ALARM SYSTEM INSTALLATION GUIDE

Egardia's website
www.egardia.com

Congratulations on the purchase of your Egardia alarm system. The Egardia alarm system is all-in-one system with which you can secure your home or office easily against burglary.
This alarm system can be expanded with up to 160 wireless accessories. This way you can protect your home easily against burglary, fire and water damage and control your lighting automised and intelligently.

Customer services
Please visit www.egardia.com if you would like further information about the installation and/or 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 services department 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 services department.

CONTENTS OF THE PACKAGE

An overview of the parts included in this package

Gateway
Please connect the gateway to your modem or
router. The gateway registers and activates alarm
notifications. The gateway also includes a loud siren
(104 dB).

Power adapter and Ethernet cable
These items enable you to connect the gateway to
the power grid and your modem.

Key pad
The wireless key pad enables you to operate the
alarm system anywhere in the house using your
personal pin number.

Key fob
The key fob enables you to turn the alarm on and
off and to activate the panic alarm at the push of a
button.

Motion detector (2x)
The wireless motion detector detects movement in
combination with heat.

Door/window sensor
Will alert you when a door or window is opened.

Fixings and security stickers
To help mount the alarm system and for the
prevention of burglary.

INTRODUCTION

A protected home

Egardia is an affordable and innovative all-in-one alarm system which allows you to wirelessly protect your home from fire, burglary and flooding.

24/7 protection

Would you like to go away for the weekend or on holiday without having to worry about the house? Egardia guards the house 24 hours a day, 7 days a week. Let us know who your contacts are. They could be friends, family or neighbours. We contact them straightaway by phone, text or e-mail in case of an alarm. Contacts know your home and are able to take action quickly, to prevent further damage.

Optional accessories

This package contains everything you need to protect your home from burglary. The accessories are wireless and have a maximum range of 30 meters from the gateway inside the house.

You can easily expand your Egardia alarm system with extra accessories, such as motion detectors, smoke detectors or cameras.

You can also add Egardia's Smart plugs. Smart plugs allow you to easily manage the use of lights and electrical appliances. Smart plugs can also be easily controlled via web and mobile phone.

You can expand Egardia's alarm system with up to 160 accessories. This number **excludes** cameras, bell boxes and extenders.

Please visit www.egardia.com for all our available options.

INSTALLING THE ALARM SYSTEM

The installation of Egardia's alarm system consists of four simple steps.

STEP 1.	CONNECTING THE GATEWAY	CONNECT THE GATEWAY TO THE MODEM
STEP 2.	REGISTRATION	REGISTER YOUR ALARM SYSTEM AND ENTER YOUR SETTINGS
STEP 3.	PLACING ACCESSORIES	FIND THE BEST LOCATION FOR YOUR ACCESSORIES AND SECURE EVERYTHING IN PLACE
STEP 4.	CHECK AND TEST	CHECK AND TEST YOUR ALARM SYSTEM

Please see the appendices for further information:

Appendix A – The gateway's indicator lights
Appendix B – Drilling instructions for the accessories

INSTALLATION CHECKLIST

The gateway needs to be connected to a modem or router with an available Ethernet port. When there is no Ethernet port available, please ask your internet service provider or a nearby computer store how you can add more Ethernet ports to your home network.

The gateway should be connected to your power grid using the 230V power supply unit included. Please make sure you can place the gateway near a socket.

Mounting the gateway and the accessories using the adhesive strips and Velcro included is easy. You can also mount the accessories using the screws and plugs included. You will then need a pencil and a drill.

Ethernet cable: if the yellow Ethernet cable is too short make sure that you only use cables that meet the specifications of the Ethernet cable included. We recommend you use CAT5E TP (UTP or STP) cables. A cable with other specifications can cause connection failures. Please ask a nearby computer store about the correct cable to use.

Plugs: you will hear and feel a click when you have correctly connected the Ethernet cable to the devices.

You will find the "MAC Address" on the side of your gateway as illustrated here.

MAC address: please make a note of the last six characters of your gateway's MAC address. You will find the MAC address on the sticker labelled "MAC Address", which is located on the side of the gateway.

50502A:_____

You will need these six characters to register your gateway.

STEP 1: CONNECTING YOUR GATEWAY

The gateway is now being connected to the Internet and is being powered.

