



EM8615

**Basic Wireless WiFi/GSM Alarm System
Starter Kit**

en

Manual

EM8615 - Basic Wireless WiFi/GSM Alarm System Starter Kit

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1.0 Introduction

Congratulations with the purchase of this high-quality Eminent product! This product has undergone extensive testing by Eminent's technical experts. Should you experience any problems with this product, you are covered by a five-year Eminent warranty. Please keep this manual and the receipt in a safe place.

Register your product now on www.eminent-online.com and receive product updates!

1.1 Packing contents

The following parts need to be present in the packing:

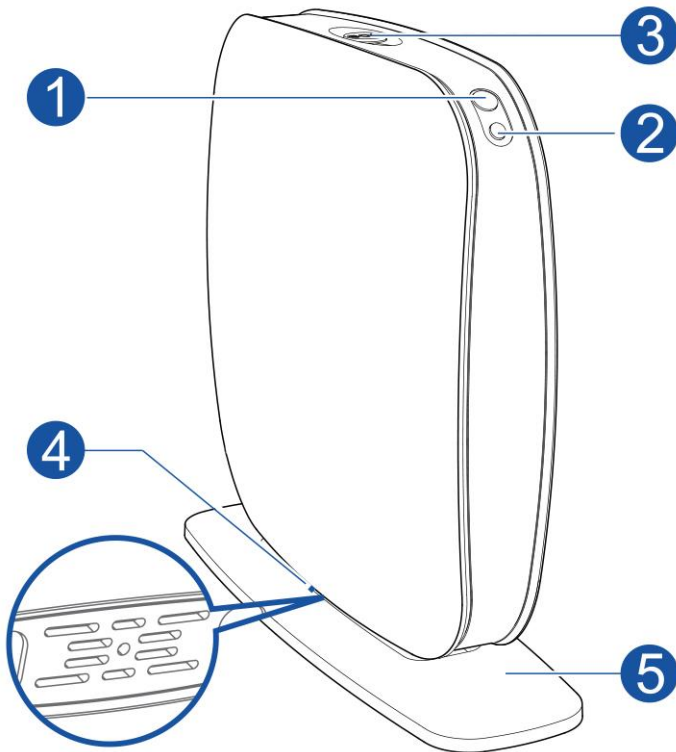
- 1 x Alarm system with built-in Wi-Fi & mobile module, siren and 1 back-up battery. **(EM8615)**
- 1 x wireless door/window contact. **(EM8660)**
- 1 x wireless PIR motion detector. **(EM8650)**
- 2 x multifunctional remote controls. **(EM8621)**
- 1 x power adapter for the Alarm system.
- 2 x window alarm stickers
- All required batteries.
- QIG.

Notice: The alarm system can be used and configured by Wi-Fi and/or SMS text messages. For the use of SMS text messages you will be charged by your telecom provider. Inform with your telecom provider the estimated cost rates for sending SMS text messages.

2.0 Explanation of the Alarm system

2.1 Front

1. Status / GSM Signal indicator
2. Power / Wi-Fi Signal indicator
3. SOS button
4. Microphone (monitoring)
5. Stand





1. Status / GSM signal indicator

OFF: System is disarmed

Blue (continuous): System is armed

Blue (blinking): the alarm has been triggered

White (fast blinking): searching GSM network

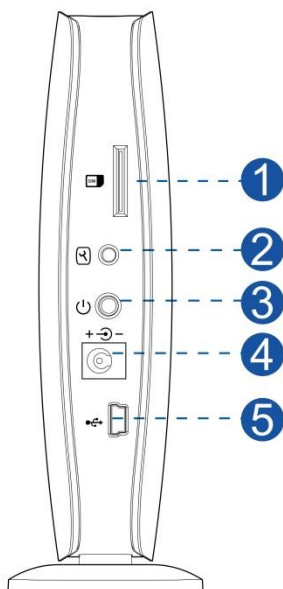
White (slow blinking): GSM signal is OK

2. Wi-Fi Signal Indicator

Green: Connected to Wi-Fi

Blue: Not connected to Wi-Fi

2.2 Rear



1. SIM Card slot
2. Pairing button
3. Power On/Off
4. Power adapter interface
5. USB connector (For service purposes only)

3.0 Preparation

3.1 GSM SIM card

To get the best out of the system, it is crucial to take some precautions before making use of the alarm system.

The EM8615Wi-Fi/GSM alarm system will send you a Push notification via the internet and/or notifies you by using the mobile module and will send you a text message or gives you a call when there is an alarm triggered. In order to do so, the system needs a SIM card from a mobile phone provider. Please check below points before buying a SIM card:

- 1) Choose a mobile provider which has the best network coverage at the place where you would like to mount the alarm system.
- 2) When using a prepaid card, make sure that info messages from the provider will be send by e-mail instead of text message. You cannot read text messages on the alarm system. Please choose a provider with a web portal to upgrade your credit.
- 3) The voicemail function should be switched off. Insert the SIM card into a cell phone and refer to the information of your provider to turn the voicemail off.
- 4) Remove the PIN code of the SIM card. Follow the steps below to turn off the PIN code of the SIM card.
 - a) Apple (iOS) Go to **Settings→Phone→SIM PIN**. Turn off SIM PIN here
 - b) Android, go to **Applications→Settings→More→Security→Set up SIM card lock**. Switch off SIM card lock here.

Please check www.eminent-online.com for more information and instruction movies

3.2 Download APP

The EM8615 system can be set and operated with an APP using Wi-Fi or by mobile network, but it can also be fully used with text messages.

The APP is only available for Android and Apple (iOS) devices.

Search for the "EM8615" APP in the Google Play store or the Apple Store.

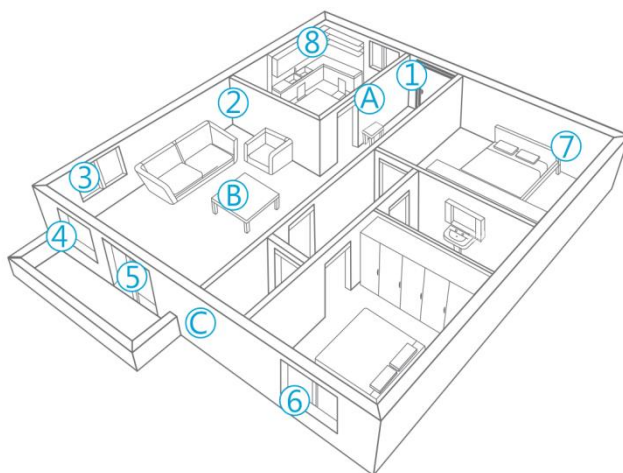


See chapter "[Apple and Android APP](#)" for more information on the operation of the APP

3.3 Plan for sensor placement

Before starting to install the alarm system it is important to make a plan. Determine the locations you want to secure and what type of sensor is needed. Also you need to determine what group type or configuration the sensor needs to be installed in. Every type of sensor needs to be placed in a group; Home-group, normal group, single group or 24-hours group (more information about the groups will be explained in the chapter "[Explanation of the groups](#)").

Illustration below is an example of a plan that determines what sensor should be placed for the preferred security.



- A. Alarm system
- B. Remote control
- C. Siren

- 1. Front door : Window/door contact
- 2. Living room : Motion detector PIR
- 3. Window - Living room : Window/door contact
- 4. Window - Living room : Window/door contact
- 5. Door-terrace : Window/door contact
- 6. Window – Bedroom : window/door contact
- 7. Bedroom : Motion detector PIR
- 8. Kitchen : Smoke detector

Check www.eminent-online.com for an overview of all available sensors and accessories.

