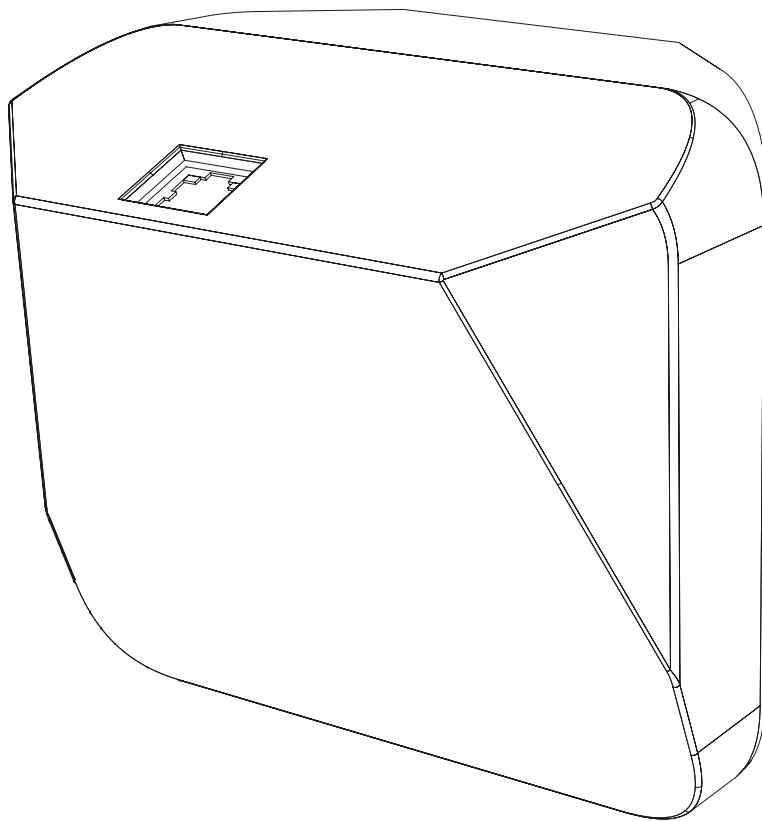


EAZENSE

Setup and installation guide



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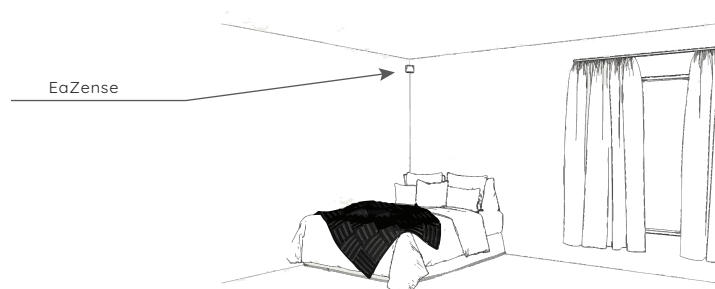
1. MOUNTING AND SETUP

1.1 Introducing EaZense

EaZense is designed to detect, record and log varies degrees of activity in a room, and to notify if a certain level of activity is constantly exceeded for a certain period of time. For technical support: support@raytelligence.com.