Please note! We recommend you place the gateway with the front facing forward because of the internal siren. The front of the gateway is the side bearing the Egardia logo.

The gateway is connected to an available Ethernet port in your modem or router using an Ethernet cable. In many cases, you will find your modem or your router near your electricity meter, in your living room or near your computer.

1. Place the gateway near the modem or the router. It should also be located near a socket (or use a 230V extension cord). **Please note! Place the gateway at least 50 cm away from the modem or router to avoid interference**.
2. Connect the yellow Ethernet cable to the gateway's Ethernet port. You will find this port on the side of the gateway labelled "Ethernet".
3. Insert the loose end of the Ethernet cable into an available Ethernet port on your modem or router.
4. Insert the power adapter's small plug into the gateway's power connection port. You will find this port on the side of the gateway labelled "Power".

Placing the gateway
You can place the gateway on a surface or you can
fix it to the wall. Please use the self-adhesive Velcro
(four pieces) to fix the gateway to the wall.

Preparing the gateway for registration
You can now insert the power cable's plug into the
socket. The gateway is now being prepared for use.
This may take up to 1 minute.

The gateway is ready for use when the top light
(Status) is green and when the bottom light (Online)
<u>flashes</u> green. The gateway is now ready for
registration.

If these lights are not on or flashing, check to see
whether you have performed step one properly and
if the Ethernet cable is connected correctly. If the
gateway still can't be registered, please visit
www.egardia.com/userquestions.

STEP 2: REGISTRATION

You are now about to register your Egardia alarm
system.

You can set up your Egardia alarm system entirely
to your wishes once registration is complete. You
can configure the settings of your accessories,
create access codes for different users, add
contacts and determine the way in which you and
your contacts receive alarm notifications.

Please note! During the
registration process
you will be asked to
choose a username and
password. You will
need these details to
log in to your personal
Egardia environment.

Online registration
1. Turn on your PC or laptop and open your internet browser.
2. Go to www.egardia.com/registration. Follow the instructions on the
   screen.

Followed the online instructions you will be taken to a page that displays the status of your registration. When you see the message "Congratulations", your registration has been successful.

Please try again if your registration has been unsuccessful. Please visit www.egardia.com/userquestions if you are unable to register successfully.

The standard PIN is 1234. Please change your PIN in your personal Egardia environment. To change your PIN, login and click "My account". Click on the name of the user and change your PIN. Then click "Save".

Setting up your personal Egardia environment
To get the most out of your Egardia alarm system, you should adjust your preferences in your personal Egardia environment. You can adjust the settings for your accessories, add users, set contacts and determine the way in which you receive alarm notifications. Please follow the accompanying instructions on the screen whilst adjusting your settings.

You will find the following pages in your personal Egardia environment:

Summary
An overview of the most recent alarm notifications and the status of your alarm system
Alarm History
An overview of all registered status and alarm notifications
Alarm System
Setting up your alarm system and accessories
Cameras
View and record images from your cameras
Contacts
Add and remove contacts from your alarm notification list

Energy Control

Manage your Smart plugs
My account
Add users, set your PIN and change your personal
details

STEP 3: PLACING ACCESSORIES

All the accessories of your basic alarm system have already been registered to your gateway. Any additional accessories should be manually registered to the gateway.

Determine the best suited locations for your key pad, motion detectors and the door/window sensor.

After you have determined the locations, the accessories can be easily secured using the Velcro and adhesive strips included. Please see the instructions stated in Appendix B if you would like to mount your accessories using screws.

Tip! The key fob is the accessory with the shortest range. By trying to turn the alarm system on and off using the key fob, you will discover which places are within range and which are not.

Key pad

The key pad allows you to easily turn the alarm system on and off using you PIN. You can do this just before you leave the house and when arriving home or just before going to bed at night and after waking up in the morning. Turn the alarm system on by entering your PIN and then pressing the red button (closed padlock) for normal activation or followed by the button depicting a house for partial activation.

The standard PIN is 1234. You can easily change this in your personal Egardia environment.

Before placing the key pad, remove the plastic tab at the back of the panel to activate the battery.

Important guidelines

- Remove the plastic tab on the back of the key pad to

activate the battery. The light on the key pad will then flicker a few times.
- Place the key pad near the entrance.
- Avoid placing the key pad in an area where it can be seen from outside.
- Place the key pad at a comfortable height but make sure small children cannot reach it.