3.4 Sensor groups

Every sensor can be configured to be added to a dedicated group: normal group, home-group, single group or 24-hours group.

Remark: Determine before pairing with the alarm system in which group the sensor will be operational. Once the sensor is successfully paired with the system, the group cannot be changed after pairing!

*Remark: If the group of a sensor needs to be changed **all sensors** need to be paired with the alarm system once again. It is not possible to remove one single sensor from a group! (See chapter "[Removing the registered Accessories](#)")*

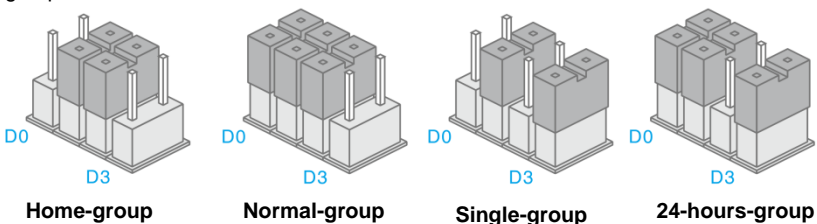
3.4.1 Explanation of the groups

- Normal-group: These sensors will be enabled when the alarm system is in full security mode or in-home security.
- Home-group: These sensors will be enabled when the alarm system is in full security mode and will be disabled in-home security mode.
- Single-group: These sensors will be enabled when the alarm is in full security mode or in-home security but with an addition of providing an entry delay before the alarm is triggered to provide time to disable the alarm (for example the front door).
- 24-hours-group: These sensors are always enabled regardless the status of the security system (for example a smoke detector).

3.4.2 Configure the sensors in a group

Every sensor can be configured to be added to a dedicated group by setting the jumper settings; normal group, home-group, single group or 24-hours group.

Bellow you will see an overview of how to configure the jumper settings for that type of group.



Remark: It's recommended to install detectors that need to be operational 24-hours, for example smoke detectors, in the 24-hours-group.

The default jumper settings for a window/door contact are D0, D1 and D2 (Normal-group), for the motion detector the default settings are D1 and D2 (Home-group). This means that the window/door contact will be enabled when the alarm system is in full security mode or in-home security. The motion detector will only be enabled when the alarm system is in full security mode. You can enable the full or in-home security by using the remote control, the "EM8615" APP or by using text messages on your mobile phone.

When the jumper settings are set to D1 and D2 the sensor is configured in the Home-group. In full security mode the sensor will be enabled. If In-home security is activated this sensor will be disabled.

When the jumper settings are set to D1 and D3 the sensor is configured in the Single group. The Single group has the same functionality as the normal group with an addition of adding an entry delay time for these sensors.

Remark : Sensors configured in the single group will be enabled in both security modes (Full, In-home) after a specified time.

When the jumper settings are set to D0, D1 and D3 these sensors are configured as 24-hoursgroup. These sensors are always enabled regardless the status of the security system.

3.5 Registered sensors


The motion detector and window/door sensor included with the alarm system are already paired to the system. The motion detector is set by default as Home-group and the window/door contact is configured as Normal-group.

The window/door contact is paired with Zone 1. The motion detector is paired with Zone 2.

The supplied remote controls are already paired to the system.


For more information about zones please see chapter "[Change Sensor \(zone\) name](#)"

3.6 Register accessories/sensors

1. Push the  button on the back of the alarm system.
2. Now add the accessory/sensor by triggering the accessory/sensor (For example push a button on the remote or remove the magnet from the door/window sensor).
3. If you hear a beep the sensor is registered to the system. If you hear 2 beeps this indicates this sensor is already registered (repeat these steps for every accessory/sensor you wish to pair with the alarm system).

The first accessory registered is assigned to zone 1, the second accessory registered is assigned to zone 2, etc. Zones 1 to 9 can be renamed. Zones 10 to 100 cannot be renamed.

3.7 Register wireless siren

The wireless siren is an extra accessory. To register the siren to the system press shortly the connect button of the siren. The LED will turn on. Press the  of the Remote control. You will hear a beep to notify you the registration is successful.

Remark: To be able to pair the siren with the alarm system please check that the delay time of the alarm system is set to 0 sec. during the pairing process. After pairing you can set the delay time back to the required time.

4.0 How does the Alarm system communicate

The Alarm system can communicate in 3 different ways with your phone.

- Using your Wi-Fi internet connection.
- Send and receive text messages using the mobile network (SIM card required).
- Call your phone (SIM card required).

4.1 How does the communication work

The Alarm system is equipped with a Wi-Fi module and a mobile module.

4.1.1 Communication via the Wi-Fi module

After successfully connecting the alarm system to your Wi-Fi internet connection, the alarm system can communicate and be configured from your phones APP using an Internet connection (even outside your Wi-Fi network).

The Alarm system will send a push notification to your phone if an event occurred on the alarm system.

4.1.2 Communication via the mobile module

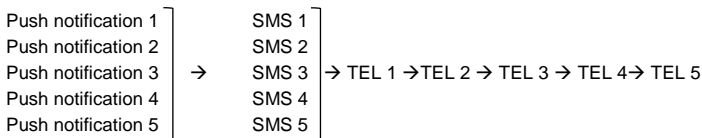
After installing a GSM SIM card the alarm system can communicate and be configured using text messages or using the APPs text message function.

The alarm system will send a text message and/or call your phone if an alarm event occurs on the alarm system.

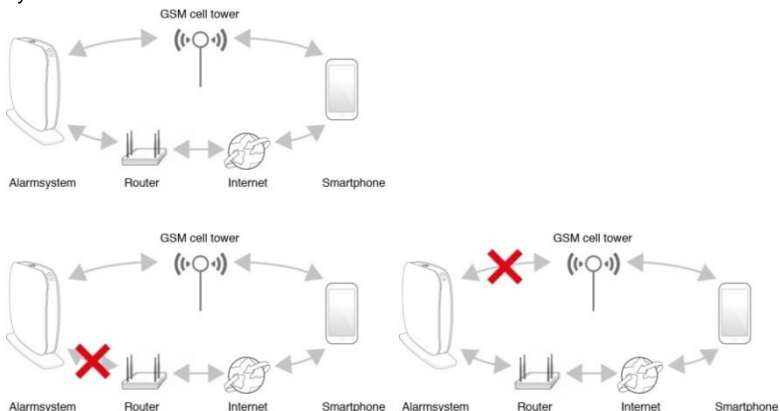
4.1.3 Back-up system

Thanks to the dual communication system the alarm system will be able to communicate with your phone even if one of the communications is not available.

The alarm system will firstly send a Push notification to all registered accounts using the Wi-Fi internet connection. If the alarm system is not disarmed the alarm system will send a text message to all the registered phone numbers. When this is fulfilled the alarm system will start calling the programmed phone numbers one by one. The alarm system will first call phone number 1 until the connection is disrupted and will immediately start calling the next phone number until the alarm system is disarmed. If one of the phone number has the voicemail enabled the system will continue to call the next phone number.



If one of the communications is no longer available the alarm system will use the other type of communication. For example the Internet or Wi-Fi connection is lost the alarm system will use the mobile module to communicate.



