



# **ednet Smart Home**

**Quick Installation Guide**  
**84299**

# Safety Precautions

EN

- Only use the ednet smart home devices within the specified temperature range for:

Indoor Camera: 0 ~ 40°C

Outdoor Camera: -20 ~ 60°C

Sensors: 0 ~ 40°C

Actors: 0 ~ 40°C

- When not in use, store the product in a clean and dry place in temperatures between 0°C and 40°C
- Do not cover the camera and all other ednet.smart home products
- Do not let the indoor devices including camera and sensors come into contact with liquids (except outdoor cameras with IP66 protective cover)
- ednet Smart Home does not replace adult supervision. Safeguard the health of your children, family members or pets by regularly looking after them
- Ensure that the indoor IP cameras and indoor sensors and indoor siren are only used inside. These devices are not intended for outdoor use and can be damaged. In this case use the specified outdoor models.
- Install the ednet smart home cameras in close proximity to an easily accessible wall outlet. Ensure that the power cord is not under tension or stretched
- Position the ednet smart home Gateway within the range of your Wi-Fi router and ensure that there are no obstacles between camera and router, which could interfere with the Wi-Fi signal

- Protect the ednet IP cameras, sensors and actors from electrical and other HF devices generating interferences (microwaves, mobile phones, etc.)
- Keep camera, network cable and power cord outside the reach of children, since these components can be dangerous
- Only use the supplied power adapter.
- Never try to repair ednet smart home system by yourself. Repair and maintenance work must be carried out by specialists.
- In case of problems contact our customer service.
- Observe all applicable laws regarding camera monitoring. The ednet IP cameras are intended for private use at home. Inform your family members, relatives and domestic helpers in your household with regard to video monitoring. Ensure that public areas and your neighbors' properties cannot be seen.

## Personal Information

- Read and accept the privacy policy for using the ednet smart home systems under <http://ednet-europe.eu/en/ednet-smart-home/datenschutzerklaerung-fuer-das-kameraportal-und-apps/>
- Select a password with a high degree of safety for your ednet smart home account to protect it from unauthorized access.
- The password should contain at least 8 characters; we recommend case-sensitive letters and alphanumeric characters.
- Furthermore, the standard password of the camera should be changed to avoid unauthorized access here as well.

**Live stream, push notification and further services are available via a cloud server. Despite backup solutions, system stability and bandwidth management the uninterrupted availability of the system cannot be guaranteed.**

## What's in the box

- 1 x IP camera Gateway
- 1 x Power supply for camera
- 2 x Contact sensors
- 2 x Batteries for the contact sensors
- 1 x Motion Sensor
- 2 x AAA batteries for the Motion sensor
- 1 x Quick Installation Guide



IP Camera Gateway



Motion Sensor



Door/Window Sensor

*Thank you for choosing ednet Smart Home, which can be up-and-running quick and easy without complicated network settings.*

# Camera Connections

## 1. Reset:

Press and hold the Reset button for 15 seconds after camera is booted up to reset the camera to default settings.

## 2. Power:

Connect the supplied power cord to supply the camera with power.

## 3. MicroSD:

Insert a microSD card for local storage.

## 4. Microphone

## 5. Speaker



## 1. Setting up the ednet.home User Account

In order to use your ednet smart home, you need to register an user account. The setup and control can be done from your Smartphone/tablet.

### 1.1 Create a user account with your Smartphone/tablet

If you have an Apple® iOS device, then you will find our “ednet.home” App on the Apple App Store®. For Smartphones and tablets running on Google Android OS you can find our “ednet.home”-App in the Google™ Play Store.

In the search field of the respective App Stores® enter “ednet” or “ednet.home”.

Apple App Store®



Google™ Play



In the Search results the “ednet.home”-App will be marked with this symbol.

Then please download and install the App on your mobile device.

Start the App and you will enter the login page. For first time user, please create your account by “Signup”

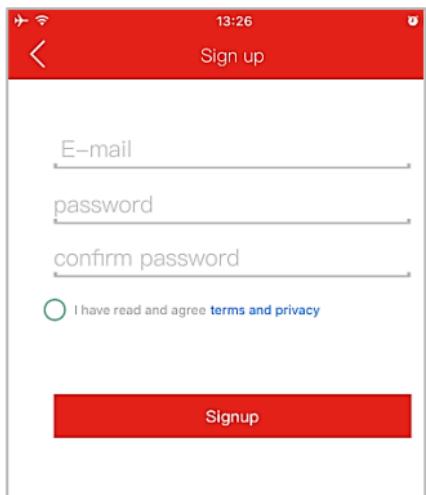
**Create new account with  
ednet.home**

Click on “Signup”.