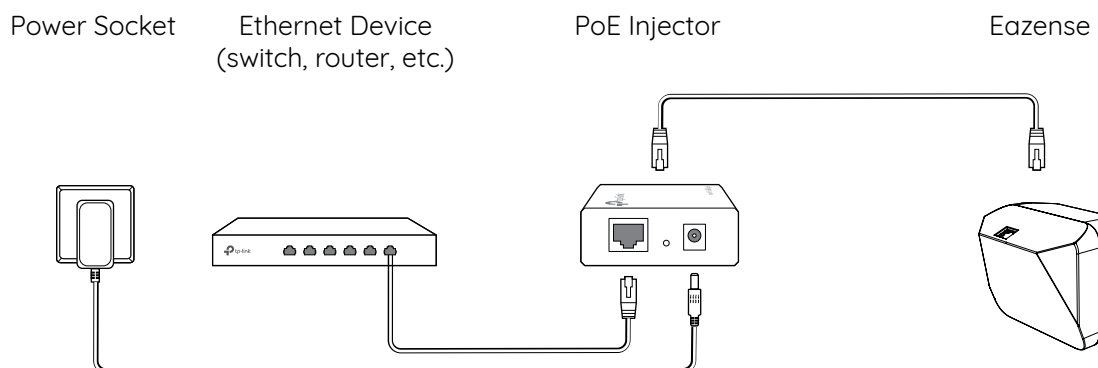
1.2 Mounting EaZense on the wall

To mount EaZense choose the corner, or the nearest corner where the bed is placed. Then take the guide template from the box and place it 2.2m from the floor. Use the circles on the template as indication where to place the screws. Mount the screws so they protrude approximate 10 mm.



1.3 Connecting EaZense to the internet and a power source.

Connect an Ethernet cable from the sensor (Eazense) to the PoE injector. Then connect the PoE injector to its power source and to an ethernet device. (See the image below. *Image is from tp-links PoE injector manual*) Once connected to a power source Eazense is online and are ready to be used.



For mor information on tp-links PoE injector please check the link below:

https://static.tp-link.com/2020/202007/20200706/7106508857_TL-POE150S&10R&160s_IG.pdf

2. INTERFACES

For security and practical reasons the EaZense system uses two interfaces:

- Staff interface. This is the interface for the end user e.g. a home care worker or a nurse.
- Admin interface. This is the controlling interface for e.g. a home care manager or administrator.


2.1 Admin interface

The Admin interface is where the administrator creates groups, staff users, assigns sensors and assign users to responsibilities for groups.


The interface consists of the following:


- Log in and log out.
- Home/group view
- Manage and add groups
- User view
- Manage and add users
- Settings/sensor view
- Log activity view


2.1.1 Log in and log out.

To log in to the admin interface, the administrator will be provided a username and password from Raytelligence or the system provider. The log in address for the admin interface is *portal.eazense.com/eaadmin*. We assume that all terminals (telephones, tablets) have their own security and that the staff has security directives not to leave terminals to unauthorized personnel or other third parties. The admin can log out by clicking the menu bars  (top left corner) and then click the text *log out*.

2.1.2 Home/group view

The first time the administrator uses the interface the  view will be empty except for a plus/add icon. Here the admin will be able to create the groups of rooms/room which they monitor and assign users and a sensor to.


When he/she clicks on the add (plus) icon the admin will be redirected to the create group view where he/she will be able to name and create a new group. Once a group is created it will show in the  view. To assign a sensor to a room the admin first clicks on the group to access the show room view which is empty. He/she then clicks the add (plus) icon and enters the Add room view from where the admin can add an available sensor, assign users to the room and name it.

By saving the room the assigned sensor is now live and will be able to send notifications to the assigned users. The admin will be able to see what status the installed sensors have both in the  view, show group view and the sensor view.



While in the Show group view a sensor with a green dot is Online and functioning as it should, a sensor with a gray dot is on but is not monitoring and a sensor with a red dot indicate it is turned off or is malfunction.

When there is a sensor error or a sensor shut down a notification will be sent to the assigned users as a text message making them aware that the sensor is not Online.

In the Show group view the admin will be able edit the room name by clicking on the pen icon.


In the  view when groups are created, they will show up with their name and how many rooms that are Online and off-line. The green number indicates how many rooms are Online and the gray number indicates how many sensors are off-line.

2.1.3 Staff view

Under the  icon on the bottom menu bar is the staff view, from here the admin can add/remove users and edit their profiles. By clicking on the add icon the administrator will be redirected to the add/edit user view, here he/she can create a user. When creating a user then he/she assigns a username for logging in, a password, a phone number, which will be used for receiving notification text messages. Finally the user will be assigned the group/groups that is his/hers responsibility. Once the user is created he/she appears in the user view and are edit-able in the  view by clicking the pen icon.

