (B) and select any of the conditions (C):
   - **All conditions**: To trigger an action when all the defined conditions are met.
   - **Any condition**: To trigger an action when any of the defined condition is met.
5. Tap **Add conditions** and select any of the following (D):
   - **Device status change**: To select a device to enable automation.
   - **Away Mode**: To turn OFF the motion sensor and the device connected to it by enabling this mode. When the away mode is triggered, sensitivity of the motion sensor turns OFF.

     TIP: You can enable the motion sensor and the device connected to it by increasing the sensitivity level of the motion sensor. Refer to Setting the sensitivity, page 24 for more details on how to set sensitivity.

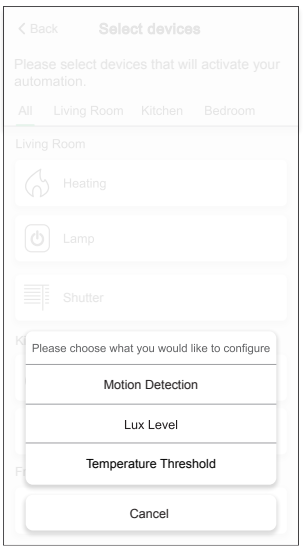
   NOTE: Maximum 10 conditions can be added.

   TIP: Away mode can also be used as a trigger to turn OFF the lights, dimmer or closing the gate etc. For more information refer to the Away Mode.

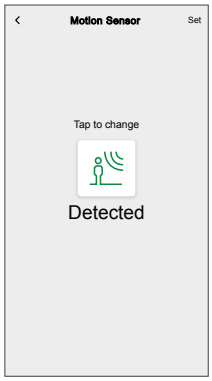


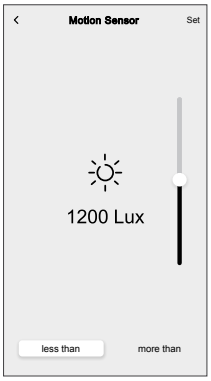
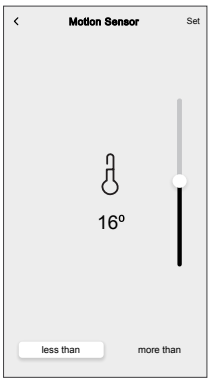
6. If you select **Device status change** tap **Outdoor Motion Sensor**.

7. You can choose and update the following configurations of the motion sensor that will trigger the automation:
   - **Motion detection**
   - **Lux level**
   - **Temperature threshold**.

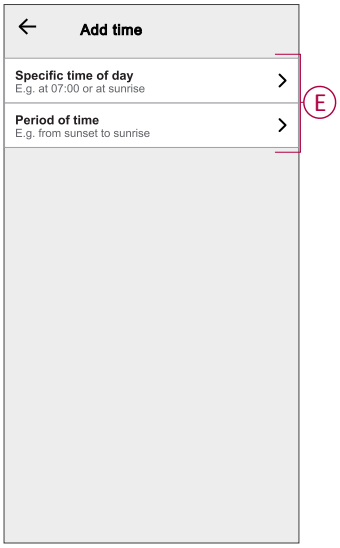


NOTE: There is a default setting for each of the configurations.

Setting	Default configuration	To update the configuration:
Motion detection	Detected	Tap the device icon to change it to **Not detected**. 

Lux level	< 1200	Tap **less than** or **more than**. Drag the slider up/ down. 
Temperature threshold	< 16 °C	Tap **less than** or **more than**. Drag the slider up/ down. 

8. Tap **Set**.
9. To set a specific time to trigger the automation, tap **When > Add time** and select any of the following (E):
   - **Specific time of the day**: **Sunrise**, **Sunset**, **Custom**.
   - **Period of time**: **Daytime**, **Night time**, **Custom**.

