



EM6592 e-Domotica Flood Sensor

English manual

EM6592 e-Domotica Flood Sensor

Table of contents

1.0 Introduction.....	2
1.1 Functions and features	3
1.2 Packing contents.....	3
2.0 Installing the batteries	3
3.0 Assigning the EM6592 Flood Detector to an e-Centre	5
4.0 Setting up the EM6592 Flood Detector as an alarm sensor and add a scene.	6
5.0 Setting up the EM6592 Flood Detector on the e-Domotica Portal	7
5.1 Adding Contact persons	7
5.2 Setup notifications to Contact persons.....	8
5.3 Assigning a camera to the Water alarm	9
6.0 Mounting the EM6592 Flood Detector.....	9
6.1 Mounting the wall bracket and transmitter	9
6.2 Mounting the sensor head and cable	10
7.0 Testing the Flood Detector.....	11
8.0 Z-wave commands	11
9.0 Frequently Asked Questions.....	12
10.0 Service and support	12
11.0 Warning and points of attention	12
12.0 Warranty conditions	13
13.0 Declaration of Conformity	14

1.0 Introduction

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

1.1 Functions and features

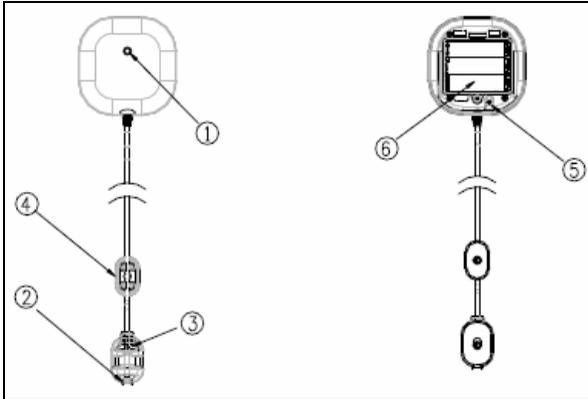


Image 1

1. Two-color Indication LED (red & green)
2. Sensor head
3. Sensor rack
4. Flood sensor cable rack
5. Link key
6. Battery compartment

The EM6592 Flood Detector senses the presence of flood in basements, bathrooms, toilets, kitchens, fire-rooms and many others areas, providing early warning of developing floods.

The EM6592 Flood Detector is part of the e-Domotica home automation system. The EM6592 flood detector will also warn you when your aquarium, bathtub, pool or other reservoir, is filled till the desired level.

1.2 Packing contents

The following parts need to be present in the packing:

- EM6592 Flood Detector with wall bracket
- User manual or quick install guide
- 3x 1.5V batteries
- Mounting materials with screws and adhesive pads

2.0 Installing the batteries

Before usage, the batteries need to be installed in the housing of the Flood Detector itself. Use the following steps to install the batteries properly.

1. Take the EM6592 out of the package.
2. Take the supplied batteries out of the package.
3. Undo and remove the screw from the bottom edge of the EM6592. Remove the back cover, as shown in the following image:

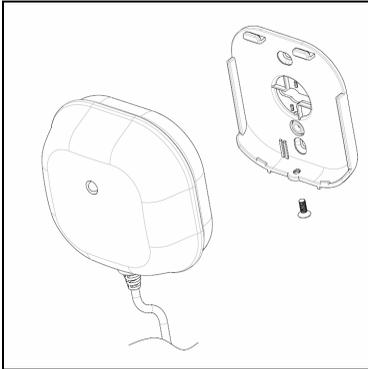


Image 2

4. Undo and remove the screw from the battery compartment and open the compartment.
5. Gently place the three batteries to the battery compartment
6. Put the battery compartment cover back to the compartment and fix the cover with the screw. Refer to the following image:

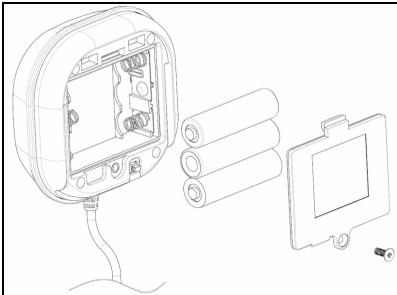


Image 3

7. Do NOT place the bracket cover on the EM6592 back yet because we need to access the white button.
8. If correct, the status LED will start to blink and the Flood Detector will beep every 10 seconds.

3.0 Assigning the EM6592 Flood Detector to an e-Centre

Note that you might need to enable the checkbox 'Normal/High Power' just below the 'Include' button on the 'e-Domotica Products' page of your e-Centre. This option is available to be able to include devices on a greater range. For example, your e-Centre is located in the living room and the EM6592 is located in the cupboard of your house.