The user status is displayed by a green dot (logged in) or gray dot (logged out) in front of their name.

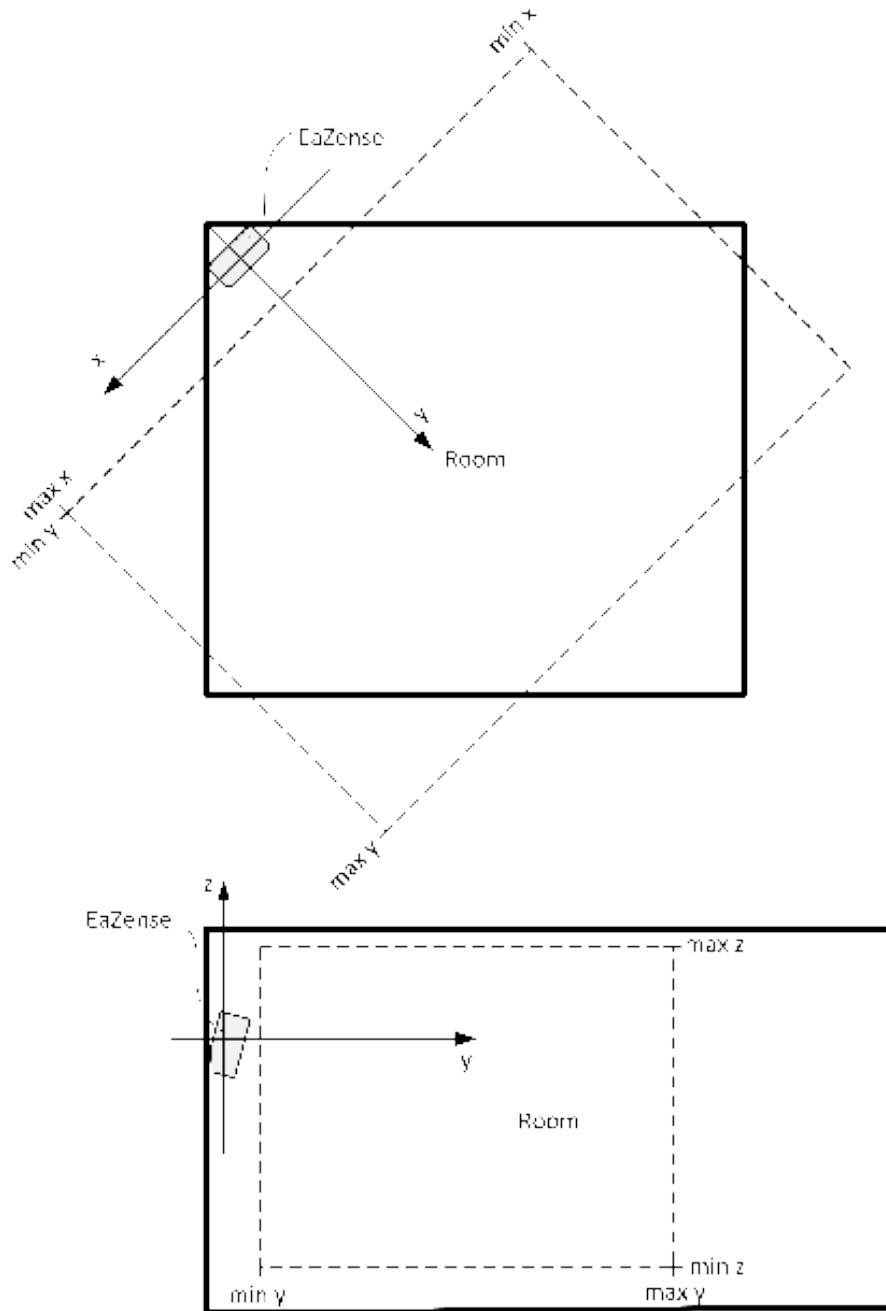
2.1.4 Sensor view

The  icon represents the list of EaZense sensors that has been installed. The status of the sensors are as follows: a green dot for Online, and a red dot for off-line/no power.

