

# Connected Curtain Controller 2M

## Device user guide

Information about features and functionality of the device.  
02/2026



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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.

# Cybersecurity Principles

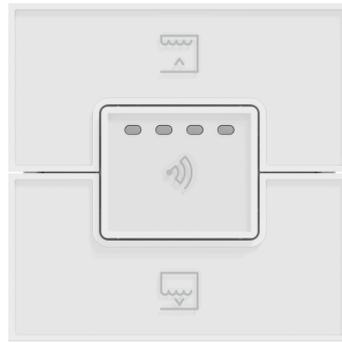
Following these cybersecurity principles may help to reduce the risk of cyber threats to the network where your system is installed.

- **Strong and Unique Passwords:** Use strong, unique passwords for your mobile app account and each connected device. Avoid using common or easily guessable passwords. Consider using a password manager to securely store your passwords.
- **Regularly Update Software:** Keep your mobile app, smartphone operating system, and smart home device firmware up to date. Updates often include security patches that address vulnerabilities and protect against potential threats.
- **Secure Network:** Ensure that your home Wi-Fi® network is secured with a strong password and encryption (WPA2 or higher). Avoid using public Wi-Fi® networks when interacting with your smart home app as they may be insecure and expose your data.
- **Two-Factor Authentication (2FA):** Enable 2FA if your smart home app supports it. This adds an extra layer of security by requiring a second verification step, such as a unique code sent to your mobile device, when logging in.
- **Only Download Official Apps:** Use official app stores (such as Google Play Store or Apple App Store) to download the mobile app for your smart home solution. Avoid downloading apps from unofficial sources, as they may contain malicious software.
- **Be Cautious with Permissions:** Review the permissions requested by the app during installation. Grant only the necessary permissions required for the app to function properly. Be cautious about granting unnecessary access to your device's location, camera, or microphone.
- **Regularly Review Connected Devices:** Periodically review the list of connected devices in your smart home app. Remove any devices that are no longer in use or unfamiliar to you, as they may pose a security risk.
- **Regularly Monitor Activity:** Keep an eye on the activity logs or notifications provided by the smart home app. Look for any suspicious or unauthorized access attempts, and report them to the app provider immediately.
- **Secure Physical Access:** Ensure that your smartphone and other devices used to control your smart home are protected with a lock screen or biometric authentication. This helps prevent unauthorized access in case of loss or theft.
- **Educate Yourself:** Stay informed about the latest cybersecurity best practices and potential threats related to smart home devices. Regularly update your knowledge to make informed decisions and protect your smart home ecosystem.

## Decommissioning a device

If you remove a device from your system to gift, resell, or otherwise dispose of, first remove any personally identifiable information from the device by performing a factory reset. This is especially important when decommissioning a system gateway. Refer to the particular device instructions for information on how to perform a factory reset.

# Connected Curtain Controller 2M



CDWCRTC2M

## 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.**

## About the device

The Connected Curtain Controller (hereinafter referred to as **module**) is used to open and close blinds via switches. The module can be operated manually or through the Wiser app.

Devices controlled using curtain controller:

- Curtains
- Blinds

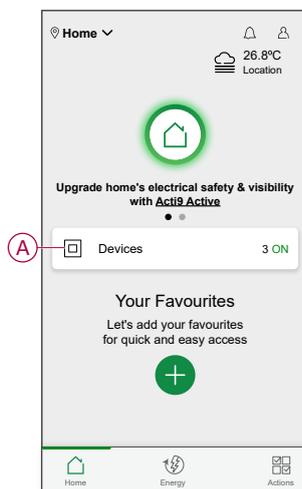
## Installing the device

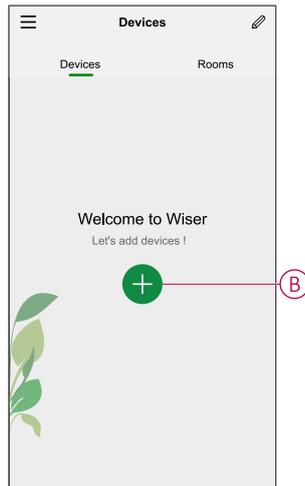
Refer to the installation instruction supplied with this product.  
See Wiser Connected Curtain Controller.