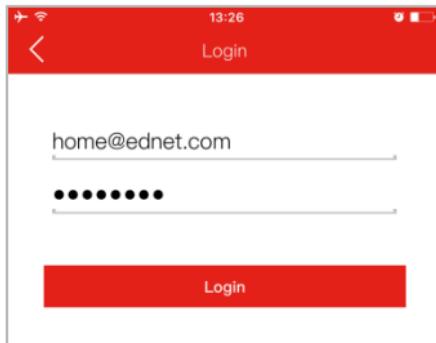
Login

Sign up



1. Please enter your email, which would be your login account.
2. Please create and confirm a password that you can remember. (Alphabet and numerical characters are supported).
3. Accept the privacy policy for using the ednet.home.
4. Press "Signup" to finish the account registration.

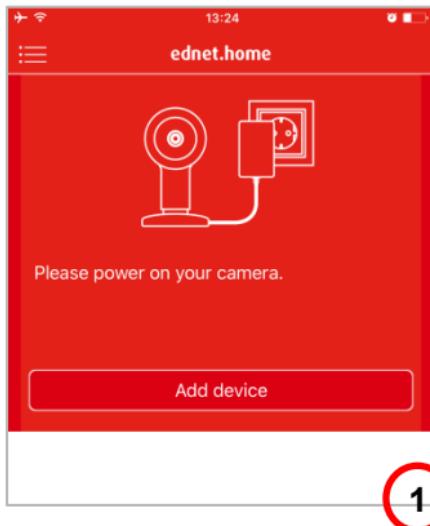
Next you will also receive an e-mail notification for successfully account registration with your account information. Please keep the account information safely with you.



Please input your login account with e-mail and password to enter the App.

## 2. Connect IP Camera Gateway to your Wi-Fi

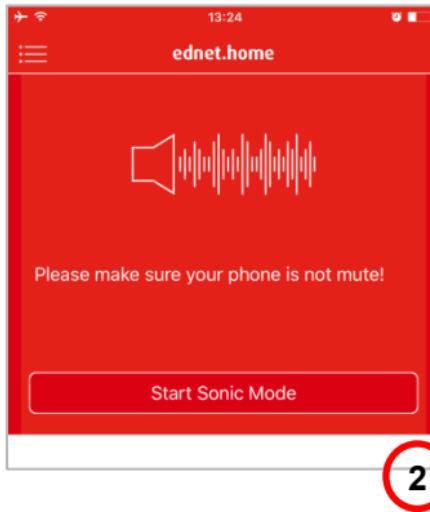
### With Smartphone/tablet



Please power ON the IP camera Gateway with the power adapter. The audio assistant from the camera would inform you when the camera is booted up and enters "Sonic Mode".

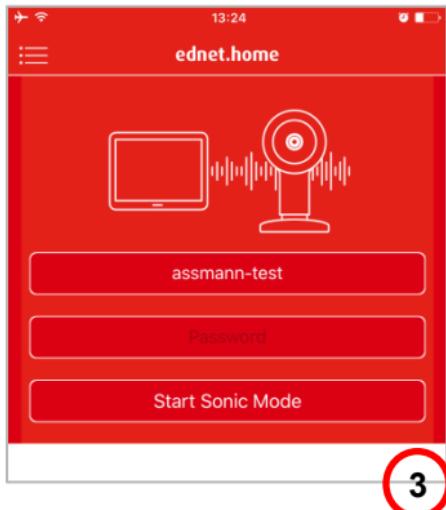
Please follow the instructions in the App to connect your IP camera gateway to your WiFi.

Please select "Add device" to start. (1)



Please make sure your smart phone is not in mute mode and if possible please increase the speaker volume up on your smart phone to prepare for Sonic mode.

Please press "Start Sonic Mode" on the App. (2)



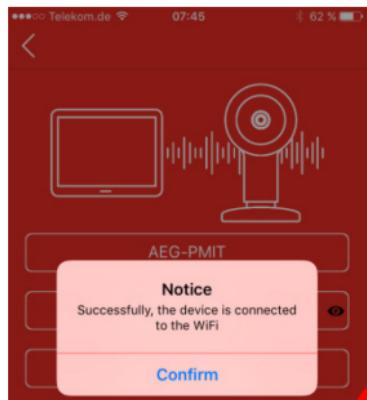
Please input the password of your Wireless router or Access-Point at home.

Your smart phone would be broadcasting audio signal of your router/AP connection information towards the camera to setup Wi-Fi. So please bring your smart phone/tablet closer (within 20cm) towards your IP camera gateway.

3

Please then press “Start Sonic Mode” on the App.  
**(3)**

Then please wait for the camera to connect to Internet. The audio assistant from the camera would tell you when the Internet is connected.