4.2 Installing a SIM card and power up the alarm system

If you are planning to use the mobile module of the Alarm system (even as fallback) you will need to install the SIM card first before you power up the alarm system.

Notice: make sure the PIN and voicemail of the SIM card are both disabled. You can disable this by using the SIM card in a regular mobile phone. In case of a prepaid card make sure you have enough credit on the SIM card. Install the SIM card in the alarm system.

Connect the supplied power supply to the alarm system, now connect the power supply to your mains. Turn on the alarm system by pressing the power button on the back of the alarm system.

5.0 Apple and Android APP

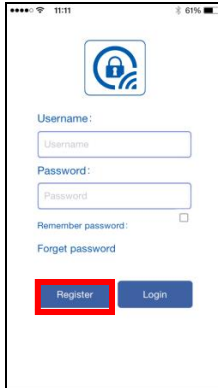
The EM8615 system can be controlled and configured by using the "EM8615" APP. Search for the EM8615 APP in the Apple App-store or in the Google Play Store. Download and install the APP on your phone/tablet.



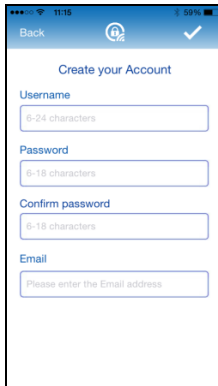
*Notice: The alarm system can be used and configured by text messages, **even if used with Android or Apple App!** For the use of text messages you will be charged by your telecom provider. Inform with your telecom provider the estimated cost rates for sending text messages.*


5.1 Create and add the main account

1. Start the APP on your phone and select '**Register**'



2. Create an account for your Alarm system(s)




3. If all required fields are entered please select the  (upper right corner) to create the account.
4. Login to your account by entering the credentials you entered in step 2.

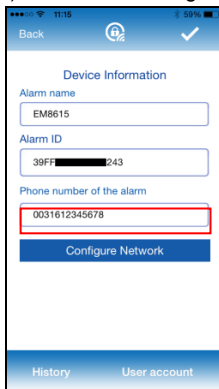
5. Press **“Login”**

5.2 Connect the device to your Wi-Fi network

1. Before you can setup the Wi-Fi connection of the alarm system please make sure you are logged in in the APP.
2. Go to your Smartphones WiFi settings without closing the APP.
3. Connect the Smartphone to the alarm systems own Wi-Fi network (SSID: EM8615).
4. Go back to the APP.
5. Wait for the notification **“WiFi now in use”** (approx. 3 min.)
6. Now from the APP account select **“Add device”**
7. If your Smartphone is connected to the Wi-Fi network of the alarm system the APP should be able to detect your Product ID if this is not the case please press **“Get Alarm ID”** to try again to request the Product ID. If for some reason the Product ID is still not available please reset the alarm systems Wi-Fi module (for more information see chapter [“Reset Wi-Fi network settings”](#)).

8. Select the Wi-Fi connection you wish to connect the alarm system to from the list of available Wi-Fi networks.

9. If the Wi-Fi connection is encrypted (preferably) please enter the password of the corresponding Wi-Fi network.
10. Press **"Connect"**.
11. Enter a name for the alarm system (example: EM8615)
12. Enter the mobile number of the SIM card installed in the alarm system in the **"Please enter SIM card number"** field. Start with the country code (example UK 0044). Without the country code the alarm system cannot be controlled or configured from outside your country.
13. Press  (upper right corner) to save the settings.



Back

Device Information

Alarm name

EM8615

Alarm ID

39FF-243

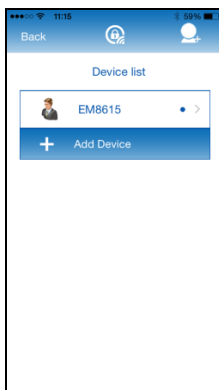
Phone number of the alarm

0031612345678

Configure Network

History User account

14. After you have added the device the device will appear in the start screen of the APP.
15. Select the device to continue.



Back

Device list

EM8615

+ Add Device

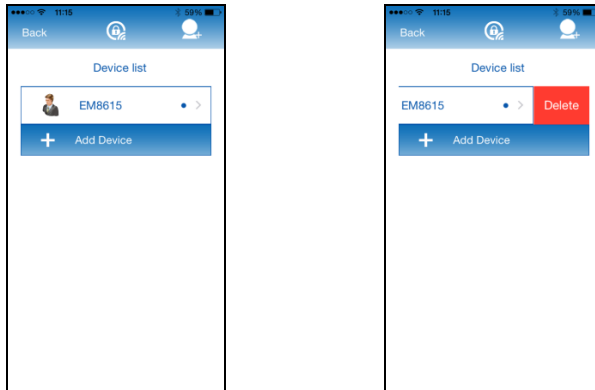
16. After you have selected the device you will see the control panel of the alarm system. With the control panel you can control/configure the alarm system. To enter the settings menu you need to swipe the screen to the left.

5.3 Delete a device from your account

To delete a device from your account.

Select the device from the device list. Swipe the device to the left side of the screen.

On the right side of the device a **"Delete"** button will appear. Press the **"Delete"** button the device will be deleted.



5.4 Add/remove an account.

The alarm system can be fully configured by an additional user account.

With this feature you can give another user full access to your alarm system for example a family member.

If you wish to add extra users to the alarm system (maximum 5 users including main account) you need to register additional accounts using the APP.

1. Start the APP on your phone and select **'Register'**



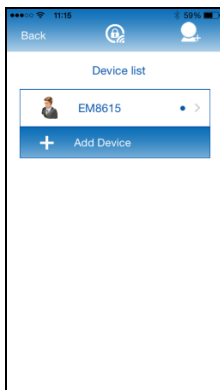
2. Create an additional account for your Alarm system

3. If all required fields are entered please select the ☒ (upper right corner) to create the account.

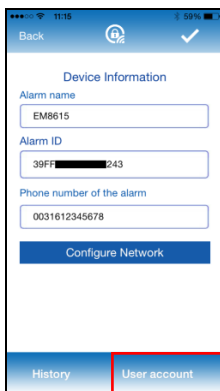
Now the user account is created we will need to add this user to the alarm system.

4. Start the APP on your phone/tablet and login with the credentials of the main user created in chapter "[Create and add the main account](#)"

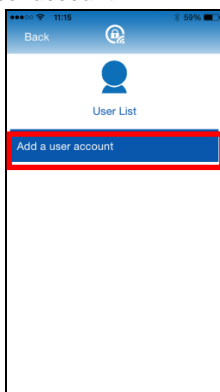
5. Press and hold the Alarm system you would like to add the user account to.



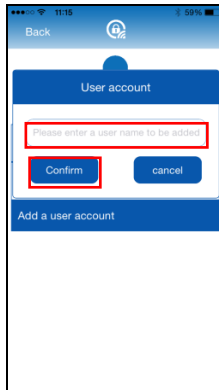
6. The configuration page is opened
7. Select the option **"User account"**



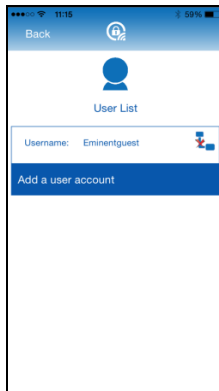
8. Select the option **"Add a user account"**




9. In the pop-up screen enter the account name of the "User" you wish to add to the alarm system.



10. Press **“Confirm”**



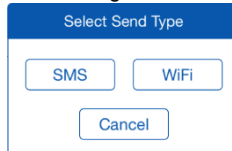
11. The user will be listed in the user list.

