

Installation guide

Motion detector



INSTALLATION GUIDE MOTION DETECTOR

Congratulations on the purchase of your Egardia motion detector.

Website Egardia
www.egardia.com

Customer Service

Please visit www.egardia.com if you would like further information about the installation and use of Egardia. The answers to a number of frequently asked questions can be found at www.egardia.com/userquestions.

This package has been put together with care. Please contact our customer service if you would like any help during installation or if something is missing from the package. Never return a package without prior instruction from our customer service.

Motion detector

The motion detector triggers an alarm when it detects movement within its field of view (detection zone). The Egardia motion detector is specially designed to ignore pets up to 38 kg, like cats and dogs. This significantly reduces the possibility of false alarms.

After the detector has sensed a movement and reported an alarm it automatically enters standby mode to increase battery life.

OVERVIEW MOTION DETECTOR

1. **Status indicator & Register button** – Shows the status of the motion detector and also acts as a register button for the motion detector.
2. **Battery tab** – After removal of this tab the motion detector is activated.
3. **Screw** – This opens the motion detector.

INSTALLING THE MOTION DETECTOR

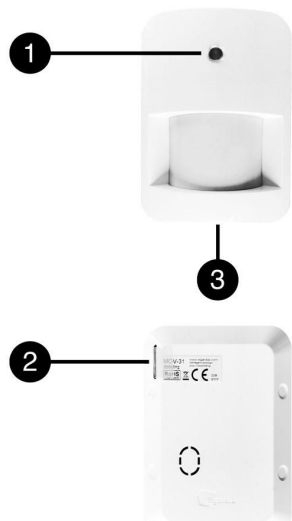
The installation process of the Egardia motion detector consists of four easy steps.

STEP 1.	CHECK CONTENTS	CHECK THE CONTENTS OF THE BOX
STEP 2.	ADD TO ALARM SYSTEM	REGISTER THE MOTION DETECTOR WITH YOUR EGARDIA ALARM SYSTEM
STEP 3.	MOUNT MOTION DETECTOR	DETERMINE THE LOCATION AND MOUNT THE MOTION DETECTOR
STEP 4.	CHECK AND TEST	CHECK AND TEST THE MOTION DETECTOR

STEP 1: CHECK CONTENTS

Check the contents of the packaging for the following parts:

1. Motion detector (battery is factory installed in the motion detector)
2. Bag containing screws and plugs
3. Double-sided tape for mounting



STEP 2: ADD TO ALARM SYSTEM

You are now about to register the motion detector with your Egardia alarm system.

Before mounting the motion detector remove the plastic battery tab at the back of the motion detector to activate the battery. The status indicator of the detector will now flash a few times.

1. Remove the plastic battery tab at the back of the motion detector to activate the battery. Ensure the tab has been completely removed! Wait till the status indicator of the motion detector stops flashing. This will take approximately 30 seconds.
2. Ensure at your gateway that the alarm is turned off. The top indicator light (Status) and the bottom indicator light (Online) are lit green.
3. Press the "Reset" button at the side of the gateway for at least 7 seconds. The top indicator light (Status) of your gateway flashes green to indicate it is searching for new accessories.
4. Press the register button of the motion detector. The gateway beeps once to indicate the motion detector is successfully registered. The gateway beeps twice to indicate the motion detector has already been successfully registered.
5. Press again the "Reset" button at the side of the gateway for at least 7 seconds if no more accessories are being added. The gateway returns to normal operation.
6. Login to your Egardia account and go to the tab "Alarm system". The registered motion detector will appear after a few minutes.
7. Rename the motion detector for easy recognition.

STEP 3: MOUNT MOTION DETECTOR

Place the motion detector in a room where the chance of burglary is high. Before mounting use the key fob to test the desired mounting place is within range of the gateway.