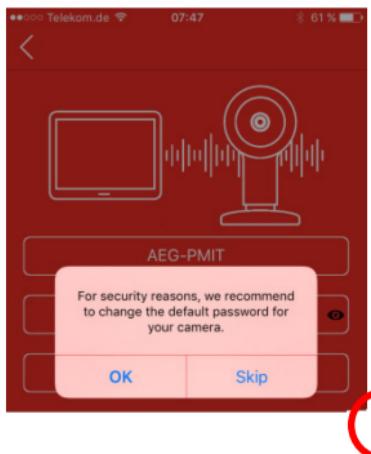


The camera registers successful connection to your network. **(4)**

4

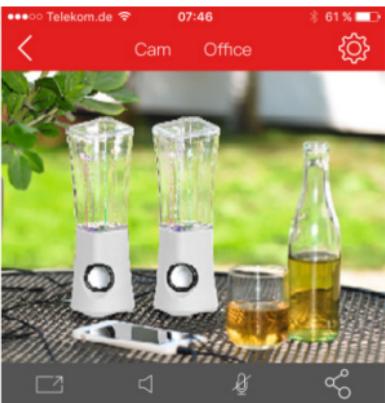
**ATTENTION: Hidden SSID's, meaning hidden Wi-Fi networks, are not supported by the camera. Please make your network visible, if you want to install your camera into one of these.**

**Alphabet and numerical numbers are the supported characters for SSID and password.**



**For reasons of safety we advise to change the default camera password “admin” immediately after registration. (5)**

**Please enter the default password “admin” and create a new password.**



After camera password change, you will enter the camera live-view page.

Under this page, you can also check the event playback by clicking "Recording".

In addition, to install the sensors including motion sensors and contact sensors, please press the "Sensor/Actor" icon to start adding sensors into your ednet smart home system. **(6)**

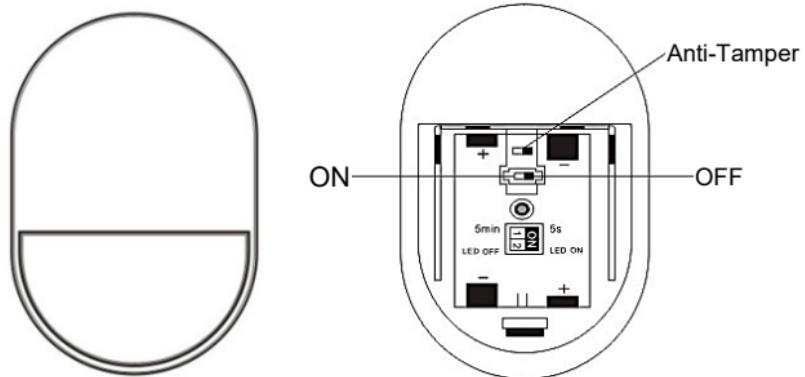


6

## Sensor Connections

### Motion Sensor

Please insert the 2x AAA batteries from the package and follow the +/- sign to install the battery.



### LED indicator:

- LED flashes once: detects motion
- LED flashes once every 3s: Low-voltage indication.  
Please change to the new battery as soon as possible.

### Anti-tamper Function:

When the sensor's back cover is opened, the anti-tamper button will be triggered. The motion sensor's light would flash once and send the alarm notification via APP.

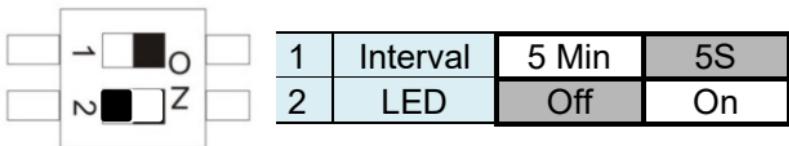
## **Mode Setting:**

There is a switch on the back of the Motion sensor.

You can slide it to left or right for different settings to control:

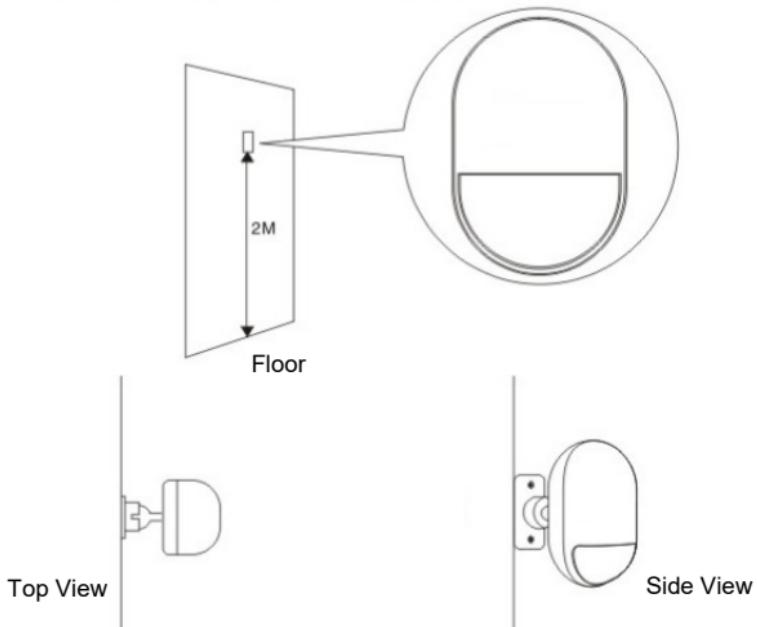
- Interval: you can set the interval time between each motion detection as 5 seconds of 5 minutes apart.
- LED: you can select the LED indication on the motion sensor to be OFF or ON.