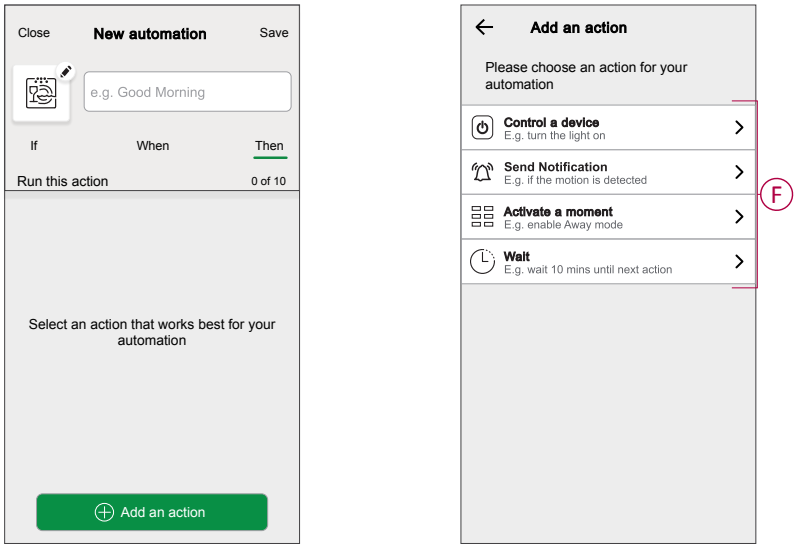


10. Tap **Set**.

11. To add an action, tap **Then** > **Add an action** and select any of the following (F):

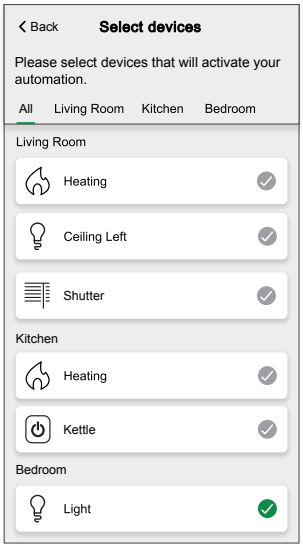
    NOTE: Maximum 10 actions can be added.

    - **Control a device** - Select the device which should be activated when the automation is triggered and set the desired state of the device.
    - **Send notification** - You will be notified if the automation is triggered.
    - **Activate a moment** - Select a moment to activate during the automation.
    - **Wait** - This option allows you to add a delay in an automation sequence. You can set the wait time in increments of 1 hour and 1 minute, up to a maximum of 24 hours. This feature is useful for delaying actions within an automation.

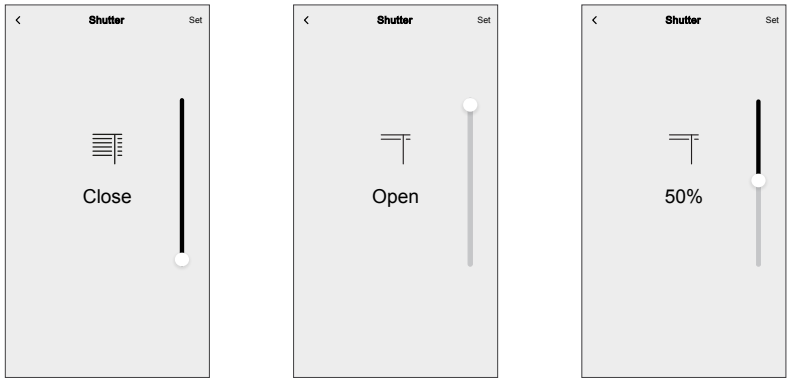


Below is the example to trigger an action for the shutters using **Control a device** option:

a. On the **New automation** page, select **Control a device** and choose **Shutter**.



b. Set the desired state of the shutter when the automation is triggered. Then, tap **Set**.

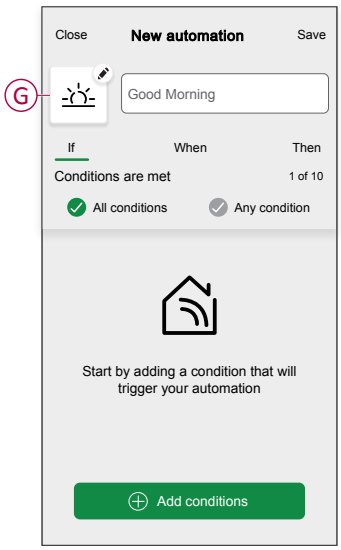


Below is the example to use the **Wait** option:

a. On the **New automation** page, tap **Add an action** and select **Wait**.

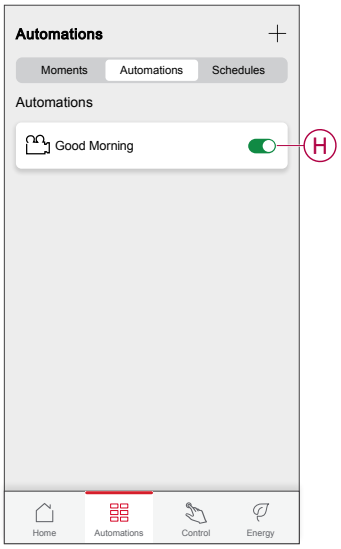
b. Scroll through the minutes and seconds to set the desired wait time. Then, tap **Set**.

12. Tap the icon (G) to display the icon which best represents the automation.



13. Select the icon from the **Choose an icon** page and tap **Save** to set the icon.
14. On the **New automation** page, tap **Save**.
    Once the automation is saved, it is visible in the list of automations.