1. Make sure your computer is completely started.
2. Open your computer's web browser.
3. Enter "http://ecentre" in the address bar of your web browser and press the 'Enter' key on your keyboard.
4. The webpage of the e-Centre will be shown. If the Wizard is started, click 'Exit Wizard'.
5. Go to the 'e-Domotica Products' page.
6. Click the 'Include' button. The e-Centre will start to search for new e-Domotica devices.
7. Press the button on the flood detector three times, as shown in the image below:

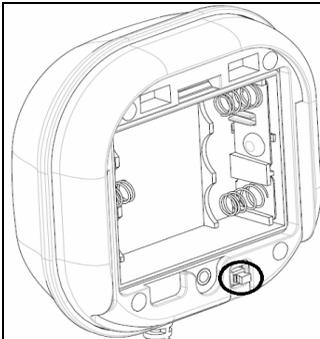


Image 4

8. A message will appear: 'Product found'.

If the device is not found, press the 'Exclude' button in the e-Centre's webpage and then click the button on your switch. After this procedure you can add the new device correctly.

9. Give the connected and found device a name, choose a location and click 'Save'.
10. The EM6592 has been added to the e-Centre. The e-Centre will now be able to control the EM6592.

4.0 Setting up the EM6592 Flood Detector as an alarm sensor and add a scene.

When the EM6592 flood detector detects water or some other humidity, the selected scene will be triggered. For example, if you have defined a scene called 'All On' which switches all lamps on in your house, you will be able to find your way out of your house once the sensor head detects a flooding.

Or, if you want to know if your washer may overflow, it is not really relevant to activate all lights. You just want to receive a SMS or phone call/message. The settings of how to receive these warnings are fully explained in this manual, chapter 5.0.

How to add a scene in the webpage of the e-Centre is fully explained in the manual of the EM6505.

Refer to image 5 below (example settings) when following the steps below, in order to setup the required settings in the Water alarm page of the e-Centre.

Settings	
Alarm name	<u>Water alarm</u>
Alarm sensors	
Select one or more sensors from the list below, to be used in this alarm group.	
<u>Sensor</u>	<u>Type</u>
<input checked="" type="checkbox"/> Flood Detector	e-Domotica Flood Detector
Alarm events	
<u>Alarm event</u>	<u>Scene</u>
Alarm fired	All On
Siren settings	
Siren sound	Sound 1 
Siren sound duration	1 Minutes
Siren count	1
e-Domotica Portal settings	
<input checked="" type="checkbox"/> Connect this alarm to the e-Domotica portal, to notify contact persons and/or record a video stream when using an e-Domotica IP camera.	
<input type="button" value="Save"/>	<input type="button" value="Cancel"/>

Image 5

1. Click 'Alarm Settings' in the webpage of the e-Centre.
2. Click at the right of the option 'Water alarm' on the 'Edit' button 
3. Select one or more flood detectors for this water alarm.
4. Alarm events: You can use a scene to be triggered on different events.

- a. Alarm fired:
When one or more flood detectors detect some kind of humidity, the selected scene will be triggered. For example, if you have defined a scene called 'All On', which switches all lamps on in your house, you will be able to find your way out of your house once the flood detector detects a flooding.
5. Siren settings: The e-Centre has a siren function with several sounds and settings you can change.
 - a. Siren sound: Select one of the 5 sounds to be played once this alarm is triggered.
 - b. Siren sound duration: Change this setting if you want to have the siren to go off a longer or shorter period (in minutes).
 - c. Siren count: The number of times the siren should go off.
6. Portal settings: Enable this option if you want to send a signal to the e-Domotica Portal once a water alarm is detected. This allows you to notify yourself and/or contact persons about the water alarm.
This option is only possible if your e-Centre is connected to the internet and registered on the portal.
7. Click Save to save the settings. You will return to the previous page automatically.

5.0 Setting up the EM6592 Flood Detector on the e-Domotica Portal

The EM6592 Flood Detector can be used with the e-Domotica Portal. This allows you to notify yourself and other contact persons, once the Water alarm is fired.

This option is only possible if your e-Centre is connected to the internet and registered on the portal. Also, you need to have added at least one (1) contact person for reference.

Log in to the portal with your username and password. Click in the left menu on the option 'Alarm setup'.