## Pairing the device with the Wiser Hub

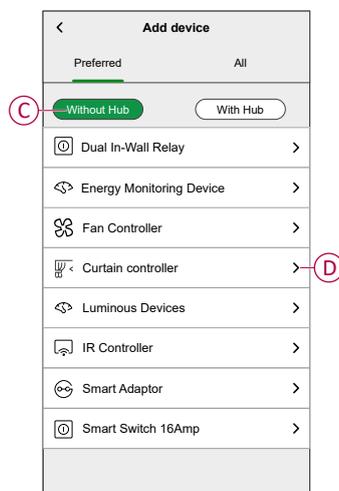
Using the Wiser app, you can pair your connected curtain controller puck with the Wiser Hub to access and control the shutter.

1. Open the Wiser app.
2. On the **Home** screen, tap  **Devices**.  
The **Device Management** screen appears.
3. On the **Home** page, tap **Devices (A)**.



4. Tap **+** (B) to add a device.

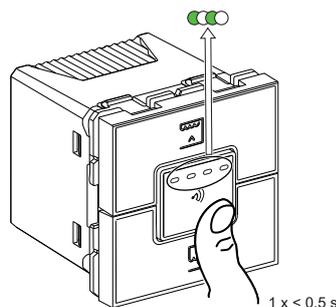
The **Add Device** page appears.

5. Select **Preferred** > **Curtain Controller**. Enter the following **Device Information** and then tap **Next**:

- **Enter Device Name:** Enter the device name.
- **Assign Existing Room:** Select an existing room.  
**TIP:** If your room is not in the existing room list, create a new one.
- **Add New Room:** Create a new room.

6. Tap **Next** to pair the device with the Wiser Hub.

- Press the pairing button 4 times in 10s.  
The LED indicator rapidly blinks green.

7. After a few minutes, you will see the Wiser message. Tap **Ok**.

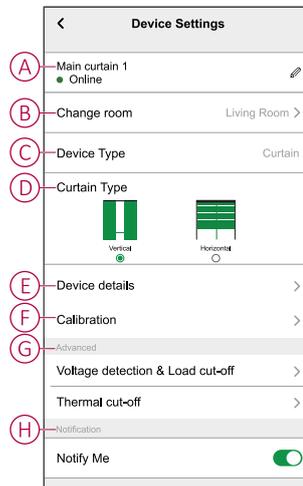
You can see the newly added device on the **Device Management** screen under **Devices**.



## Configuring the device

Using the Wiser app, you can configure the device according to your preference.

1. On the **Home** screen, tap  **Devices** > **Devices**.
2. Select the device from the list.
3. On the Device Control Screen, tap .  
The **Device Settings** screen appears.



<b>A</b>	<b>Device Name</b>	Displays the device name, tap  to change the device name. For more information, refer to the <a href="#">Renaming the device</a> topic.
<b>B</b>	<b>Change Room</b>	Displays the assigned room of the device, tap <b>Change Room</b> to assign any room (such as living room, bedroom, kitchen, etc.). For more information, refer to the <a href="#">Changing the device location</a> topic.
<b>C</b>	<b>Device Type</b>	Displays the device type.
<b>D</b>	<b>Curtain Type</b>	Allows you to view and modify the orientation of your curtain. You can select either <b>Horizontal</b> or <b>Vertical</b> to ensure that the curtain operates in the desired direction.
<b>E</b>	<b>Device details</b>	Allows you to set group switches, open/close duration, and configuration. When you tap <b>Advanced Settings</b> , you can see the following options: <ul style="list-style-type: none"> <li>• <b>Group Switches:</b> Manage multiple switches as a single group.</li> <li>• <b>Associate with other powered Z-Wave devices:</b> Link your device with other Z-Wave devices for synchronized operation.</li> <li>• <b>Set Open / Close Duration:</b> Configure the duration for opening and closing actions for your device.</li> <li>• <b>Group Association:</b> Create associations between devices for coordinated actions.</li> <li>• <b>View Configuration:</b> Check the current settings and configurations of your device.</li> <li>• <b>Set Configuration:</b> Adjust and customize the settings of your device.</li> </ul>
<b>F</b>	<b>Calibration</b>	Displays the product details such as manufacturer name, ID, product name, ID, and type. Also you can view the firmware version and update it if a new version is available by tapping <b>Product Details</b> > <b>Firmware Version &amp; OTA</b> .
<b>G</b>	<b>Advanced</b>	Displays the advanced options: <b>voltage detection &amp; load cut-off</b> and <b>Thermal cut-off</b> .
<b>H</b>	<b>Notification</b>	Enable the <b>Notify Me</b> toggle button to receive device notifications.