15. Tap the toggle switch (H) on the **Automation** page to enable/disable the automation.

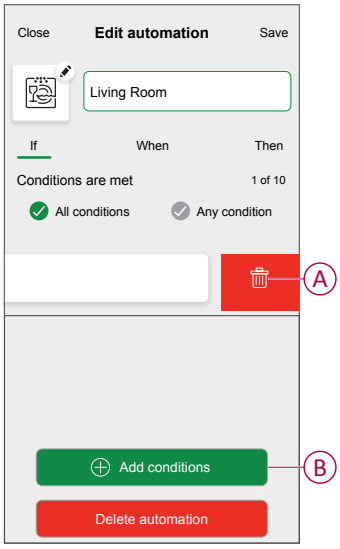


Editing an automation

Using Wiser Home app, you can edit the existing automations.

To edit an automation:

1. On the **Home** screen, tap .
2. Go to **Automation** tab.
3. Select the automation you want to edit.
4. You can now perform following changes:
   - Change the icon.
   - Rename the automation.
   - Tap each condition to change the settings.
     - To remove a condition, slide the condition towards left and then tap (A) to delete it.
     - Tap **Add conditions** (B) to add new condition.



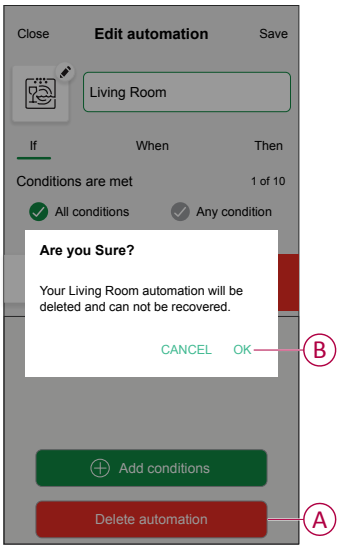
5. Tap **Save** to save the changes.

Deleting an automation

Using Wiser Home app, you can delete the existing automations.

To delete an automation:

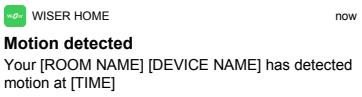
1. On the **Home** screen, tap .
2. Go to **Automation** tab.
3. Select the automation you want to delete.
4. Tap **Delete automation** (A).
5. Read the confirmation message and then tap **OK** (B).



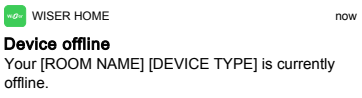
Notification

Using the Wiser Home app, you can see the following notifications related to the operation of the motion sensor.

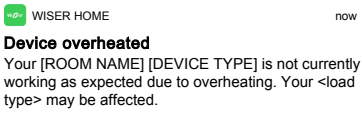
1. Notification for motion detection: When you enable this notification, and the motion is detected by the motion sensor, you get the notifications in the app. To enable/disable this notification, refer to G of Configuring the motion sensor, page 23.



2. Device off-line notification: You get this notification in the app when the motion sensor loses connectivity so you can restore the connectivity or troubleshoot the motion sensor at the earliest.



3. Overheating notification: You get this notification in the app when the motion sensor is overheated after a prolonged operation.



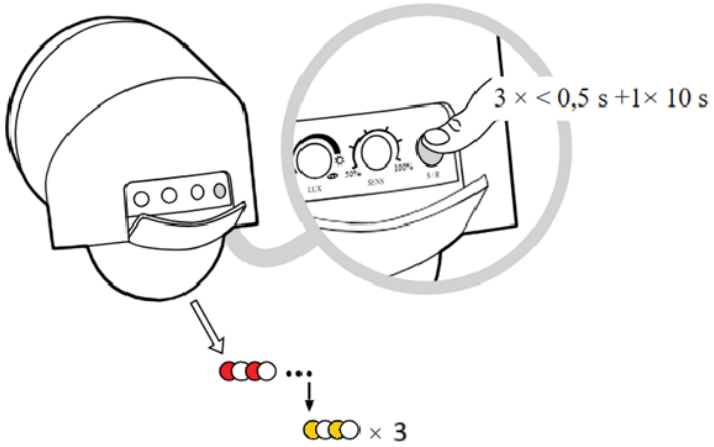
NOTE: You can not enable/disable the device off-line and overheating notifications. The app displays the appropriate notification when the motion sensor overheats or goes offline.

Resetting the device

You can reset the sensor to factory default manually.
To reset the sensor:

Short press the S/R (Setup/Reset) button 3 times (< 0.5 s) and then long press the S/R (Setup/Reset) button once (>10 s). After 10 s, LED starts blinking red. Release the button at this point.

Upon successfully resetting the sensor, the amber LED turns ON for 3 s and then turns OFF.



LED indications

Pairing the motion sensor with the Wiser Hub

User Action	Status	LED Indication
Press the S/R button of the motion sensor 3 times in quick succession.	When pairing is completed, LED blinks yellow.	LED blinks yellow. 