Motion detector

The motion detector detects movement in combination with heat. Place your motion detectors in rooms that are most vulnerable to burglary.

Important guidelines

Before placing the motion detector, remove the plastic tab on the back to activate the battery.

- Remove the plastic tab on the back of the motion detector to activate the battery. The light on the detector will then flicker a few times.
- The detector works best if you place it where an intruder will cross its detection field. Prevent positioning it in a way that an intruder will walk right up to the detector. *We recommend the corner of a room.*
- The optimum height for a motion detector is **1.90** meters.

- The optimum height for a motion detector in a narrow corridor is **1.70** meters.
- Ensure that items such as furniture or curtains do not obstruct the detector.
- Do not aim the detector at doors that are secured using a door/window sensor.
- Do not place the motion detector in direct sunlight and do not point it directly towards windows, moving objects (like curtains) or sources of heat such as an open fire, boilers, radiators or steam.
- Do not place the motion detector right above a radiator.

Tip! In the correct installation, the motion detector led light is shown on the top

Please note! Avoid mounting the motion detector in places where pets can climb right in front of the detector at close range.

Pets

The motion detectors are pet friendly. The detectors do not respond to pets lighter than 38 kilos and smaller than 1 meter. If you place the motion detector at a height of 2.30 meters, the area in which your pet can move freely is approximately 7 meters. The higher you place the detector, the greater this distance becomes.

Please adjust the height to ensure larger pets remain undetected. The detector will not respond to pets taller than 1 meter as long as they weigh less than 18 kilos.

Door/window sensor

You can attach the door/window sensor to a door or window. When the door or window is opened, the magnetic contact breaks and the alarm is activated.

Important guidelines

Before securing the door/window sensor, remove the plastic tab on the back to activate the battery.

- Remove the plastic tab on the back of the door/window sensor to activate the battery. The light on the sensor will then flicker a few times.
- Choose a door or window that is most vulnerable to burglary.
- The door/window sensor consists of two parts. The first bit is the part with the sensor and the smaller bit is the part with the magnet. The smaller part can be found included with the fixings.
- Place the magnet as near as you can to the two ridges on the tall side of the sensor.
- The distance between the magnet and the two ridges on the tall side of the sensor may not exceed 2 centimetres.
- Fix preferably the large part of the sensor to the door or window frame and attach the magnet to the door or window itself.

Key fob

The key fob allows you to easily turn the alarm system on or off at the push of a button. Press the button depicting a house if you only want to partially activate the alarm system. The key fob also has a panic button. By pressing the panic button an alert will be sent to all your contacts immediately.

You can activate the key fob by inserting the batteries included:

1. Carefully unscrew the battery cover using a small coin such as a dime or a coin of a comparable size.
2. The battery is in a plastic bag and is included with the fixings.
3. Insert the battery with the plus side (+) facing up in the key fob and close the lid.

STEP 4: CHECK AND TEST

Test whether the alarm system is set up correctly.

Please note! Turn off the siren before you test your system, as you will be testing it numerous times.

Please note! The motion detector has a battery saving function. The battery saving function causes the detector to go into sleep mode when continuous movement is being registered. The movement detector will function after it has not registered movements for over one minute. Therefore ensure that you have not been in the room for at least a minute before testing.

TIP! It is possible to temporarily turn off the battery saving function. All you have to do is press the button on the front of the motion detector. The light lights up red. The battery saving function is now temporarily turned off and the light will turn red when the motion detector senses movement. The movement detector will revert to its normal status after 3 minutes. The light on the motion detector will then no longer light up when it detects movement.

Instructions
1. Log in to your personal Egardia environment and turn off the siren before you start the test. You can do this via either the "Overview" or "Alarm system" page.
2. Make sure you have your telephone or mobile phone nearby.
3. Activate the alarm using the key pad. You can do this by entering your PIN and pressing the red button (padlock).
4. The alarm system will become active following the set delay time. The standard delay time is 30 seconds.
5. Following this delay time, open a door or window to which a door/window sensor is attached or walk through the motion detector's detection field. Please

take the 1 minute battery saving function into account. The alarm will be activated.

If the alarm is activated and you receive a text, e-mail and/or telephone notification within one minute, your alarm system is correctly installed. Please go to www.egardia.com/userquestions if you do not receive an alarm notification.