12. You can remove the user from the user list by pressing the  icon behind the account name (only the main user is able to add and delete other accounts).

6.0 Configure the alarm system

All settings of the system can be controlled and configured by using the APP or by sending text message commands. The APP can configure the alarm system via 2 different communication types Wi-Fi and text messages.

When using the APP you can choose with every adjustment which communication you wish to use for changing these settings.



6.1 Configure alarm numbers

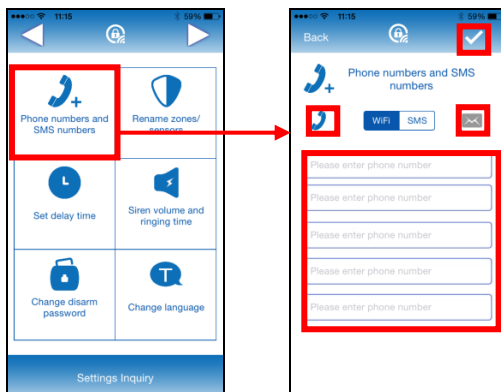
These numbers are the mobile numbers that will receive a text message and/or will be called when the alarm is triggered.



You need to make sure the country code is entered first. For example the country code for the UK is 0044. You can add multiple phone numbers to the list. Send the message when you are finished adding phone numbers.




You can set up to five phone numbers which should receive a text message or should be called during an alarm event.

Remark : Only mobile numbers entered as alarm number can control the alarm system by text message commands or by the APP!

With the EM8615 APP :



Select  to set the phone numbers to receive a phone call on an alarm event. Select  to set the phone numbers to receive a text message on an alarm event.

Choose the type of communication   to set the parameters and press  (upper right corner)

By text message command:

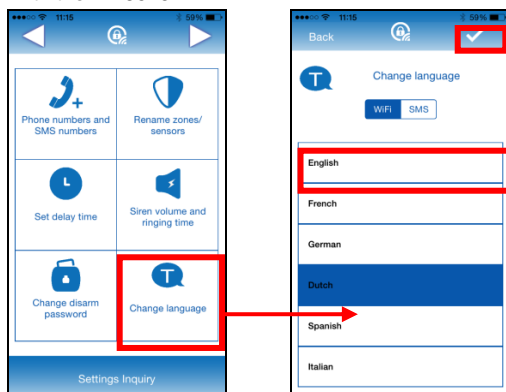
You can also set the numbers by sending a text message with “5” (call) or “6” (text message) to the alarm system. You will receive a text message with the current settings.

Copy the received text into a new text message, modify the text by adding/editing the phone numbers and send the text message back to the GSM-number of the alarm system.

Notice: When configuring 5 numbers without using the APP you will need to send 2 SMS text messages (the maximum amount characters to configure 5 numbers exceeds the maximum amount of characters per default SMS). In this case use the copied text and remove the last row “5.XXXXXXXXXX” and send the SMS. After you received a reply from the alarm “OK” paste the text again and now delete the rows 1. until 4. So only the text “5.XXXXXXXXXX” remains and send the SMS.

6.2 Change language

With the EM8615 APP:



By text message command:

You can also set the language by sending a text message to the number of the alarm system with the 4 digit command:

EN:	0001
-----	------

FR:	0002
NL:	0005
IT:	0006
DE:	0008
ES:	0009

6.3 Alarm notifications

The alarm system will check the programmed phone numbers one by one. Firstly every registered user will get a push notification using the Wi-Fi internet connection. If the alarm system is not disarmed the alarm system will send a text message one by one to the programmed phone numbers. When this is fulfilled the alarm system will start calling the programmed phone numbers. If one of the phone number has the voicemail enabled the system will continue to call the next phone number. Between every text message and phone call there will be a time span of approximately 15 seconds (depending on additional voicemail duration).



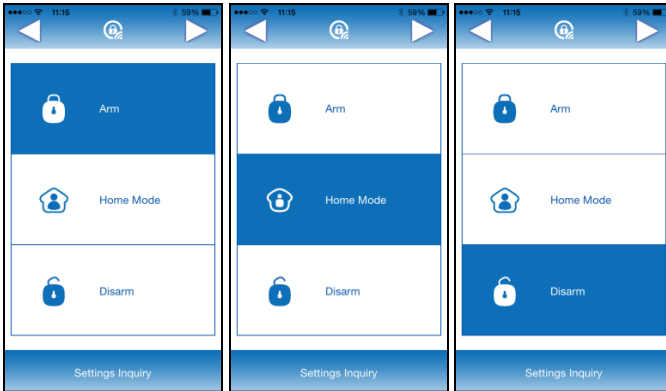
If the alarm system is switched off during the notification process the alarm system will stop sending/calling the remaining phone numbers. For example: Phone number 2 receives a text message notification and switches off the alarm system via the APP phone number 3 will not receive a text message.

6.4 Arm or disarm the alarm system

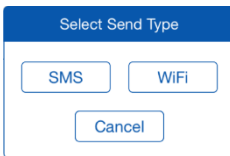
- There are several ways to arm or disarm the alarm system.
- Using the Remote control (see chapter [7.3](#) to [7.7](#))
 - Using the APP (via Wi-Fi or text message)
 - Sending a text message command
 - Calling the alarm system
 - Using the EM8622 (not included please refer to the manual of the EM8622)

6.4.1 By using the APP

1. First select the status you wish to give the alarm system



2. Then select the type of communication you wish to use to set the alarm status SMS or Wi-Fi.



6.4.2 By text message

Disarm the alarm system

You only need to send a text message to the SIM card of the alarm system with the text **0**. You will receive a text message to confirm the system is disarmed (System disarmed).

Arm the alarm system

You only need to send a text message to the SIM card of the alarm system with the text **1**. You will receive a text message to confirm the system is armed (System armed).

Home mode

You only need to send a text message to the SIM card of the alarm system with the text **2**. You will receive a text message to confirm the system is armed (System home mode).

6.4.3 By calling the alarm system

Method 1

When an alarm has been triggered, the control panel dials the pre-stored phone numbers. When you pick up the phone, you can control the panel from distance according to the instructions in the table below).

Command	Function
1	Arms the system
0	Disarms the system and turns the siren off
	Stops monitoring without hanging up
	Stops the phone call function without hanging up
*	Start audio monitoring mode
	Turns off the sirens
6	Turns off the sirens
9	Turns on the sirens (even if the siren volume is set to mute)
#	Turns off the sirens
	Exits control by phone call
	Stop call cycles

Method2

1. Dial the telephone number of the SIM card in your control panel.
2. Wait for the voice message to be fully played you will hear a click, now enter your "Disarm password", followed by "#".

After each key you press on your phone, you hear one beep of confirmation. Wait until you have heard this beep for confirmation before pressing the next key.

3. Select the operations to control the panel (see instructions in the table below).

Remark: The call will end automatically if you do not send any command within 30 seconds.

Command	Function
1	Arms the system
0	Disarms the system and turns the siren off
	Stops monitoring without hanging up
	Stops the phone call function without hanging up
*	Start audio monitoring mode
	Turns off the sirens
6	Turns off the sirens
9	Turns on the sirens (even if the siren volume is set to mute)
#	Turns off the sirens
	Exits control by phone call
	Stop call cycles

Remark: This function will only work when the voicemail of the SIM card is disabled!

