



User manual

Version 2.0 – July 2015

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More information can be found at www.xxter.com

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Welcome

With xxter you can control your automated home or office with your smartphone or tablet in only a few steps.

This manual is intended for the end user and requires that the home automation and the xxter device are properly installed and configured by an installation professional. The basic xxter installation is described in the installation manual and is required for xxter to work. Make sure this installation is completed before you continue.

In the following chapters you will be taken through the steps to configure the visualisation for your smartphone or tablet and how to use xxter's features, including scenarios, the scheduler and the alert service.

This manual will focus on the basic functionalities of xxter. For the set-up and use of additional options like intercom systems, scripts and many other features separate manuals are available. These can be found on our website: www.xxter.com.

We hope you enjoy using xxter!

1. xxter introduction

With the xxter app you can see and control your automated home with your smartphone or tablet. This is called a visualisation. You can configure the visualisation on xxter's central servers and then load it onto your smartphone or tablet. The xxter visualisation always consists of a profile and one or more pages:

The profile describes the basic characteristics of the visualisation. It is possible to use multiple profiles next to each other. On your smartphone or tablet you can choose which profile you want to load. This way it is for instance possible to use one profile for yourself and another for your children.

The pages are the different visualisation screens within the profile. Every profile has one page as an index page and an unlimited amount of subsequent pages.

When you have created your visualisation, it must be loaded in the xxter app on your smartphone or tablet. To do this, the app will connect to the xxter device in your home or office to retrieve the intended profile from xxter's central servers.

After the visualisation is downloaded onto your smartphone or tablet, you can control your automated home, set up scenarios and use the scheduler.

In the following chapters you will be guided through this configuration step by step.

2. Logging in to My xxter

To create a visualisation, you have to log in to *My xxter* using the following web page:

<http://www.xxter.com/myxxter>

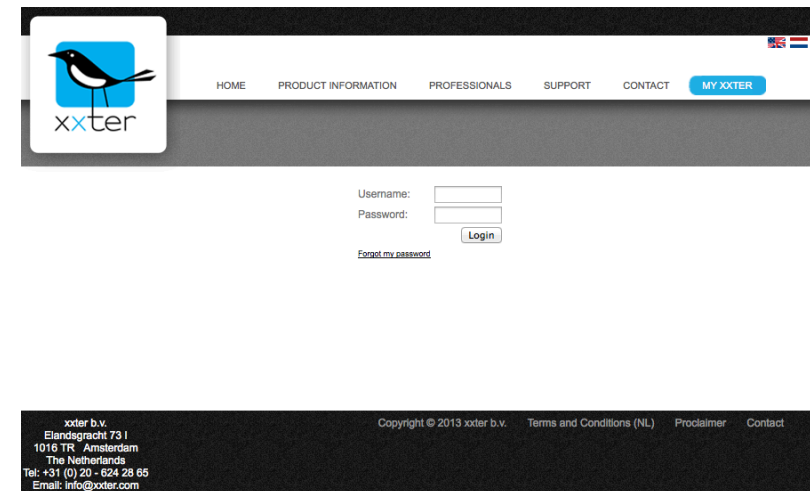


Image 1: Logging in to My xxter

This requires your login and password as an end user. The installation professional should have created this for you, and written it on the back page of this manual. In case this has not been done yet, please contact your installation professional.

After you have logged in you will see your personal information, as it was entered by the installation professional. You can alter this information by clicking on "Change".

3. Profile set-up

For new users there is a “Standard profile” created automatically. You can select this by choosing the “*Standard profile*” in the *Profiles* menu. An example of a smartphone is shown with the default settings for every page of the profile. These settings are automatically used, but can always be over ruled for an individual page.

In case you want to use a background image, you can choose one from the standard selection of images that is available. Of course you can also add a personal background image through the *Images* menu.

Every profile has a name, which you can change for better identification. Changes must always be confirmed by clicking the “*Apply changes*” button.

Adding a new profile

By selecting “*New profile*” in the *Profile* menu, you can add a new empty profile or select one of the standard demo profiles. The demo profiles can be experienced in the demo of the app on your smartphone or tablet. These demo profiles can be used as a base to create your own visualisation.