Motion Detected

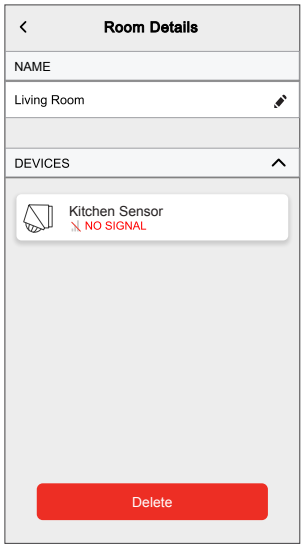
User Action	Status	LED Indication
When the motion is detected	The LED flashes red.	

Resetting the Device

User Action	Status	LED Indication
Press the S/R (Setup/Reset) button 3 times within 0.5 seconds and then hold for 10 seconds	The red LED blinks for 10 seconds, flashes amber for 3 seconds, and then turns off.	 → **(10 sec)** → → **(3 sec)** →

Troubleshooting

Symptom	Possible cause	Solution
The unit does not function at all or the lighting does not turn on.	• No mains power supplied • Incorrect wiring • The ambient light level is too high • Malfunctioned load	• Check or switch on the power. • Check the wiring, refer to wiring diagrams. • Reset the LUX value to be higher than the ambient light level. • Replace with new load.
Lighting does not turn off	• TIME set too long • False trigger • Incorrect wiring	• Adjust TIME value shorter. • Ensure sensor is away from heat source such as air-conditioner, electric fan, heater or highly reflective surface. • Ensure there are no swaying objects within the detection range. • Check that the load is not wired directly to the power supply.
Lighting turns on and off Quickly	• TIME set too short • False trigger • Wrong modes (Short pulse mode or Test mode)	• Ensure sensor is away from heat source such as air-conditioner, electric fan, heater or highly reflective surface. • Ensure there are no swaying objects within the detection range. • Ensure sensor is not set to Short Pulse mode or Test mode.
Unexpected or False Trigger	• Some object cause unexpected trigger. • Other wireless signals affect the device.	• Ensure sensor is away from heat source such as air-conditioner, electric fan, heater or highly reflective surface. • Ensure there are no swaying objects within the detection range. • Ensure the device is away from wireless signal sources like Hub, Wi-Fi® device, base-station.
The motion is detected but fails to trigger the load to turn ON.	• The micro module is not paired to the motion sensor. • The micro module is far away from the device or there is a thick wall in between the device and the micro module.	• Make sure the Micro module and the motion sensor are paired correctly. Refer to Pairing Micro Module with Motion Sensor, page 14. • Make sure that there is no more than a 20 meter distance between the micro module and motion sensor after passing through a single 25 cm concrete wall.

Symptom	Possible cause	Solution
In the app **No Signal** appears for the motion sensor. 	• Device is powered off. • Wiser hub is too far from the motion sensor.	• Make sure that the motion sensor is powered on. • Move the Wiser hub closer to the motion sensor. • Restart the motion sensor.
•  displayed in the Wiser Home app. • **[ERRORCODE]: Your <Device Name> is currently overheated. The <load type> is currently turned off. This will become active when the motion sensor moderates it's temperature.** – Displayed in the Wiser Home app.	The motion sensor is overheated.	The motion sensor will restart after some time when it cools.

Technical data

Detection Range	28 m diameter at 2.5 m height
Mounting Type	Wall and ceiling mount
Nominal voltage	AC 220-240 V ~, 50 / 60 Hz
Switching current	Max. 10 A
Load rating	
LED	300 W
R	2400 W
C	140 µF
Power consumption	
Relay switched on	≤1400 mW
Relay switched off	≤750 mW
Connecting terminals	
IP rating	IP66
Operating frequency	2.405 to 2.480 GHz
Max. radio-frequency power transmitted	6.25 mW
Warm up time	≤40 s
Operating temperature	-20 °C to +55 °C

Temperature based load degradation			
Temperature	**Max. switching current**	**Max. LED load**	**Max. number of LED lamps**
-20 °C to 45 °C	10 A	300 W	15
45 °C to 50 °C	8 A	300 W	15
50 °C to 55 °C	6 A	300 W	15

Relative humidity	0 % to 95 %, non condensing
Lux setting	1 lx to 2000 lx, Day mode Night mode
Sensitivity setting	1 – 6 (50 % - 100 %)
Dimensions	Ø 82 mm x 107 mm Ø 82 mm x 131 mm with corner bracket
Compliance	
Communication protocol	Zigbee® 3.0 (certified)

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As standards, specifications, and design change from time to time, please ask for confirmation of the information given in this publication.

DUG_ELKO - Motion Sensor Outdoor, 360_WH-00