6.5 Request the status or settings of the Alarm system.

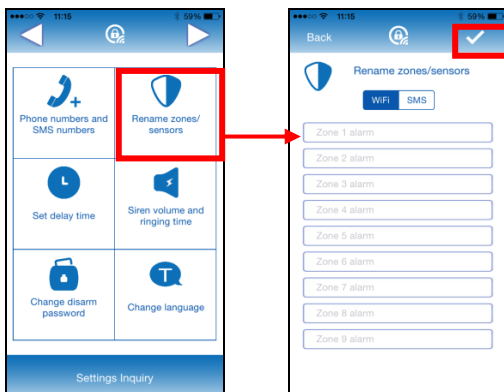
The APP is not updated with every status or setting that is changed on the alarm system. You can update the settings by pressing the **"Synchronize settings"** button.

To request the alarm status by text message you only need to send a text message to the SIM card of the alarm system with the text **00**. You will receive a text message to confirm the system status.

6.6 Change Sensor (zone) name

Every sensor is provided with a zone number. You can change the sensor (zone) name to a preferred name. You can change the name of the sensors 1 to 9. Every sensor name can be used up to 30 characters. The names of the sensors above 9 cannot be changed.

With the EM8615 APP:



The text message to change the name of sensor zone name is "91-99" (9 is the command and the second digit is the sensor (zone) number).

Copy the received text into a new text message, modify the text and send the text message to the GSM-number of the alarm System.

6.7 Low battery warning of a sensor by text message

Notice: This function is only available for sensors with a 2-way communication (example: EM8650). You will receive a text message when the battery level is low. The message will have the following information in the text message: The sensor name (Up to sensor 9) and the text 'Battery low'. Sensors above sensor 9 will be displayed with the sensor number followed with the text 'battery low'.

6.8 Sabotage warning of a sensor by text message

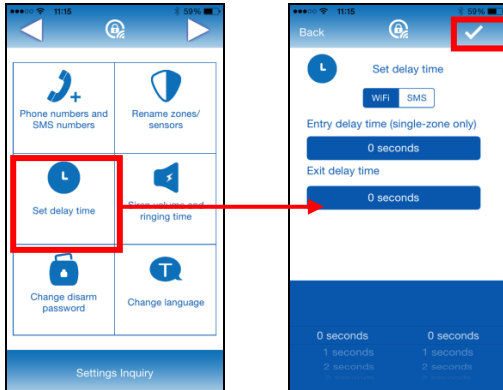
Notice: This function is only available for sensors with a 2-way communication (example: EM8650). You will receive a text message when the sensor has been sabotaged. The message will have the following information in the text message: The sensor name (Up to sensor 9) and the text 'Sabotage alarm'. Sensors above sensor 9 will be displayed with the sensor number followed with the text 'Sabotage alarm'.

6.9 Configure the delay time

When a delay time is set, the alarm system will beep every second as warning of the delay. The last 15 seconds the speed of the beeps will increase.

The delay you can set here is the entry delay (only for sensors configured as single group) and exit delay time (for all sensors configured as normal, home or single group).

With the EM8615 APP:



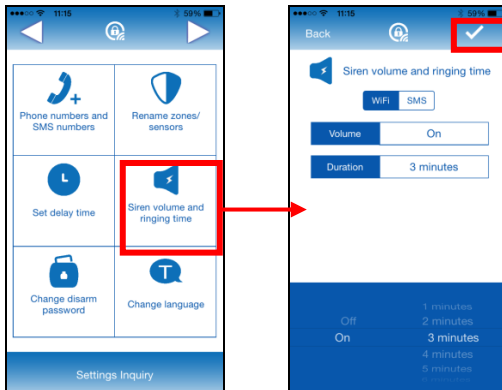
The text message to change the delay time is "11".

Copy the received text into a new text message, modify the text and send the text message to the GSM-number of the alarm system.

6.10 Adjust siren volume and time of alarm

Both settings can be adjusted by this menu.

With the EM8615 APP:



The text message to change the Siren volume and the ringing time is: "12".

Copy the received text into a new text message, modify the text and send the text message to the GSM-number of the alarm system.

6.11 Set ringing time for taking the call (only by text message)

This function enables you to define the number of times the control panel will ring before taking the call. Ring time can be set from 0 to 9. When set to 0 the alarm system will not ring when being called.

The text message to change the number of rings before the alarm system will take the call is: "19".

Copy the received text into a new text message, modify the text from 0 to 9 and send the text message to the GSM-number of the alarm system.

6.12 Call repetition (only by text message)

This function enables you to define the number of times the control panel will redial the phone numbers after the alarm detects an intrusion if the call is not being answered. The number of Call repetitions can be set from 1 to 9.

The text message to change the amount of repetition of the numbers if alarm is not turned off is: "20".

Copy the received text into a new text message, modify the text from 1 to 9 and send the text message to the GSM-number of the alarm system.

6.13 Disarm Password

Here you can set the Password to disarm the Alarm system by dialing the alarm systems phone number (see chapter "[By calling the alarm system](#)").

The text message to change the disarm password is: "13".

Copy the received text into a new text message, modify the text to a 4 digit new password and send the text message to the GSM-number of the alarm system.


6.14 Removing the registered Accessories

To remove all registered accessories from the EM8615 please send a text message to the GSM-number of the alarm system.

The text message to remove all the registered wireless accessories from the alarm system is: "21".

6.15 Restore factory defaults.

Also called hard reset. This needs to be done when, for example, a new SIM card is installed.


Push the  button on the back of the alarm system and press the SOS button on the alarm system simultaneously. Release them after 2 slow and 3 fast beeps. Wait for 10 seconds. If the panel beeps twice the alarm system has been restored to factory defaults.

The text message to restore the alarm system to factory defaults is: "0000".

Remark: After you restored the factory defaults you need to switch the alarm system off and on again!

6.16 Reset Wi-Fi network settings

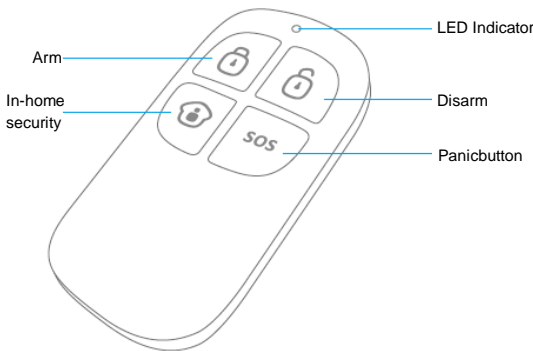
If for some reason the Alarm system can no longer connect to your Wi-Fi you can reconfigure the Wi-Fi settings of the Alarm system. First you need to reset the Wi-Fi settings.

- Press and hold the  button of the alarm system for about 7-8 seconds until you hear 3 beeps.
- Open the APP
- Login to your account
- If the alarm is still listed delete this from the list by swiping to the left.
- Press the button **"Delete"**
- Configure the Alarm system by selecting the device from the device list and hold the button until the configuration setup is shown.
- Press **"Configure Network"**


Remark: After you restored the Wi-Fi network settings you need to switch the alarm system off and on again!

7.0 Remote control

7.1 Front of remote control




7.2 Register a new remote control

1. Push the  button on the back of the alarm system.
2. Now you can register the new remote control by pressing a random button on the remote. If you hear a beep the registration is successful. If you hear 2 beeps then the remote control has already been registered to the system.