You can also copy a profile, which will duplicate the profile **including all subsequent pages**. We always recommend this action when you intend to make bigger changes to a working profile, because this will allow you to always fall back on the last working version of the profile you were using.

You can use an unlimited amount of profiles.

4. Page configuration

After you have selected the profile you want to edit, you can configure the subsequent pages using the *Pages* menu. Here you can select one of the existing pages or create a new one.

You will see the settings of the selected page. By default the settings of the profile are used.

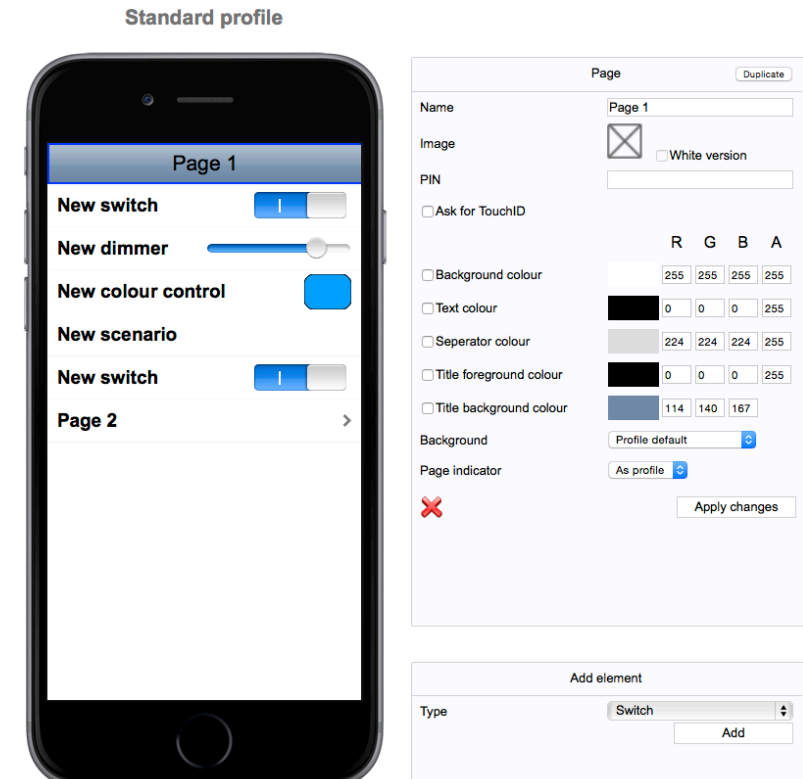


Image 2: Page configuration

You can change the name of the page. This name is displayed on the top of the page itself and on every link you use on other pages to redirect to this page. For these links you can also select an icon to be

shown next to the page title. Through the *Images* menu you can also add personal icons.

For securing a page you can add a PIN code. Before the page can be opened in the app, this PIN code is required. It is also possible to use TouchID, if your mobile device supports this feature.

After any changes always confirm your actions by clicking the “*Apply changes*” button.

Adding elements

After these general page settings are complete, elements can be added to the page. In the section shown on the bottom right hand corner of the screen you can select the type of element you want to add. An overview and explanation of the types that are used most is included in addendum A.

Almost every element that is added to a page must be connected to a component in the automated home. For instance to control lights with a switch or dimmer, control LED lighting with the colour control, setting the temperature using a thermostat, etc.

All available components have already been added by your installation professional. For every type of element you can make a selection of the appropriate components. After connecting the element to a home automation component you can change the name that is displayed on the page. Depending on the type of element additional settings may be available, for instance the use of icons or other options.

Certain elements have an option “ask for confirmation” as extra precaution before performing that action. This prevents you from performing an action by accident, for instance to close the shutters unintentionally.

You can remove an element by clicking the red cross and move an element up or down by using the up and down arrows.

In the *Pages* menu you can add new pages. By using the element type “Link to page” you can refer from one page to another.

5. Index page

Every profile has one index page. This page is the root of your profile. From this page, links to other pages can be included to navigate through the entire profile. When using the xxter app on a tablet, the index page is always shown on the left hand side when the tablet is in the landscape position.