## Renaming the device

You can rename the device name using the Wiser app.

To rename the device:

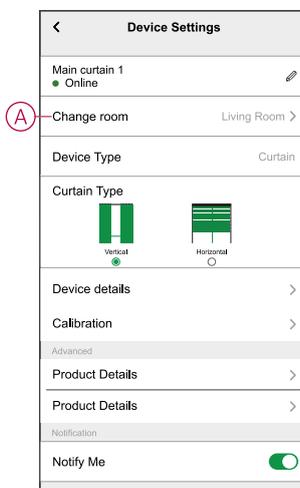
1. On the **Home** screen, tap  **Devices > Devices**.
2. Select the device for which you want to change the name.
3. On the top-right screen, tap .  
The **Device Settings** screen appears.
4. Tap  and enter a new name in the name field.  
The changes will be saved automatically.

## Changing the device location

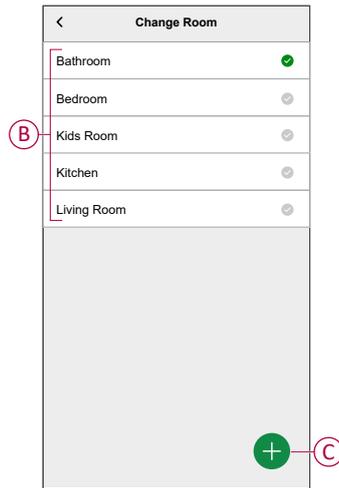
You can change the device location using the Wiser app.

To change the device location:

1. On the **Home** screen, tap  **Devices > Devices**.
2. Select the device for which you wish to change the location.
3. On the top-right screen, tap .  
The **Device Settings** screen appears.
4. Tap **Change Room (A)**.



- Select the desired room from the list (B).



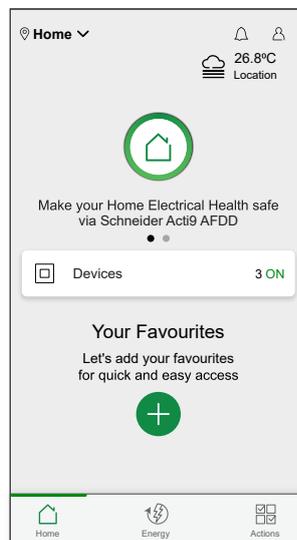
**TIP:** If your room name is not present in the list, you can create a new room by tapping the + (C) button.

## Adding devices to favourites

You can add your devices and automations to favourites for quick and easy control from the Home screen.

To add favourites:

- On the **Home** screen, tap .



The **Edit Favourites** screen appears.

- Tap the  icon to add all your favourite devices and automations.
- Once selected, tap **Save**.

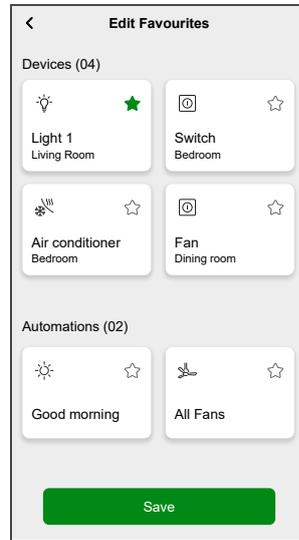
Now you can view all your favourite devices/automations on the Home screen.

## Removing devices from favourites

You can add or remove devices and automations from the favourites list.

To remove favourites:

1. On the **Home** screen, tap  .  
The **Edit Favourites** screen appears.
2. Tap the  icon to add or remove devices and automations from the favourites list.