7.3 Arm the alarm



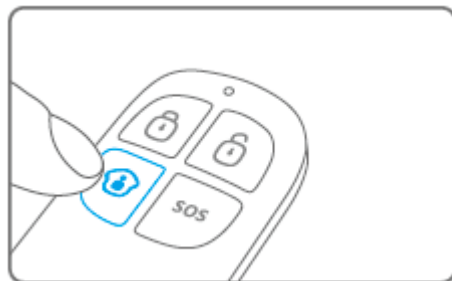
Press  to arm the alarm. The LED indicator will light up shortly and the siren will give a short beep to confirm the system is active.


7.4 Disarm the alarm



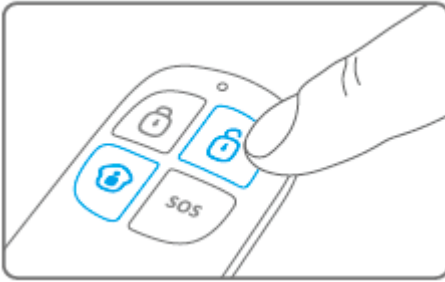
Press  to disarm the alarm. The LED indicator will light up shortly and the siren will beep 2 times to confirm the system is disarmed.




7.5 In-home mode



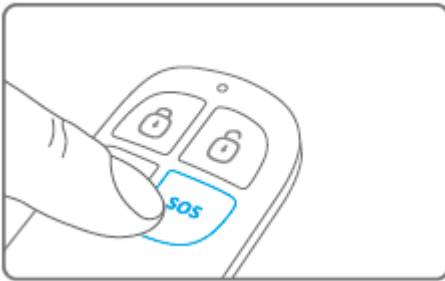
Press . All sensors configured in the normal-group will be enabled; the sensors in the Home-group will stay disabled.

7.6 Silent mode



Press , followed by  or . The alarm system will arm or disarm silently. The external siren will not give an alarm signal. The alarm system can be armed/disarmed without disturbing the other inhabitants. (The alarm system itself will confirm with a short sound signal)

7.7 Panic button



Regardless the status of the alarm; armed or disarmed, by pressing the **SOS** button the alarm system will immediately enable the panic status.

7.8 Replace the battery

It is very easy to replace the battery (CR2025) of the remote control.

Please remove the rubber cap on the backside of the remote control and remove the screw underneath.


Now you separate the front and back panel.

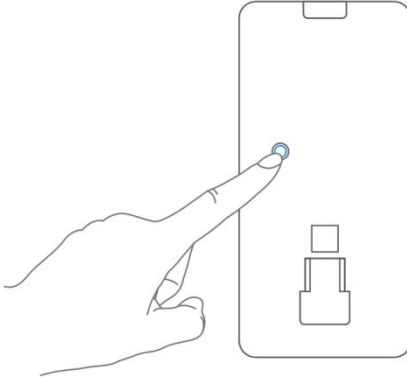
Replace the battery and put the front and back panel back together.

Replace the screw and the rubber cap.

8.0 Install motion detector

8.1 Pair the motion detector

1. Push the  button on the back of the alarm system.
2. Press 2x the test button of the motion detector you wish to register. If you hear a beep the sensor is registered to the system. If you hear 2 beeps this indicates this sensor is already registered.



Notice: During the registration process be sure no other sensor is triggered. If a motion detector is in the same room make sure you cover the motion detector or place the motion detector temporarily in a different room.

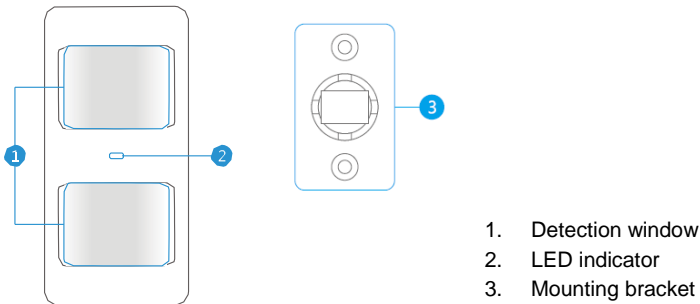
8.2 Test button

After the self-test has finished press the test button once. The motion detector will send a trigger signal (flashes 1x).

8.3 Power saving mode

If the motion sensor is triggered more than 2 times within 3 minutes the device switches automatically to power saving mode. The motion detector will activate again if it does not register motion for a time period of 3 minutes.

8.4 Front of motion detector



LED indicator:

Flashes continuously: Motion detector is performing a self-test

Flashes 1x: Motion detected

Flashes 2x: Self-test completed. Motion detector is active

Flashes once per 3 seconds: Battery power low, exchange battery*

* You will receive a text message if battery level is low. The message contains the following information (up to sensor 9) Sensor name with additionally the text 'battery almost empty'. From sensor 10 the name will be replaced by a zone nr. with additionally the text 'battery almost empty'.

Remark: The motion sensor has an energy saving mode.

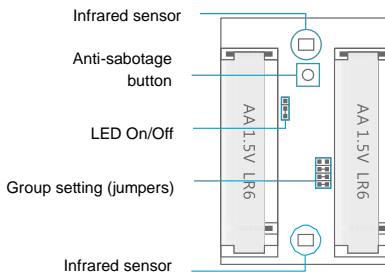
When the sensor is switched on and there is motion detected in the room within 3 minutes, the sensor will go into energy saving mode. This means the sensor is not active.

When, after 3 minutes, there is no motion detected anymore the sensor will be back in active mode.

So when you need to test the sensor, it is very important to wait for at least 3 minutes.

8.5 Inside the motion detector

Remove the screw on top of the motion detector and gently remove the front and back.



8.5.1 Infrared sensors

The infrared sensors detect the motion. These sensors need to be clean at all time. Do not touch the sensors!

8.5.2 Anti sabotage button

If the motion detector is opened this switch will detect it and trigger the alarm.

8.5.3 LED On/Off

By switching this jumper setting you can set if the LED in front of the motion detector will be switched "On or Off". By default this setting is turned ON (LED ON).

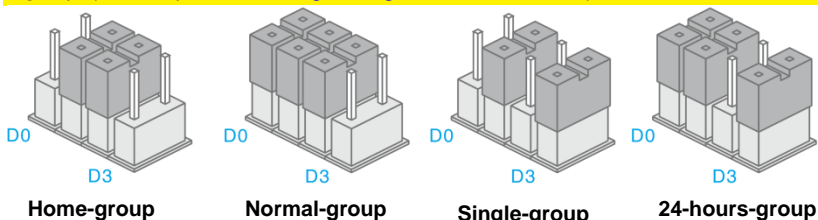
8.5.4 Group settings (jumpers)

Every sensor can be configured to be added to a dedicated group by setting the jumper settings; home-group, normal group, single or 24-hours group.

Bellow you will see an overview of the meaning and how to configure the jumper settings for that type of zone.

Remark: Determine before pairing with the alarm system in which group the sensor will be operational. Once the sensor is successfully paired with the system. The group cannot be changed after pairing!