You can select which page you want to use as the index page. By selecting *Profiles* -> “*name of your profile*”, you have the option to change the index page of your profile.

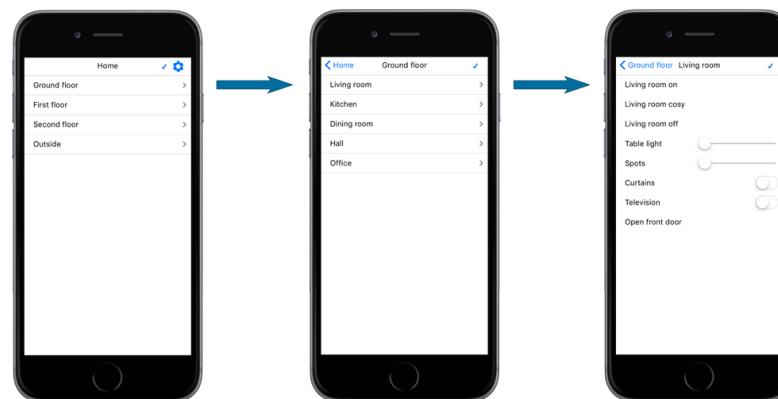


Image 3: index page and page links

Apart from the index page, you can also configure which page is opened automatically when you start the app. If you do not enter a start page, the app will show the page that was last open when the app is (re)opened.

After you have configured your profile and one or more pages, you can load it into the app on your smartphone or tablet.

6. App download and settings

You can download and install the app from the iTunes App Store or Google Play. Direct links can be found on the website www.xxter.com but you can also search the App Store or Google Play for “xxter”. The app is free to download.

After the app has been installed and started, open the configuration menu by tapping the icon in the right hand top corner. In the menu choose *Settings*. In case your smartphone or tablet is connected to the same wireless network as the xxter device, the app will automatically find your xxter and fill in the appropriate settings. You will only have to enter your username and password.

In case the settings are not detected automatically, you can enter the IP address of the xxter device manually. You can find this information on the back page of this manual or on *My xxter*, on the *devices* page.

In addition to the internal IP address of the xxter device, you can also enter the external address in case you want to be able to use xxter from outside the house or office. This can also be found on the back page of this manual or as “IP or host (external)” on the *devices* page of *My xxter*, in case it is not automatically detected.

Important: to be able to access xxter from outside the house or office, additional actions might be required. More information about this can be found in the installation manual, chapter 13.

For extra security it is possible to set up a shared key on the xxter device, for communication with the app. In case this has not been set by your installation professional, this can be left empty.

After the username, password and the IP address of your xxter device have been entered, select the “*Profile:*” option and then “*Load profile configuration*”. You can then select the profile you want to use. Select “yes” when you are prompted to load the selected profile.

You can now use xxter to control your automated home.

7. Creating scenarios

You can create and manage scenarios from the xxter app to use them in the visualisation and from the automated home. A scenario is a set of actions you can have performed with one push of a button. For instance you can select a series of lights to turn on or off, but also include music control or colour LED lighting.

To manage scenarios, push the configuration icon in the right hand top corner on the index page in the app and then select *Scenarios*. All existing scenarios will be automatically loaded. You can add additional scenarios by pushing on “*Add scenario*”.

Select the scenario you want to edit. With the option “*Add action*” you can select a relevant component from your home automation to be controlled through the scenario. Apart from the standard components you will possibly also see available uPnP or IR (infrared) commands to control your audio/video equipment. After you have added a component to the scenario you can set the value you want the component set to, for instance to turn it on or to set it to a certain dim value. By swiping a component to the left, you can remove a component from the scenario.