By clicking on a sensors pen icon the administrator will be redirected to edit sensor view. Here the admin will be able to set a number of activity tuning parameters. As of present release only the first two parameters are available for editing.


By default the sensors activity threshold is set to 1 which is the most sensitive setting. By increasing the number the sensor will be less sensitive. We recommend that the user keeps the activity threshold between 1-100.

To restore the default settings the administrator may click the reset button at the top of the screen.



Sensor coordinate system overview.

2.1.5 Download activity log view

In the Download activity log view represented by a  icon the admin will get two options, he/she can download an activity log with all activities for all sensors, or a notification log with all notifications logged for all sensors.


By clicking one of the options he/she starts to download an excel-file with the chosen information.

2.2 Staff Interface


The Staff interface is controlled by the admin interface. The interface consists of the following parts.

- Log in and log out.
- Home/room view
- User view
- Notification view
- Activity log view

2.2.1 Log in and log out.


To log in to the user interface, the user will be provided with a username and password from the administrator/system manager. The log in address for the staff interface is portal.eazense.com/eastaff. We assume that all terminals (telephones, tablets) have their own security and that the staff has security directives not to leave terminals to unauthorized personnel or other third parties. The user can log out by clicking the menu bars  (top left corner) and then click the text *log out*.

2.2.2 Home/room view and Activity mode

Home/Room view is indicated by the  icon. In this view the groups of rooms are shown that the administrator has created and assigned to the specific user. The user can only see the groups that the admin has allowed him/her to see. In the home view the user will be able to interact with the different rooms, by clicking once on a room you will set the sensor in log mode. Log mode is when the sensor starts to record the motion activity. Clicking a second time on the same room will trigger that room to send notifications if a person is moving around above the set activity threshold. By clicking a third time the sensor goes back to its inactive mode. All modes will trigger a notification if a person is laying on the floor.

In its inactive mode the sensor will only send a notification if the sensor stops functioning or if a person is laying on the floor.

2.2.3 User view

The user view is shown by a  icon. In this view the staff can edit him/her personal information, such as phone number and also be able to see but not edit username and password.


2.2.4 Notifications view

When a person is moving in a room to a certain extent that will trigger a notification. The notification is sent from EaZense in a form of a text message with a link, this message is sent to every staff member that has the particular room as his/her responsibility.


As soon as someone clicks the link, they will be redirected to the notification view. Then they will see which room it concerns and by clicking the *acknowledge notification* button they also responds to the event. The action will be logged and time stamped. Once the user has tended to the situation he/she shall push the *close notification* button, this will also be logged and timestamped and restore the sensor to the normal state.

If the user is currently using the interface when a notification is triggered he/she will also be redirected to the notification view and get a text message.

2.2.5 Notification log view

To enter the notification log view click the  icon. In the notification log view the user will be able to see the history of all triggered notifications from the sensors assigned to him/her, the last 24 hours in a scrollable list.

2.2.6 Activity log view

By clicking on the  icon the user enters the activity log view. Here the user will be able to see the history of all triggered activity from the sensors assigned to him/her, the last 24 hours in a scrollable list.

2.2.7 Text messages

The following text will be sent to the user after a notification is triggered:

NOTIFICATION> notification: https://portal.eazense.com/eastaff/notification/eazense_XXXXXXXXXXXX

The X's represents the sensor ID. Follow the link to acknowledge the notification in the eazense staff interface.

2.2.8 Symbols and states in Staff interface

As mention above there is a few states and symbols in the user interface. For every room in the Home/room view has a geometrical shape of a certain color.

The green circle indicates that there is activity in that room.

The light gray circle indicates there is no activity in the room.

The red triangle indicates that there is a notification that needs to be acknowledged.

The yellow square indicates that there is a acknowledged notification that needs to be closed.

3. Support

For technical support: support@raytelligence.com

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