6. Turn off the alarm using the key fob by pressing the green button for a few seconds.
7. Check the "Alarm notifications" page in your personal Egardia environment after a few minutes, to see if the test notifications have been registered.
8. Turn the battery switch on your gateway to "On" if you would like to use the emergency power supply.

Congratulations! The installation is complete.

TIP! Once the installation of the Egardia basic alarm system is complete, you can add extra accessories to enhance the protection of your home.

APPENDICES

A – The gateway's indicator lights
B – Drilling instructions for the accessories

A - THE GATEWAY'S INDICATOR LIGHTS

The following table lists the gateway's most common status notifications. This table will help you determine the alarm system's status.

Notification	Status	Alarm	Online
Start up	Green		Yellow - Flashing
Ready for registration	Green		Green - Flashing
Normal – Alarm Off	Green		Green
Alarm On	Red		Green
Alarm On – Partially	Red - Flashing		Green
Alarm notification!	Red	Red – Flashing	Green
Alarm history registered	Green	Red	Green
No internet	Green		Yellow
No power	Green	Yellow - Flashing	Green
No internet, no power	Green	Yellow - Flashing	Yellow
Adding accessories	Green - Flashing		
Testing accessories	Off		
System or accessory failure	Green	Yellow	Green

Alarm history registered
The middle light (Alarm) lights up red following an alarm notification. Press the "Reset" button to clear the alarm. The gateway will then return to its normal status.

No internet connection
You will be notified if the internet connection fails. Please contact you internet provider if this happens on regular basis.

No power
You will be notified if the power connection fails or is being tampered with. Using its emergency power

supply the alarm system is able to operate for approximately 8 hours. During this time the siren will continue to function however you will not receive any alarm notifications.

Adding accessories
Log in to your online account and go to the "Alarm system" page. Press the button "Add accessories". This enables you to add new accessories to the alarm system. The top light (Status) on the gateway will be flashing green. Press the button on the accessory that you would like to add. The gateway emits a monotone beep when a new accessory has been correctly added. If you no longer want to add accessories, press the "Done" button on the "Alarm system" page. The alarm system will then return to its normal status.

Testing accessories
Log in to your personal Egardia environment and go to the "Alarm system" page. Press the button "Test accessories". This enables you to test accessories which have been registered. The top light (Status) will turn off. The gateway will emit a two-tone beep when a registered accessory detects any type of activity. If you no longer want to test the accessories, press the "Done" button on the "Alarm system" page. The alarm system will then return to its normal status.

Accessory malfunction
If the middle light (Alarm) is yellow, one of the accessories might be malfunctioning. Please check the "Alarm History" page in your personal Egardia environment whether the cause of the malfunction has been listed and to see which accessory it concerns. The accessory might be outside of the gateway's range or it might be faulty. To test the accessory, log in to your personal Egardia environment and go to the page "Alarm system".

Press the button "Test accessories" and press the button on the accessory. The gateway emits a two-tone beep when the accessory is functioning correctly and when it is within range of the gateway. If the light on the accessory does not light up after the button has been pressed, the plastic tab from the battery compartment of the accessory may not have been removed or the batteries may be empty or the accessory may be defective. Contact customer services if the accessory seems to be defective. If the light on the accessory lights up, move the gateway and the accessory closer to each other until they are within each others range.

B - DRILLING INSTRUCTIONS FOR THE ACCESSORIES

This appendix contains instructions for mounting your accessories using screws. The plugs and screws included can be used in both plaster and stone walls.

Key pad

- Remove both lids on the front.
- Place the key pad against the wall and mark mounting holes. Drill the holes and use the plugs.
- Attach the key pad to the wall using the screws. Place the both lids back.

Motion detector

- Loosen the screw at the bottom of the motion detector and open the front.
- Drill through the plastic breakable holes on the back or the side of the motion detector from the inside.
- Use the holes in the motion detector to mark the holes in the wall.
- Drill the holes and use the plugs.
- Attach the back of the sensor to the wall using the screws.
- Close the front and screw it shut.

Door/window sensor

- Loosen the screw at the bottom of the door/window sensor and open the front
- Drill through the plastic breakable holes on the back or the side of the door/window sensor from the inside.
- Attach the sensor with the screws to the door or window post.
- Fix the smaller part with the small screws on the door or window. Cover the screws with the white caps captured