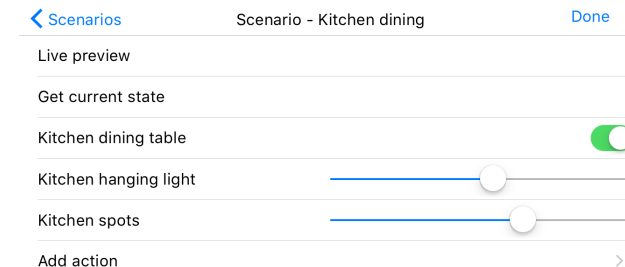


Image 4: Editing a scenario

If you select the “*Live preview*” option, the scenario is immediately performed so you can verify whether it works as intended. On the other hand you can also use the option “*Get current state*” to get the current status of the components to show in the app. When you press the “*Done*” button the changes will be saved to the device. When you now use the scenario from the visualisation or from the automated home, the selected actions will be performed.

8. Using the scheduler

With the scheduler it is possible to have an action be performed automatically on predefined times and/or days. For instance you can have your lights turn on in the morning as an alarm clock or automatically close the curtains in the evening.

To set up the scheduler push the configuration icon in the right hand top corner on the index page in the app and then select *Scheduler*. Any already created schedulers will be shown and with the option “Add scheduler” you can create a new scheduler.

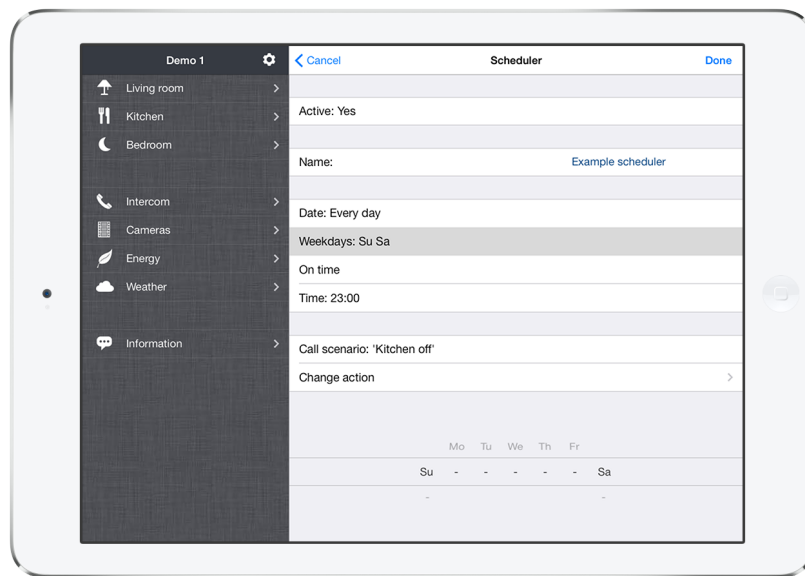


Image 5: Setting up a scheduler

You can give the scheduler a name and select on which dates or days you want the scheduler to become active. You can also select a time when the action should be performed or choose the sunrise or sunset times as the preferred trigger, including an offset. For instance “one hour before sunset”.

On the bottom of the page you can select the action you want to have the scheduler perform. Apart from the standard components you will possibly also see available uPnP or IR (infrared) commands to control your audio/video equipment, in case these options are detected. In case you want more then one action to be performed, you can use the scheduler in combination with a scenario.

On the top of the page you can set the scheduler to “active” or you can select it to be active depending on a value that is set in the home automation. This can be useful, for instance to let the curtains open automatically in the morning only when the alarm system is activated.

When you press the “Done” button the changes will be saved to the device and the scheduler will be shown on the overview page. Schedules that are active are listed as green and deactivated schedules are shown in red.

9. Additional configuration options

In the app there are several additional configuration options available.

Configuring a PIN code

You can protect access to the *Settings* page and other parts of the configuration with a PIN code. To do this, you can enter a code on the *Settings* page, under “*Access to settings*”. Subsequently you can also enable the PIN code for other configuration options, like the scenarios and the scheduler.

When you no longer want to use a PIN code, you can update and remove the code.

Alert log and service shop

In case you use the alert service, see chapter 10, you can see all previously received alerts in the *Alert log*. In case you want to use SMS text messages for the alert service, you can buy credits for these in the service shop. The credits will be paid through your iTunes or Google Play account.

Multiple configurations

In case you want to use multiple xxter devices or multiple profiles next to each other, you can select the option “Multiple configurations” on the top of the *Settings* page.