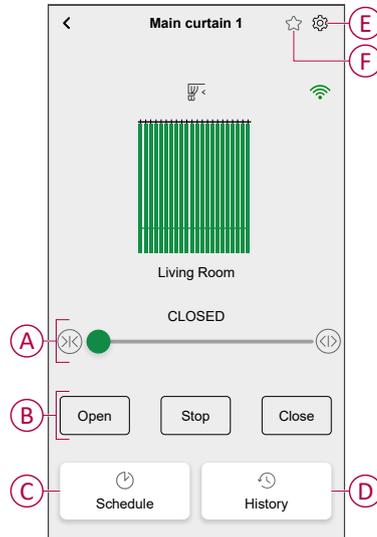
3. Once complete, tap **Save**.

## Using the device

The Device Control Screen allows you to Open/Close the shutter.

1. On the **Home** screen, tap  **Devices** > **Devices**.
2. Select the device which you want to access the Device Control Screen.

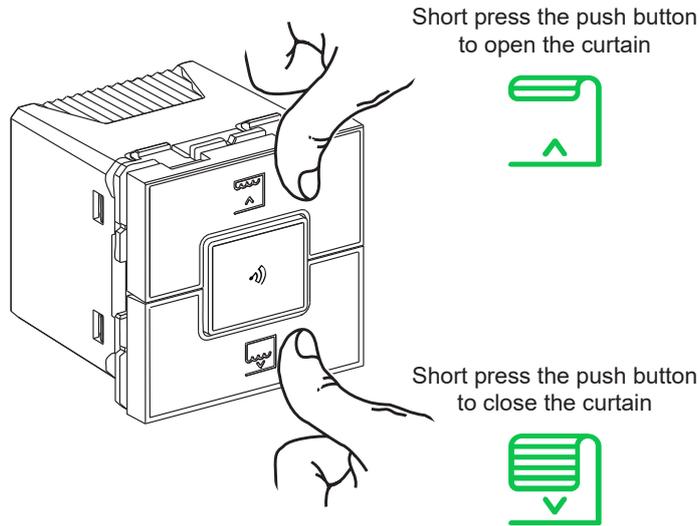
The Device Control Screen displays the following options:



<b>A</b>	<b>Shutter Percentage</b>	Allows you to set the percentage of how much the shutter opens.
<b>B</b>	<b>Shutter Controls</b>	Allow you to open, stop, or close the shutter. <ul style="list-style-type: none"> <li>• <b>Open</b>: To open the shutter.</li> <li>• <b>Stop</b>: To stop the shutter at any position.</li> <li>• <b>Close</b>: To close the shutter.</li> </ul>
<b>C</b>	<b>Schedule</b>	Allows you to create quick actions and trigger automations.
<b>D</b>	<b>History</b>	Allows you to see the history of the device. Tap  to update the history of the device when you open the History screen.
<b>E</b>	<b>Settings</b>	Allows you to control various settings. For more information, refer to the <a href="#">Configuring the device</a> topic.
<b>F</b>	<b>Favourites</b>	Allows you to add the device to the favourites on the Home screen.

## Manual operation

Short press the push button to Open / Close the curtain manually.

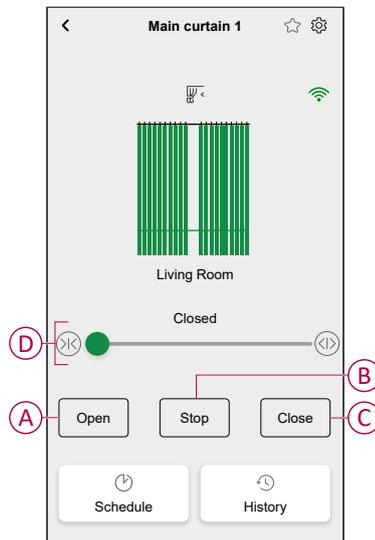


## Opening/Closing the curtain using app

Using the Wiser app, you can open/close the curtain.

To open/close:

1. On the **Home** screen, tap  **Devices > Devices**.
2. Tap the shutter controller device.  
The Device Control Screen appears.
3. Tap the following options to control the curtain:



- **Open (A):** Tap to open the shutter.
- **Stop (B):** Tap to stop the curtain at any position when it is opening/closing.
- **Close (C):** Tap to close the shutter.
- **Shutter Percentage (D):** Drag the bar to set the percentage of how much the shutter opens.