Below example means interval of 5S and LED OFF.



## **Installation:**

Installation location should avoid too close to window, air conditioner, fluorescent lights, heater, refrigerator, stove, sunlight and other places where temperature would change rapidly and air flow speed is high. If there are two detectors in the same detecting range, please adjust the position to avoid the interfering resulting in false alarms.



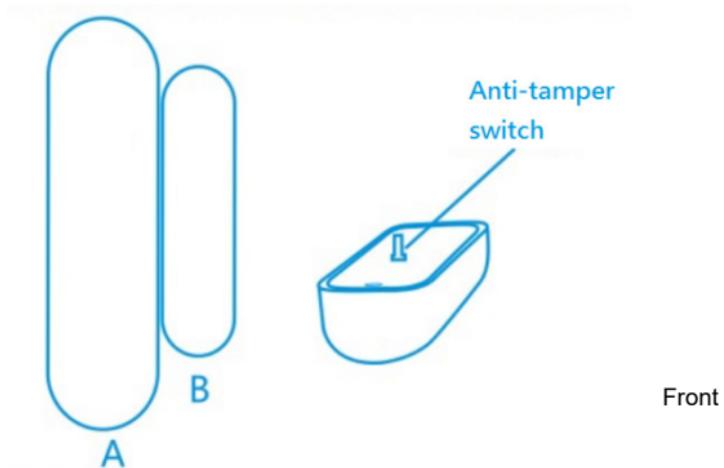
Fix the detector on the bracket, and change the detecting angel and distance through adjusting the installation height and the bracket. The installation height is suggested to be 2 meters high from ground.

## Contact Sensor for Door/Window

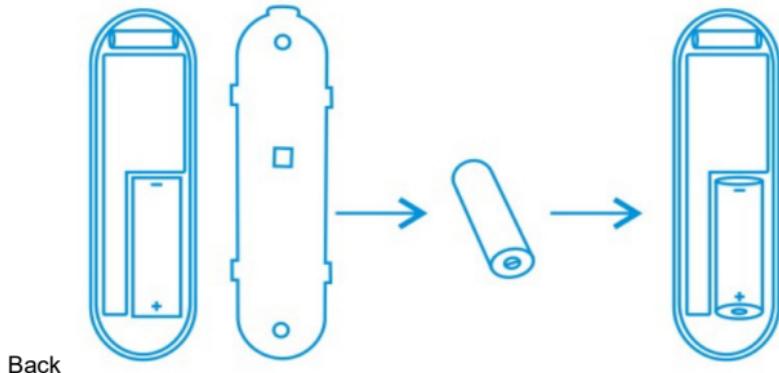
The contact sensor consisted of 2 parts.

Part A is the transmitter that communicates with the Gateway.

Part B is the magnet. So when Part A and Part B are separated when the door/window is opened, the contact sensor is triggered.



Please insert the battery following below instruction.



**LED indicator:**

- LED flashes once: detects motion
- LED flashes once every 3s: Low-voltage indication.  
Please change to a new A23 battery (12V/23A) as soon as possible.

**Anti-tamper Function:**

When the sensor's back cover is opened, the anti-tamper button will be triggered. The contact sensor's light would flash once and send the alarm notification via APP.

**Installation:**

First, please clean the corresponding position and then adhere both Part A and Part B of the Contact sensor with the double-sided tape included in the package.

You can also use screws to mount the contact sensors onto the doors/windows.

**Please note that Part A (Transmitter) and Part B (Magnet) should be installed separately, where the transmitter is mounted on the fixed doors or windows frame and the magnet part should be fixed on the movable parts of the doors or windows.**

### 3. Add Sensors to the Gateway

After pressing the “Sensor/Actor” icon on the camera live-view page, you will enter the Sensor/Actor list. (1)

Please press the “+” sign on the top right corner to add a sensor or actor.

Please select the “type” of your sensor or actor to add. (2)

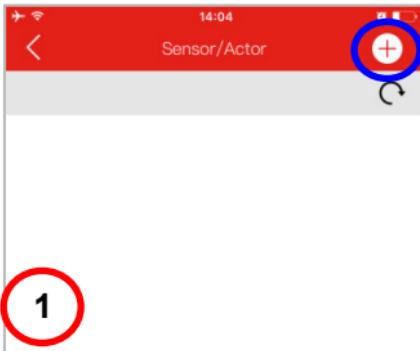
For Contact sensor, please select the “Door/Window detector” to add.

For Motion sensor, please select “Motion Sensor” to add.

Let's start with Motion sensor by selecting Motion sensor type on the App side as the example.

Please give a name to this motion sensor. (3)

Then press the “Learn Sensor/Actor” button.