Click on the "Change" button () at the right hand-side of the Water alarm. The following options appear: "Contact persons", "Notifications" and "Assign camera". Refer to the following image:



Image 6

5.1 Adding Contact persons

When you have added one or more contact persons during the first setup of your e-Centre (refer to the manual of the EM6505, these contact persons are noticed here. Refer to the following image for an example:

Image 7

Select one or more contact persons under 'Available contact persons' and use the 'Add' button to change them to the right side, under "Selected contact persons". You can also drag and drop the contact persons from left to right and in reverse, using your mouse.

Click 'Save and continue'.

5.2 Setup notifications to Contact persons

On this tab, you can decide in which ways the contact persons may be notified, in case an alarm is fired. Refer to the following image for an example:

Title	Firstname	Sur name	Phone	Mobile/SMS	Email
Mr	John	Smith	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Image 8

Check the options you want to use for the contact person(s). In this example, Mr. John Smith will be notified by phone, SMS and email.

Click 'Save and continue'.

5.3 Assigning a camera to the Water alarm

On this tab, you can assign an e-Domotica camera to the Water alarm. Refer to the following image for an example:

The screenshot shows a web interface for configuring a water alarm. At the top, there's a red header with the text 'Alarm setup - Water alarm'. Below the header, there are three tabs: 'Contact persons', 'Notifications', and 'Assign camera'. The 'Assign camera' tab is selected. Underneath the tabs, there's a section for 'Alarm group' which is set to 'Water alarm'. Below that, there's a 'Camera' dropdown menu with 'Testcamera - Office' selected. At the bottom of the form, there are two buttons: 'Save' on the left and 'Save and finish >' on the right.

Image 9

When a Water alarm is fired, the e-Centre will send the recorded images from the selected camera to the e-Domotica Portal. These images will be stored on the e-Domotica Portal, under the tab 'Recordings' in the left menu. This way, you can check instantly if the alarm notification is real or maybe false.

Select the camera in the dropdown menu.

Click 'Save and finish' to save your configuration and finish the wizard.

In the manual of the EM6505, assigning the e-Domotica IP camera EM6561 to the e-Centre is fully explained.

6.0 Mounting the EM6592 Flood Detector

After the EM6592 is assigned to your e-Centre and has been setup in the e-Domotica Portal, it is time to mount the device to a wall or ceiling.

A bracket is provided, which allows you to mount the flood detector to the wall or ceiling. Use the following steps to mount the wall bracket.

6.1 Mounting the wall bracket and transmitter

Refer to the image at the right in order to mount the bracket and transmitter correctly, following the steps below: Also, you can use image 1 (chapter 1.1) for reference.

1. You can choose to mount the transmitter to the wall either by using 2 screws or using the included adhesive pad. Choose a correct location for the flood detector transmitter. We advise to mount the flood detector transmitter at least 1.5 meter above ground for optimal wireless communication and to avoid the flood detector transmitter come into contact with flood. The transmitter should never be submerged in flood. The cable length from the transmitter to the sensor head is 3 meters.
2. If you did not remove the bracket of the transmitter yet, remove the bracket (2) of the transmitter (6). This bracket has several holes for screws.
3. Apply the bracket to the wall or ceiling and mark the spots for the two drilling holes. Or you can use the adhesive pads instead of screws.
4. Now drill the two holes and fill them with the supplied plugs (1).
5. Mount the wall bracket (2) by using the two supplied screws (5) and carefully tighten the screws.
6. Once the bracket has been mounted, you can place the EM6592 transmitter on the bracket by sliding it from the top down. Fix the bracket to the transmitter by fastening the screw (7) at the bottom.

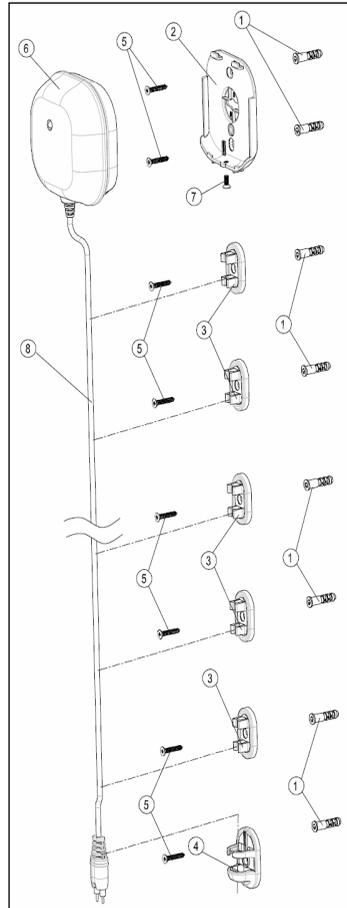


Image 10

6.2 Mounting the sensor head and cable

1. It is recommended to mount the sensor head at the lowest level of the floor, where you might expect a flooding. For example, if your washer is located in the basement, you can mount the sensor head at the lowest point, near to the washer.
2. Mount the sensor head (refer to image 1, chapter 1.1) on the desired position on the wall with the sensor clip (4), using the adhesive pad or using a screw (5).
3. Mount the cable clips on the wall between the transmitter and the sensor head. Each cable clip (3) can be mounted either with a screw or with an adhesive pad.
4. Click the cable in the cable clips. If the cable is too long, you can roll up the cable.