**TIP:** You can also select the shutter controller device to open/close when you add it to your Favourites. To know more about Favourites, refer to the Add Favourites topic.

## Quick (Action)

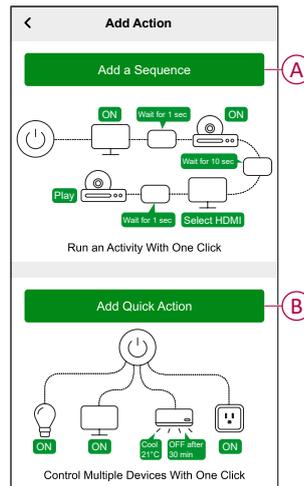
### Creating an action

An action allows you to group multiple actions that are usually done together. Using the Wiser app, you can create actions based on your needs (such as movie night).

To create an action:

1. On the **Automations** screen, tap **Quick**.
2. On the bottom-right screen, tap **+** to create an action.

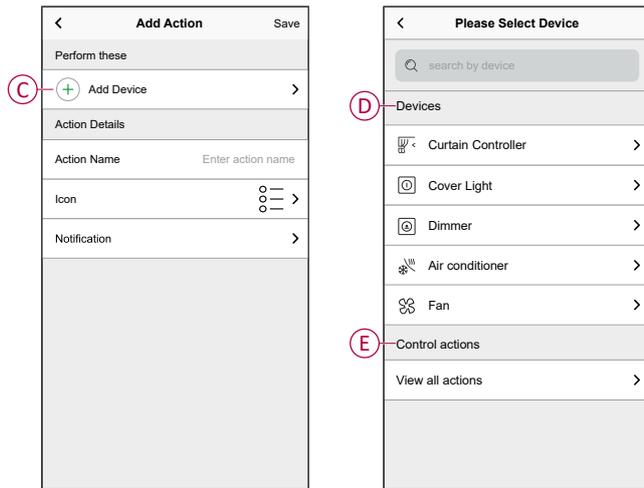
The **Add Action** screen appears.



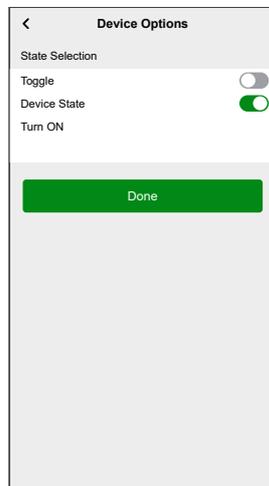
3. Select one of the following options as per your preference:
  - **Add a Sequence (A)**: Switch ON multiple devices in a sequence.
  - **Add Quick Action (B)**: Switch ON multiple devices at a time.

**TIP:** Follow the below steps to create an action for both **Add a Sequence (A)** and **Add Quick Action (B)**. The only difference is that you need to enter the time gap for **Add a Sequence**.

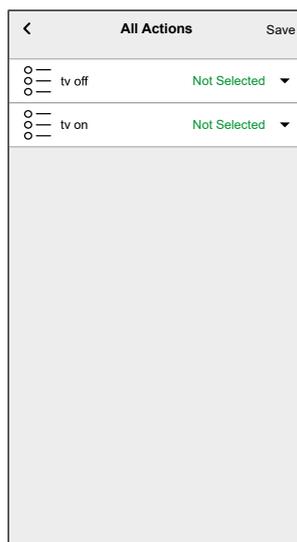
4. Tap **Add Device** (C) and select either a device or an action:



- **Devices (D):** Select a device from the list and set the device status (e.g., ON/OFF, delay). Then, tap **Done**.



- **Control actions (E):** Tap **View all actions**, select an action from the list, and set the action status. Then, tap **Save**.



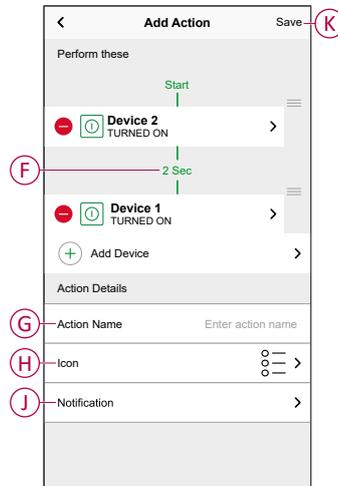
**TIP:** Tap  and enter your device name to find it.