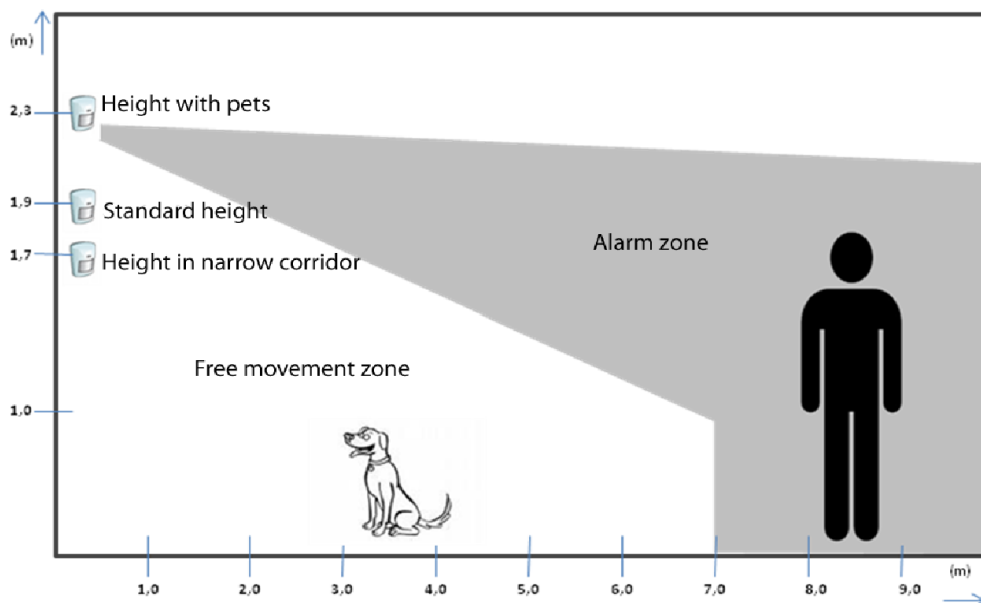
Important guidelines

- The sensor functions optimally at places with a high chance of a burglar moving across its detection zone and not directly towards it, e.g. *in the corner of a room*.
- The optimal height of the motion detector is **1,90** metres.
- The optimal height of the motion detector in a narrow corridor is **1,70** metres.
- Avoid placing the motion detector in the following locations:
 - o Behind objects that could restrict the detection zone, e.g. furniture or curtains.
 - o Directed at doors that are secured by a door/window sensor.
 - o In direct sunlight or close to heat sources such as log-fires, boilers or steam or above radiators.
 - o Behind or directed at windows or moving objects such as curtains.

Pets

The motion detectors are pet friendly. They are designed not to react to pets weighing up to 38 kg and not taller than 1,0 m. Placing the detector at a height of 2,30 m results in a free movement zone of approximately 7,0 m (see diagram). Placing the detector higher will increase the free movement zone even further.

Determine the height carefully to ensure that also larger pets are not detected. Above a height of 1,0 m the motion detector will not react to a weight up to 18 kg.



If you plan to mount the motion detector in a corner, please cut the double-sided tape in half lengthwise and attach each strip onto the 2 sloping surfaces at the back side of the motion detector.

Instructions

1. The motion detector can be mounted using the double-sided tape or by using the screws.
2. For mounting with screws:
 - a. Remove the screw at the bottom of the motion detector and remove the front cover.
 - b. Use the pre-punched holes in the motion detector as a template to mark the drill holes on the wall.
 - c. Drill the holes and use the plugs for stone or plaster walls.
 - d. Secure the back of the motion detector to the wall using the screws.
 - e. Replace the front cover and secure with the screw at the bottom.

STEP 4: CHECK AND TEST

To make sure that the motion detector functions correctly it is advisable to test the motion detector.

Turn the alarm system on by using your remote control (press red button) and move into the motion detector's field of view. If the alarm is triggered the motion detector has been installed correctly.

Please note! The motion detector incorporates a battery saving function of 1 minute. This means that the detector will only be active after it has not detected any motion for a period of 1 minute. When testing the motion detector ensure that the room has been empty for at least 1 minute before running the test.

Congratulations! The installation is complete.

MAINTENANCE

Battery

The motion detector is powered by one 1,5V AA (LR6) Alkaline battery. Depending on use, the average life of the battery is 3-5 years. The motion detector itself will indicate when the battery is low. When the battery has power left for about one month you will receive the following warnings:

1. The motion detector's status indicator will start to flash.
2. In your Egardia account you will see the message "Battery low level" under the tab "Alarm history".
3. You will receive a one-time message by telephone, SMS or email.
4. The central indicator light (Alarm) of your gateway is lit yellow. After the battery has been replaced the gateway will return to normal status.

Replacing the battery

1. Ensure that the alarm is turned off.
2. Remove the screw at the bottom of the motion detector and remove the front cover.
3. Remove the old battery and replace by a new 1,5V AA (LR6) Alkaline battery. Ensure that the battery polarization is correct.
4. Replace the front cover and secure with the screw at the bottom.

Testing the motion detector

Press the "Reset" button at the side of the gateway for at least 5 seconds. The top indicator light (Status) of the gateway flashes green. The gateway is ready to test a registered motion detector. The motion detector functions correctly when the gateway beeps twice as soon as a registered motion detector senses a motion or after you press the register button of the motion detector. When you are finished testing press again the "Reset" button of the gateway for at least 5 seconds. The gateway returns to normal operation.