**Then the IP camera gateway would enter “learning mode” for 60 seconds.**

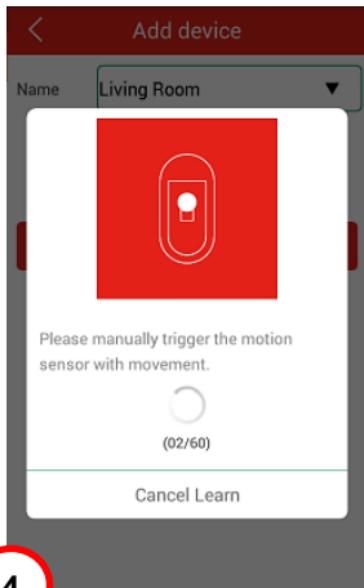
During this 60-second period, please power on your Motion sensor and trigger the motion sensor with any movement.

**(4)**

Then the IP camera gateway would detect the motion sensor to complete the “learning/paring” process.

Please press “Apply” to complete the adding sensor process.

Please repeat the same process to add the next sensor/actor such as Contact Sensor.



## 4. Add Actors to the Gateway

ednet Smart Home system provides Sensors (Transmitters) and Actors (Receivers).

Transmitter sensors are Motion sensors and Contact sensors.

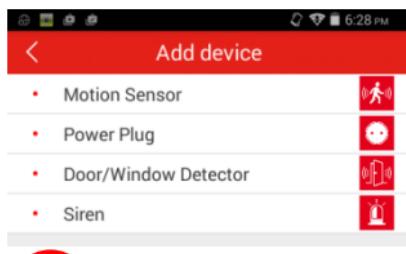
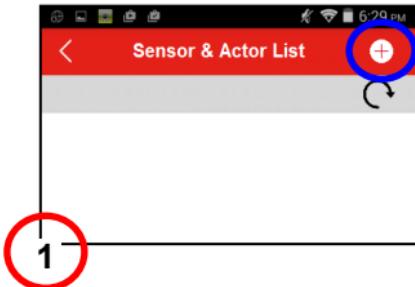
Receiver devices are Siren, Power plug and others which can be activated in relation with the event triggered by Transmitter sensors such as motion sensor.

So let's try to setup the Receiver device:

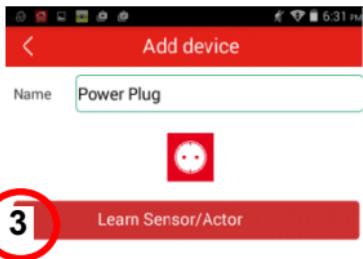
After pressing the “Sensor/Actor” icon on the camera live-view page, you will enter the sensor/actor list. (1)

Please press the “+” sign on the top right corner to add the Power Plug (84291 and 84292) as the Receiver device.

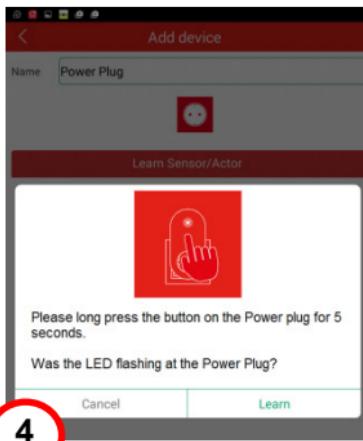
Please select the “type” as “Power Plug” to add on the App side. (2)



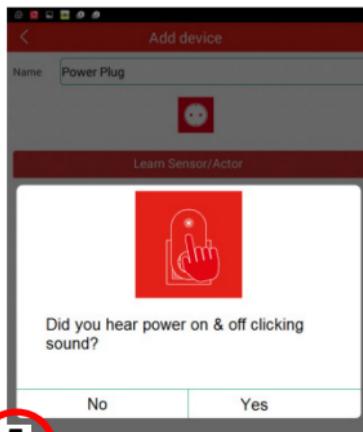
Please give a Name to the Power Plug. Then press the “Learn Sensor/Actor” button.  
**(3)**



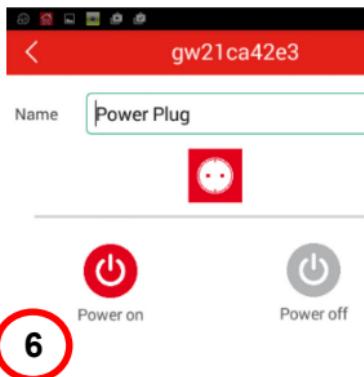
Before pressing “Learn” on the App side, please make sure your Power Plug is powered and entered “learning” mode already. Please long press the “Learn” button on the Power Plug (84291 or 84292) for 5 seconds until you see the flashing LED on the Power Plug to enter the Learning Mode. **(4)**



Please press “Yes” if you hear the power on & off clicking sound from the Power Plug to indicate that the “Learning” is successful. **(5)**



Then you can enter the just-added Power Plug on the App to control Power-ON or Power-OFF by pressing the icons on the App. (6)



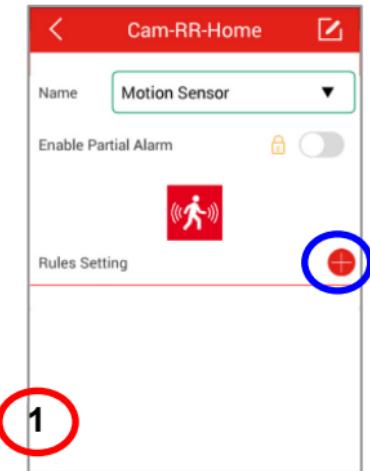
## 5. Rules setup for sensors and actors

Once you have Sensors (Transmitters) and Actors (Receivers) added into your system, you can setup Rules between them.