5. Repeat steps 4 to add more than one device or an action.

**TIP:** You can change the waiting time by tapping the time (F) (Only for **Add a Sequence**).

**NOTE:** By default, the time gap is 2 seconds, and the maximum time gap you can select is 120 seconds.

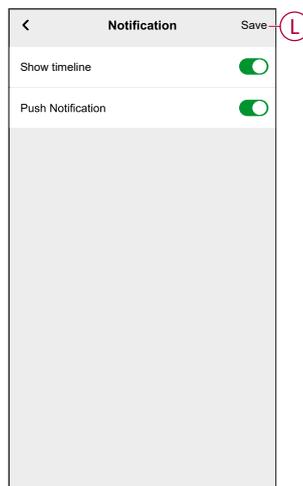
6. Enter the **Action Name** (G).



7. Tap **Icon** (H) and select the icon from the list.

8. Tap **Notification** (J) and enable the toggle button for the following options and then tap **Save** (L):

- **Show timeline:** Displays the total power consumption.
- **Push notifications:** Receives the notifications.



**NOTE:** To switch the toggle buttons, make sure to first activate the **Notify me** toggle button on the Settings page.

9. Once all conditions are set, on the top-right screen, tap **Save** (K).

You can see the newly created action on the **Quick** tab. Tap  on the action to enable it.

## Editing an action

To edit an action:

1. On the **Automation** screen, tap **Quick**.
2. On the top-right screen, tap  .  
The **Edit Actions List** screen appears.

3. On the **Edit Actions List** screen, tap the action you want to edit.  
**TIP:** If you want the same action, tap the hand symbol, it will copy the same action and add it to the **Edit Actions List**.
4. You can perform the following changes:
  - Change the icon.
  - Rename the action.
  - Add a device or an action.
  - Remove a device or an action.
  - Change the time delay (Only for **Add a Sequence**).
5. Once all the edits are done, tap **Update**.

## Deleting an action

To delete an action:

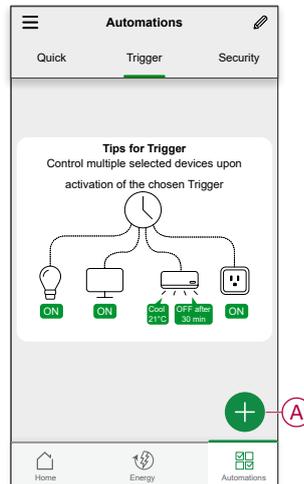
1. On the **Automation** page, tap **Quick**.
2. On the top-right screen, tap .  
The **Edit Actions List** screen appears.
3. On the **Edit Actions List** screen, tap the remove button that is next to the action, and then tap **Delete** to remove it.

## Automation (Trigger)

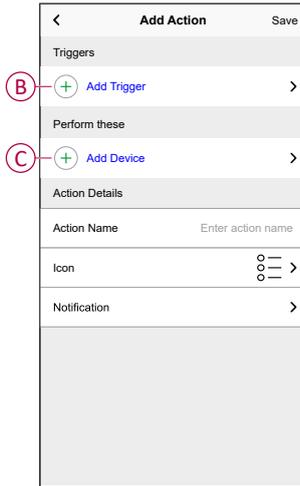
### Creating an automation for trigger

Automation allows you to group multiple actions that are usually done together, triggered automatically or at scheduled times. By using the Wiser app, you can create automation based on your needs.

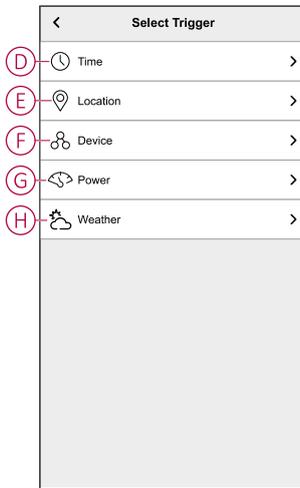
1. On the **Automation** screen, tap **Trigger**.
2. Tap **+** (A) to create an automation.