Warning: We advise to mount the flood detector transmitter at least 1.5 meter above ground for optimal wireless communication and to avoid the flood detector transmitter come into contact with flood. The transmitter should never be submerged in flood!

7.0 Testing the Flood Detector

Now the flood detector has been assigned to your e-Centre, has been setup as an alarm sensor for the Water alarm and is mounted on its place, you can test the flood detector.

Fill a small cup with water and insert the sensor head pins into the water. If correct, the flood detector will give a beep sound and the orange LED will be flashing. The e-Centre will be triggered and start the Water alarm, depending on the settings you have made in the e-Centre's webpage.

If you have assigned a siren (such as the EM6575) to the e-Centre, the siren will also make a sound, depending on the settings you have made for this product in the e-Centre's webpage and the portal.

Depending on the settings on the e-Domotica Portal, you (and/or added contact persons) will receive notifications via phone, SMS and/or e-mail.

Tip: If you or your contact persons do not receive any notifications at all, please check your settings in the webpage of the e-Centre and in the e-Domotica Portal.

8.0 Z-wave commands

Inclusion:

Have your Z-wave Controller entered inclusion mode; press the On/Off button of the Built-In switch three times.

Exclusion:

Have your Z-wave Controller entered exclusion mode; press the On/Off button of the Built-In switch three times. Once the node has been excluded, the LED will go into an interval of two seconds on and two seconds off.

Reset:

Press the On/Off button three times to enter inclusion mode. Within one second, press On/Off button again until LED is off. The home ID and node ID will be cleared and reset to factory default

9.0 Frequently Asked Questions

The latest frequently asked questions for your product can be found on the support page of your product. e-Domotica will update these pages frequently to assure you have the most recent information. Visit <http://www.e-domotica.com/en/tips-and-advice> for more information about your product.

10.0 Service and support

This users manual has been carefully written by e-Domotica technical experts. If you have problems installing or using the product, please fill out the support form at the website <http://www.e-domotica.com/en/customer-service>.

You can also contact us by phone. Below you will find a list with phone numbers for each supported country.

Country	Phone number	Rate per minute*
Belgium (Dutch)	070 277 286	€0.30
Belgium (French)	070 277 286	€0.30
Denmark	+45 69918565	Local costs
Finland	+35 8942415826	Local costs
Germany	+49 (0) 2336 4745 17	Local costs
Italy	+39 0240042016	Local costs
Norway	+47 21075033	Local costs
Spain	807 080 042	€0.41
Sweden	+46 840 309985	Local costs
The Netherlands	0900-3646368	€ 1.00 per call
UK	+44 (0)203 318 9998	Local costs

* Rates mentioned in this table do not include cell phone charges.

11.0 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!

Repairing of the device should be done by qualified e-Domotica staff. The warranty immediately voids when products have undergone self repair and/or by misuse. For extended warranty conditions, read the next chapter.

**Tip: e-Domotica 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 can not find what you are looking for, please always check our website www.e-domotica.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.

12.0 Warranty conditions

The five-year e-Domotica warranty applies to all e-Domotica products unless mentioned otherwise before or during the moment of purchase. When having bought a secondhand e-Domotica product the remaining period of warranty is measured from the moment of purchase by the product's first owner. The warranty applies to all e-Domotica products and parts inextricably connected to and/or mounted on the main product. Power supply adapters, batteries, antennas and all other products not integrated in or directly connected to the main product and/or products of which, without reasonable doubt, can be assumed that wear and tear show a different pattern than the main product are not covered by the e-Domotica warranty. Products are not covered by the warranty when subjected to incorrect/improper use, external influences and/or when opened by parties other than e-Domotica.

13.0 Declaration of Conformity

To ensure your safety and compliance of the product with the directives and laws created by the European Commission you can obtain a copy of the Declaration of Conformity concerning your product by sending an e-mail message to: info@e-domotica.com. Clearly state 'Declaration of Conformity' and the article code of the product of which you would like to obtain a copy of the Declaration of Conformity.



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