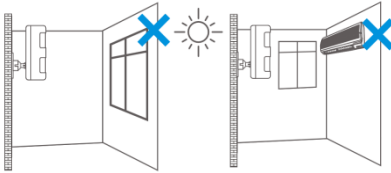
*Remark: If the group of a sensor needs to be changed, **all sensors** need to be paired with the alarm system once more. It is not possible to remove one single sensor from a group! (See chapter "[Removing the registered Accessories](#)")*



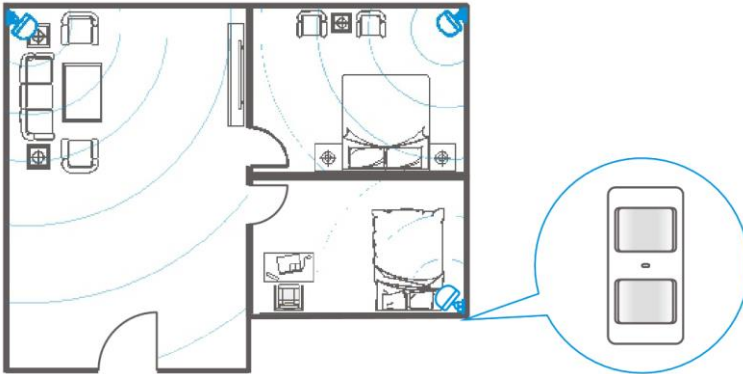
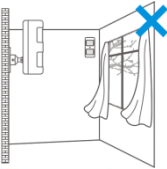
Remark: It's recommended to install detectors that need to be operational 24-hours, for example smoke detectors, in the 24-hours-group.

8.6 Installation tips

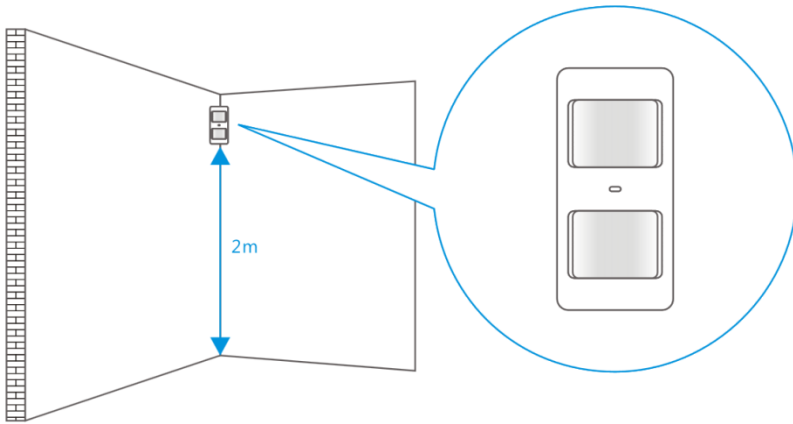
Avoid installation of the motion detector in range of a window, air-conditioning, radiator, refrigerator, oven, direct sunlight or other places with high temperature fluctuation.



Do not place 2 motion detectors facing each other or within each other's range.

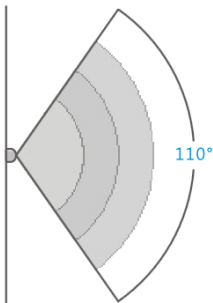
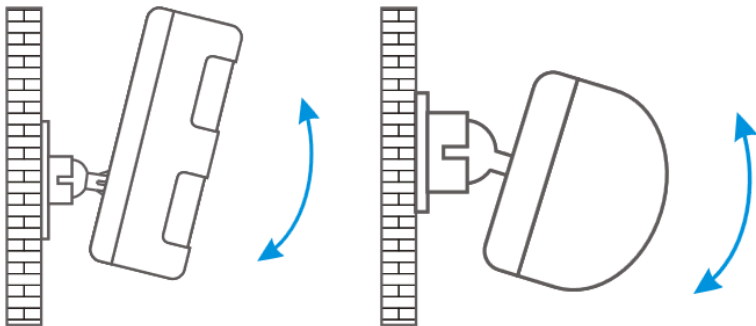


Motion detectors are usually placed at 2 meters from the floor on the wall.

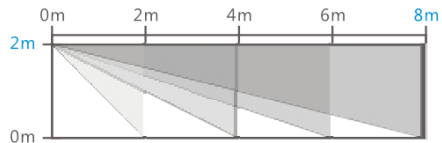


First install the mounting bracket before placing the motion detector in the bracket.

Point the detector in the direction you wish to secure. Test if the motion detector is working properly in test mode (see chapter "[Test the motion detector](#)").



Top view



Side view

8.7 Test the motion detector


1. After you fully installed the motion detector and the self-test is completed you can test the motion detector by walking within the range of the motion detector from one side to the other side.
2. The LED indicator of the motion detector will flash if motion is detected.
3. Adjust the motion sensor to get the best results. And repeat the test.

Notice: The motion detector has an energy saving mode. If the sensor is active and the motion detector registers 2 motion within the registered 3 minutes the sensor will go in sleep mode; not active.

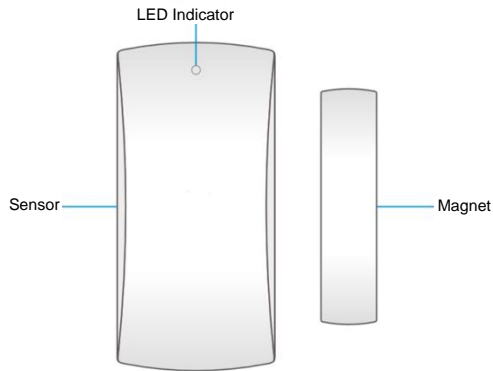
After 3 minutes the sensor will check if there is still motion detected if no motion is detected the motion detector will be active again. To test the motion detector please make sure the motion detector has not registered any motion during 3 minutes before you test the motion detector!

9.0 Install the Window/Door sensor

9.1 Register the window/door sensor

1. Make sure the sensor and the magnet are located next to each other.
2. Push the  button on the back of the alarm system.
3. Now separate the magnet from the sensor. The sensor will be triggered. If you hear a beep the sensor is registered to the system. If you hear 2 beeps this indicates this sensor is already registered.

9.2 Front window/door sensor



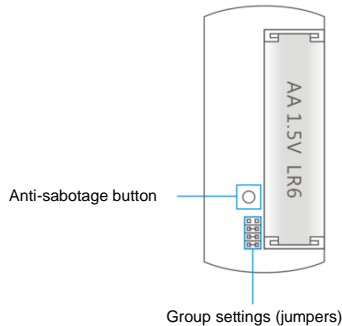
LED indicator:

Flashes 1x: Window/Door is detected as open.

Flashes quickly: Battery power low, exchange battery*

* You will receive a text message if battery level is low. The message contains the following information (up to sensor 9) sensor name with additionally the text 'battery almost empty'. From sensor 10 the name will be replaced for a zone nr. with additionally the text 'battery almost empty'.

9.3 Inside the window/door sensor



9.3.1 Anti sabotage button

If the sensor is opened this switch will detect it and trigger the alarm.

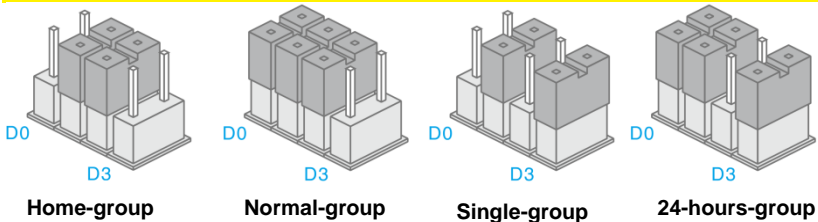
9.3.2 Group settings (jumpers)

Every sensor can be configured to be added to a dedicated group by setting the jumper settings; home-group, normal group, single or 24-hours group.