So let's try to setup this example: once the Motion sensor is triggered, the Power plug would turn on the lamp automatically.

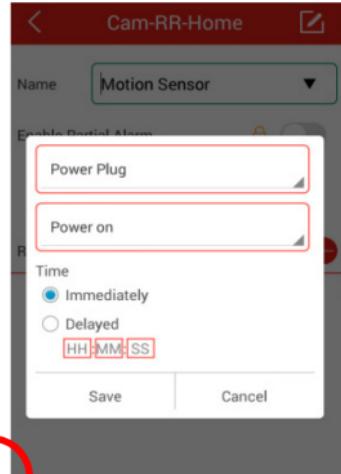
Please enter the Transmitter sensor (motion sensor) in this case from the Sensor/Actor list on your App by clicking into it.

Please press the “+” sign next to “Trigger” and setup the rules to link the receiver devices. (1)

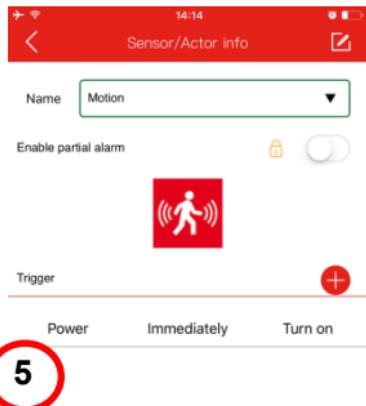


Please select the Receiver device and define the “action” to power On/Off and press “Save” to complete the rules setting. (2)

Now please try to trigger your motion sensor and check the linking on the ednet.power Plug side.



In Partial Arm Mode you are able to receive notifications from the sensors, which are marked as active in Partial Arm. Also the programmed rules will work. To set up the Partial Arm Mode for the sensor, please go into the sensor settings and activate "Enable Partial Alarm".



## 6. Install MicroSD Card

ednet Smart Home camera gateway can be equipped with a microSD card for event recording. Please insert the MicroSD card up to 32GB as shown below.



## 7. Motion Detection Setup

Once the microSD card is inserted and formatted, we can then setup motion triggered recording on the camera side.

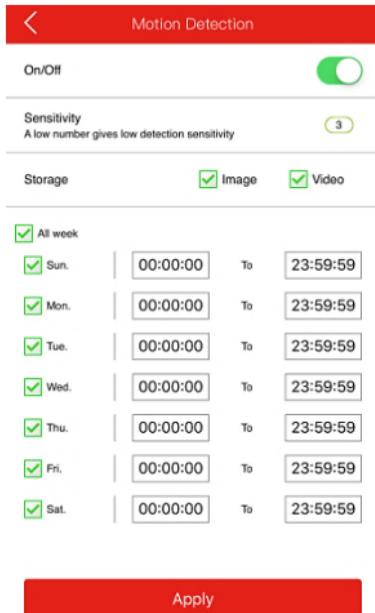
Please go the “Advance Setting” on the App of the IP Camera gateway, then select “Motion Detection”.

Please switch to “On” to enable motion detection.

By enabling “image” or “video”, you will create event snapshot or event recording at the microSD card.

You can also define the motion triggered event time or simply enable “All week” to have full-time detection.

Press “Apply” to complete the setup.



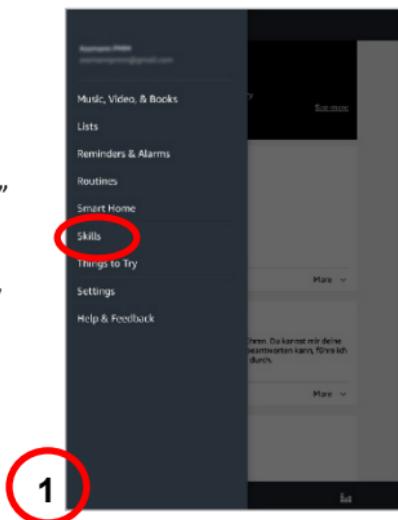
The screenshot shows the 'Motion Detection' configuration screen. At the top right is a red 'Motion Detection' button. Below it is an 'On/Off' toggle switch set to 'On'. A sensitivity slider is set to '3'. Under 'Storage', both 'Image' and 'Video' checkboxes are checked. A table below shows weekly detection times from 00:00:00 to 23:59:59. An 'Apply' button is at the bottom.