3. Tap **Add Trigger (B)**.



The **Select Trigger** screen appears.

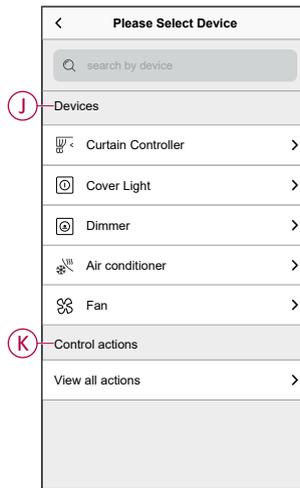


4. Select a trigger option from the following list on the **Select Trigger** screen:
  - **Time** (D)
  - **Location** (E)
  - **Device** (F)
  - **Power** (G)
  - **Weather** (H)
- a. Tap **Time** (D), select any one of the following options and then tap **Save.:**
  - **Any time:** Set for any time.
  - **At Specific time:** Set for a specific time.
  - **At in between time:** Set for in between time.
  - **Perform only once:** Set for only once.
- b. Tap **Location** (E), select any one of the following options:
  - **Arriving location:** Select arriving location.
  - **Departing location:** Select a departing location.

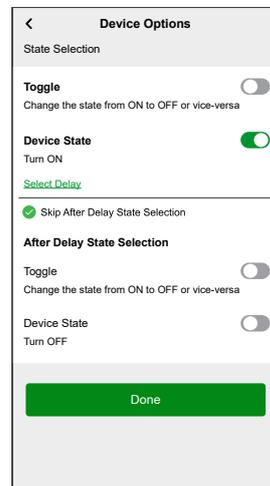
**NOTE:** Mobile location should turn on.
- c. Tap **Device** (F) and select a device from the list.
- d. Tap **Power** (G) and select an option from the following list:
  - **EMD B**
  - **EMD R**
  - **EMD Y**
  - **Raycon**

**NOTE:** This option is only available when the EMD or Meter device is installed in your Home or location.
- e. Tap **Weather** (H) and select an option from the following list:
  - **Outside Temperatures:** Select the temperature to trigger an action.
  - **Outside Humidity:** Select the humidity level.
  - **When Sunrises:** Select when sunrises.
  - **When Sunsets:** Select when sunsets.

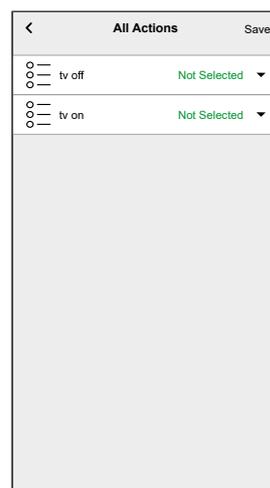
5. Tap **Add Device** (C) and select either a device or an action:



- **Devices (J):** Select a device from the list and set the device status (e.g., ON/OFF, delay). Then, tap **Done**.



- **Control actions (K):** Tap View all actions, select an action from the list, and set the action status. Then, tap **Save**.



**TIP:** Tap  and enter your device name to find it.

6. Repeat steps 5 to add more than one device or an action.
7. Enter the **Action Name**.
8. Tap **Icon** and select the icon from the list.

9. Tap **Notification** and enable the toggle button for the following options:
  - **Show timeline:** Displays the total power consumption.
  - **Push notifications:** Receives the notifications.
10. Once all the actions are set, tap **Save**.

You can see the newly created automation on the **Trigger** tab. Tap the toggle button to enable or disable the automation.

## Editing a trigger

To edit a trigger:

1. On the **Automation** screen, tap **Trigger**.
2. On the top-right screen, tap .  
The **Edit Actions List** screen appears.
3. On the **Edit Actions List** screen, tap the trigger you want to edit.

**TIP:** If you want the same trigger, tap the hand symbol, it will copy the same trigger and add it to the **Edit Actions List**.
4. You can perform the following changes:
  - Change the icon.
  - Rename the trigger.
  - Add a device or an action.
  - Add a trigger.
  - Remove a device or an action.
  - Remove a trigger
5. Once all edits are done, tap **Update**.