Bellow you will see an overview of the meaning and how to configure the jumper settings for that type of zone.

Remark: Determine before pairing with the alarm system in which group the sensor will be operational. Once the sensor is successfully paired with the system. The group cannot be changed after pairing!

*Remark: If the group of a sensor needs to be changed, **all sensors** need to be paired with the alarm system once more. It is not possible to remove one single sensor from a group! (See chapter "[Removing the registered Accessories](#)")*

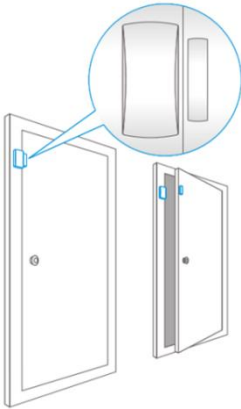


Remark: It's recommended to install detectors that need to be operational 24-hours, for example smoke detectors, in the 24-hours-group.

9.4 Installation tips

It's recommended to install the sensor on the frame (no movement) and to install the magnet on the door/window itself.

Notice: The magnet needs to be placed on the right side of the sensor. The red LED will light up every time the door/window is opened!



The distance between the sensor and the magnet must not exceed 1cm.

Mount both parts with the supplied double-sided tape. You can also choose to mount the sensor by using screws.

It's not recommended to install the sensor in a room with a lot of metal. Neither mount the sensor on constructions. Always check if the red LED will turn on when the door /window is opened.

10.0 Technical specifications

10.1 Alarm system

Power supply	110 – 240V AC 50-60Hz
Output	12V DC 800mAh
Mobile GSM frequency	850 / 900 / 1800 / 1900Mhz
Wi-Fi support	802.11b/g/n
Stand-by current	60mA
Alarm current	120mA
Back-up battery	Lithium-Ion battery 7,4V 500mA rechargeable
Internal siren	90dB
Maximum amount of sensors	10 x Remote controls 100 x Sensors
Sensor frequency	315MHz / 433MHz (± 75 KHz)
Temperature	-10 to 55 degrees Celsius
Humidity	< 80% (no condensing)
Dimensions Alarm system WxHxD	35 x 150x141 mm
Dimensions Stand WxHxD	50 x 8 x 160 mm

10.2 Remote control

Power supply	3V DC (1 x CR2025 button battery)
Stand-by current	<10 uA
Operation current	<7 mA
Frequency remote	433MHz
Temperature	-10 to 55 degrees Celsius
Humidity	< 80% (no condensing)
Dimensions WxHxD	31 x 57 x 11 mm

10.3 Motion detector

Power supply	3V DC (2 x AA 1,5V LR6)
Stand-by current	<30uA
Alarm current	<15mA
Detection reach	8 meter / 110 degrees
Wireless reach	Max. 80 meter (open field)
Frequency sensors	315MHz / 433MHz
Temperature	-10 to 55 degrees Celsius
Humidity	< 80% (no condensing)
Dimensions motion detector WxHxD	52 x 108 x 37 mm
Dimensions mounting bracket WxHxD	52 x 30 x 26,5

10.4 Window/door contact

Power supply	1,5V DC (1 x AA 1,5V LR6)
Stand-by current	<30uA
Alarm current	<40mA
Wireless reach	Max. 80 meter (open field)
Frequency sensors	433MHz
Temperature	-10 to 55 degrees Celsius
Humidity	< 80% (no condensing)
Dimensions sensor WxHxD	34 x 70 x 17,5 mm
Dimensions magnet WxHxD	12 x 51 x 13,5 mm

11.0 Frequently Asked Questions and other related information

The latest Frequently asked questions for your product can be found on the support page of your product. Eminent will update these pages frequently to assure you have the most recent information. Visit www.eminent-online.com for more information about your product.

12.0 Service and support

This user manual has been carefully written by Eminent's technical experts. If you have problems installing or using the product, please fill out the support form at the website www.eminent-online.com/support.

You can also contact us by phone. Please check www.eminent-online.com/support for the helpdesk phone number and opening hours.

13.0 Warning and points of attention



Due to laws, directives and regulations set out by the European parliament, some (wireless) devices could be subject to limitations concerning its use in certain European member states. In certain European member states the use of such devices could be prohibited. Contact your (local) government for more information about this limitations.

Always follow up the instructions in the manual*, especially where it concerns devices which need to be assembled.

Warning: In most cases this concerns an electronic device. Wrong/improper use may lead to (severe) injuries!

When you connect the device to the mains, make sure it will not be damaged or subject to (high) pressure.

A power socket is needed which should be close and easy accessible from the device.

Repairing of the device should be done by qualified Eminent staff. Never try to repair the device yourself. The warranty immediately voids when products have undergone self-repair and/or by misuse. For extended warranty conditions, please visit our website at www.eminent-online.com/warranty.

Dispose of the device appropriately. Please follow your countries regulation for the disposal of electronic goods.

Please check below safety points carefully:

- Do not apply external force on the cables
- Do not unplug the device by pulling the power cable
- Do not place the device near heating elements
- Do not let the device come in contact with water or other liquids
- If there is any strange sound, smoke or odor, remove the device immediately from the power outlet.
- Do not put any sharp objects into the venting hole of a product
- Do not use any damaged cables (risk of electric shock)
- Keep the product out of reach of children
- Wipe off the product with soft fabric, not water mop.
- Keep the power plug and outlet clean
- Do not unplug the device from the power outlet with wet hands
- Unplug the device when you don't use it for a long time
- Use the device at a well ventilated place

**Tip: Eminent manuals are written with great care. However, due to new technological developments it can happen that a printed manual does not longer contain the most recent information. If you are experiencing any problems with the printed manual or you cannot find what you are looking for, please always check our website www.eminent-online.com first for the newest updated manual.*

Also, you will find frequently asked questions in the FAQ section. It is highly recommended to consult the FAQ section. Very often the answer to your questions will be found here.

14.0 Warranty conditions

The five-year Eminent warranty applies to all Eminent products, unless mentioned otherwise before or during the moment of purchase. After buying a second-hand Eminent product the remaining period of warranty is measured from the moment of purchase by the product's initial owner. Eminent warranty applies to all Eminent products and parts, indissolubly connected or mounted to the product it concerns. Power supply adapters, batteries, antennas and all other products not directly integrated in or connected to the main product or products of which, without reasonable doubt, can be assumed that wear and tear during use will show a different pattern than the main product, are not covered by the Eminent warranty. Products are not covered by the Eminent warranty when exposed to incorrect/improper use, external influences or when opening the service parts of the product by parties other than Eminent. Eminent may use refurbished materials for repair or replacement of your defective product. Eminent cannot be held responsible for changes in network settings by internet providers. We cannot guarantee that the Eminent networking product will keep working when settings are changed by the internet providers. Eminent cannot guarantee the working of web services, apps and other third party content that is available through Eminent products. Eminent products with an internal hard disk have a limited warranty period of two years on the hard disk. Eminent could not be held responsible for any data lost. Please make sure that if the product stores data on a hard drive or other memory source, you will make a copy before you return the product for repair.

When my product gets defective

Should you encounter a product rendered defective for reasons other than described above: Please contact your point of purchase for taking care of your defective product.



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