Day	From	To
Sun.	00:00:00	23:59:59
Mon.	00:00:00	23:59:59
Tue.	00:00:00	23:59:59
Wed.	00:00:00	23:59:59
Thu.	00:00:00	23:59:59
Fri.	00:00:00	23:59:59
Sat.	00:00:00	23:59:59

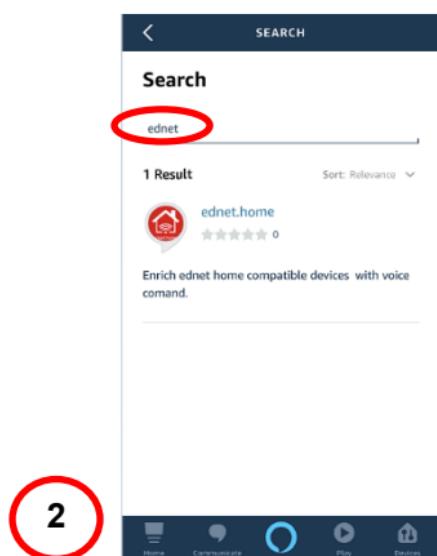
Apply

## 8. How to link the system with Amazon Alexa

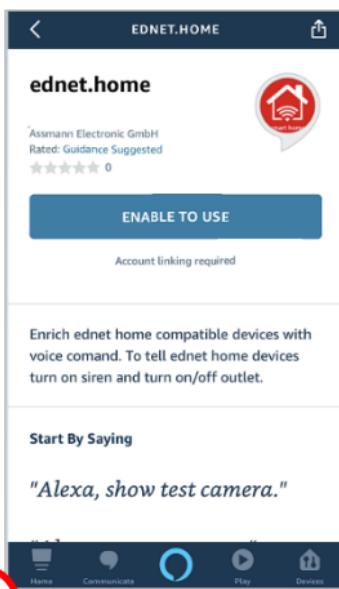
Please open the “Amazon Alexa” App on your Smartphone / Tablet, log into your Amazon Alexa account and select “Skills” from the menu list. (1)



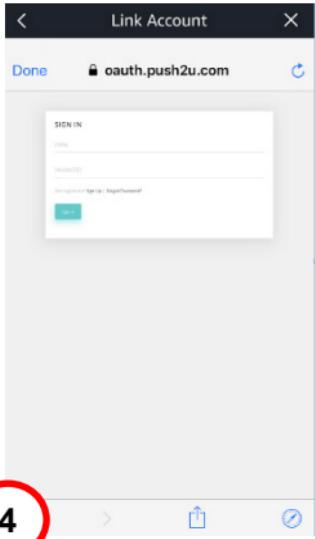
Please enter “ednet” in the search field and chose the ednet.home skill from the list. (2)



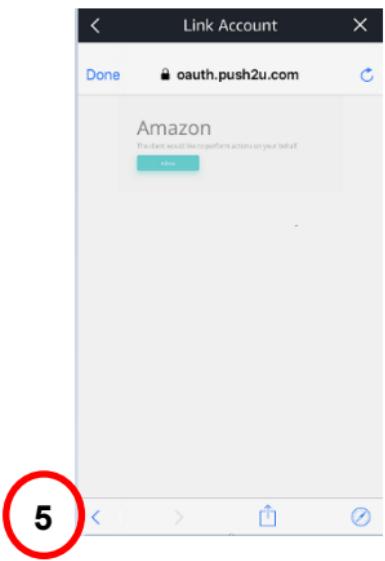
Please enable the ednet.home skill and move forward with the account linking. (3)



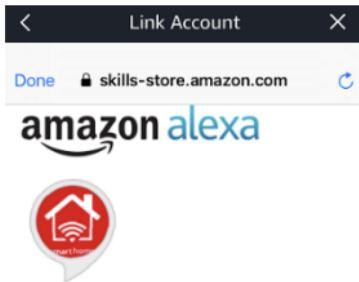
To activate the account linking, please enter your ednet smart home App account information and press “Link Now”. **(4)**



Now please authorize Amazon Alexa to control your devices over the internet by pressing “Allow”. **(5)**



After the successful link, the Amazon Alexa App can discover your smart home devices. (6)

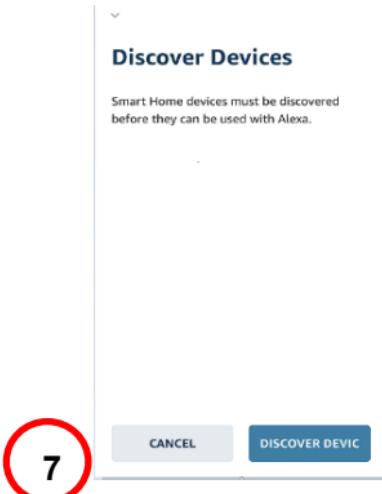


ednet.home has been **successfully linked.**

What to do next:

→ Close this window to discover smart-home devices you can control with Alexa.