## Deleting a trigger

To delete a trigger:

1. On the **Automation** screen, tap **Trigger**.
2. On the top-right screen, tap  to remove a trigger.  
The **Edit Actions List** screen appears.
3. On the **Edit Actions List** page, tap the remove button that is next to the trigger, and then tap **Delete** to remove it.

## Removing the device

Using the Wiser app, you can remove a device from the device list.

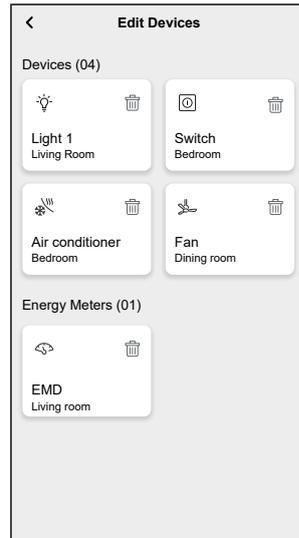
To remove a device:

1. On the **Home** screen, tap  **Devices** > **Devices**.

2. On the top-right pane, tap .

The **Edit Devices** screen appears.

3. Tap  on the device that you want to remove from the Wiser system.



The **Delete** message pop-up appears.

4. Tap **Confirm**.

Wait for a few seconds, and the successful message appears on the screen.

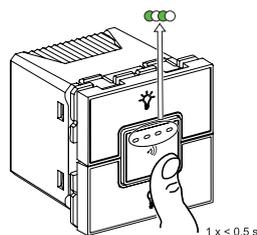
**NOTE:** By removing the device, you will reset the device. If you still have a problem with the reset, then refer to .

## Resetting the device

You can reset the device to factory default manually.

For resetting the micro module:

1. Press and hold the **Pairing** button for <5 s.
2. After 10 s, the LED starts blinking red, and then release the programming button.



**NOTE:** All configuration data, user data, and network data are deleted. After which

- No connectivity to other devices or rooms.
- No moment or schedule settings.

## LED indication

### Pairing

User Action	LED Indication	Status
Press the push-button 4 times in 10 s.	All 4 LED's blinking green rapidly. 	Pairing mode is active for 3 minutes. When pairing is completed, the LED will display a solid green. 
Press the push-button 8 times or 4 ON cycles in 10 s to change the Wi-Fi access point mode.	All 4 LED's blinking green rapidly. 	The device is ready to connect with the new Wi-Fi access point.

### Resetting

User Action	LED Indication	Status
Press the push-button 14 times or 7 ON cycles in 10 s.	All 4 LED's blinks green.	The device is in reset mode. It is reset to the factory settings.

### LED Indicator Mode

LED Indicator Mode	LED Indication
Always Off	No LED
Always On	Depending on the speed level, one of the 4 LED's become solid green that indicates the speed. 
Device disconnected from the router after pairing	No LED
OTA update	No LED
Reset state / Not paired / Not added	No LED

## Technical data

<b>Nominal Voltage</b>	230 VAC $\pm$ 10%, 50Hz
<b>Devices Controlled</b>	Curtains / Blinds
<b>Supported Curtain Types</b>	Roller curtains, Venetian blinds, motorized drapes, blackout curtains, skylights, motorized gates
<b>Maximum Load</b>	150 W Inductive load at 230 V
<b>Intelligent load protection</b>	6.6 A (Subject to power factor)
<b>Overvoltage Protection</b>	> 300 V AC
<b>Undervoltage Protection</b>	< 90 V AC
<b>Over temperature protection</b>	Upto 110 °C
<b>Sustained Surge Protection</b>	Yes
<b>Energy monitoring</b>	Yes
<b>Operating temperature</b>	-5 °C to +45 °C

<b>Relative humidity</b>	10 % to 95 %
<b>Wire specification</b> (N- Neutral, L - Line/Phase, L1 - Open, L2 - Close)	1.0 mm <sup>2</sup>
<b>Wi-Fi range</b>	Indoor range up to 30 m, suitable for typical residential spaces
<b>Compliance</b>	
<b>Product certification</b>	WPC
<b>Radio/RF</b>	ETSI EN 300 328
<b>Connectivity</b>	Wi-Fi® : 2.4 GHz only, IEEE 802.11 b/g/n

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# Compliance

## Trademarks

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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.

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DUG\_Wiser Connected Curtain Controller 2M-00