Please press “Discover” to search for your linked devices. (7)



7

Alexa is now discovering your devices... (8)

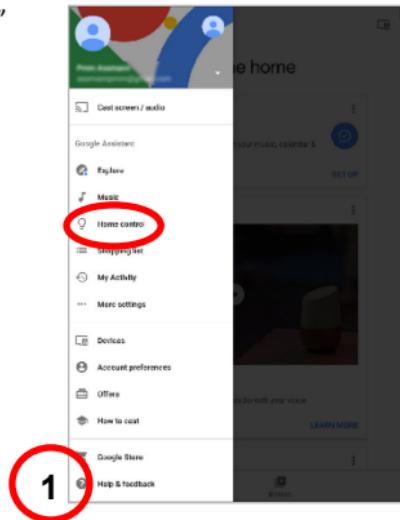


After successful discovery of your devices, the devices will be listed in the Smart Home menu. Now you can start to configure and control your ednet smart home devices via Amazon Alexa.  
Simply ask Alexa (e.g.) to turn on your smart plug. (9)

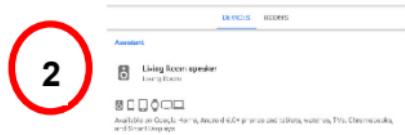


## 9. How to link the smart plug with Google Home

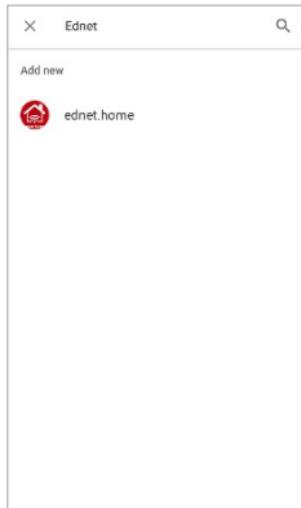
Please open the “Google Home” App on your Smartphone / Tablet, log into your Google Home account and select “Home control” from the menu list. (1)



Please press the “+” icon to add the ednet smart home system. (2)



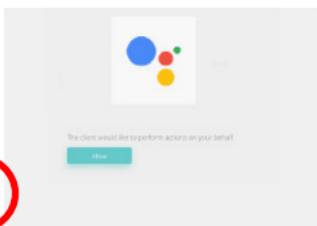
Search for ednethome and add the ednet action. **(3)**



To activate the account linking, please enter your ednet smart home App account information and press "Link Now". **(4)**



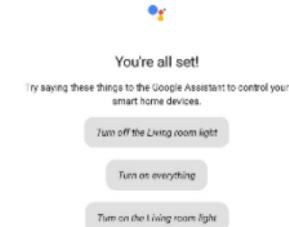
Now please authorize Google Home to control your devices over the internet by pressing "Allow". **(5)**



After the successful link, Google Home will discover your smart home devices.

Your device will be shown and you can edit the name and assign a room.

Now you can start to control your ednet smart home devices via Google Home. Simply ask Google Home (e.g.) to turn on your smart plug. (6)



6

GOT IT

## Trademarks

ednet is a registered trademark of ASSMANN Electronic GmbH.

Apple, Apple App Store are registered trademarks of Apple Inc.

Android, Google, Google play are registered trademarks of Google Inc.

AVM Fritz!Box is a registered trademark of AVM Computersysteme Vertriebs GMBH.

Telekom Speedport is a registered trademark of Deutsche Telekom AG.

## Note:

All other trademarks not listed here, are the property of their respective owners. Trademarks or trade names mentioned in this manual are used to describe the operating steps and do not imply that they are freely available. In any case they are the property of the respective holder of the rights.

## Technical descriptions

### Frequency Range      IP Camera gateway:

WiFi(HT20) 2412 - 2472 MHz

WiFi(HT40) 2422 - 2462 MHz

433.92 MHz (Duty cycle<10%)

**Motion Sensor:**

433.92 MHz (TX, Duty cycle<10%)

Door and window sensor

433.92 MHz (TX, Duty cycle<10%)

**Transmit Power      IP Camera gateway:**

WiFi: 15.19 dBm EIRP

Non-Specific SRD: 7.56 dBm ERP

Motion Sensor: 7.76 dBm ERP

Door and window sensor: 8.93 dBm ERP

**Hardware Version      IP Camera: X40-12-LT-A2**

Motion Sensor: KR-P829-119-A

Door and window sensor: KR-D026-119-A

**Software Version      IP Camera gateway: V1.0**

Motion Sensor: V12

Door and window sensor: V10

**To access the other languages of QIGs, please visit our website  
at <https://www.ednet-europe.eu/en/> to download the  
documents**

Hereby ASSMANN Electronic GmbH, declares that the Declaration of Conformity is part of the shipping content. If the Declaration of Conformity is missing, you can request it by post under the below mentioned manufacturer address.

**[www.assmann.com](http://www.assmann.com)**

Assmann Electronic GmbH

Auf dem Schüffel 3

58513 Lüdenscheid

Germany