After this option is set you can choose a different configuration on the *Configuration* page (one menu level higher), by swiping to the left or right over the screen. On the top of the screen the account is shown that is selected. You can use 5 different profiles/accounts next to each other.

Preferences

On the *Preferences* page you can set additional options like locking the display orientation, setting a scaling factor to enlarge or reduce the visualization size or hide the default status bar of your device.

10. Alert service

The alert service allows you to set up messages that can be sent to you from your automated home in certain situations.

The configuration of the alert service is done by using *My xxter* on the following web page:

<http://www.xxter.com/myxxter>

Choose the profile you are using from the *profiles* menu. You now see the alert services for that profile and the amount of credits you have for sending SMS text messages.

By selecting “*Add alert service*” you can create and set up a new service. By clicking on an existing service, you can change it.

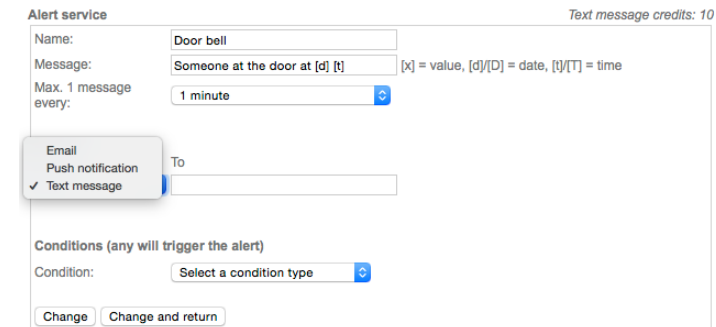


Image 6: Alert service

You can give the alert service a name and define what alert text you want to have sent in the alert. In the text of the alert message you can also use the following special character combinations:

- [x] This will be replaced by the value of the action that has triggered the alert service, for instance a temperature value.
- [d] This will be replaced by the date of the message.
(short notation, only the day and month)

- [D] This will be replaced by the date of the message.
(long notation, day, month and year)
- [t] This will be replaced by the time of the message.
(short notation, only hour and minute)
- [T] This will be replaced by the time of the message.
(long notation, hour, minute and seconds)

If you want you can restrict the amount of messages that are sent within a timeframe. For instance you can choose to send no more than 1 message every minute. For SMS text messages this restriction is automatic (1 message per minute per service) to prevent using up your credits faster than intended.

Additionally you must add the recipient(s) of the message. Messages can be sent by push message, email and SMS text message.

Push messages use a special service from Apple and Google to send messages quickly and easily to your iPhone, iPad or Android device. When using push notifications you can optionally select the page of the visualisation you want to be redirected to, when you receive a message, for instance a page with a camera or intercom on it. The devices you can select to send a push message to, are automatically updated when you have downloaded the profile on a certain device.

To be able to send SMS text messages a sufficient amount of credits is required.

Important: when using SMS text messages, use the international notation for phone numbers, for example: +31612345678

To add multiple recipients, click on “*Change*” to add an additional input option.

Under *Conditions* you can select which action(s) must trigger the alert and under which circumstances. As action you can select a component from the automated home or one of the other options.

The screenshot shows the 'Alert service' configuration page. At the top right, it says 'Text message credits: 10'. The form has several sections:

- Name:** A text box containing 'Door bell'.
- Message:** A text box containing 'Someone at the door at [d] [m]'. To the right of this box is a legend: '[x] = value, [d]/[D] = date, [t]/[T] = time'.
- Max. 1 message every:** A dropdown menu set to '1 minute'.
- Receivers:**
 - Type:** A dropdown menu set to 'Push notification'.
 - To:** A dropdown menu set to 'iPhone'.
 - Email:** An empty text box.
 - On the right of the 'To' dropdown, there are three more dropdowns: 'Stay on current page', 'No action', and 'Default sound'.
- Conditions (any will trigger the alert):**
 - Condition:** A dropdown menu set to 'Component'. Below it is a text box containing 'Front door bell'.
 - Condition:** A dropdown menu set to 'Every telegram'.
 - Condition:** A dropdown menu set to 'Select a condition type'.

 At the bottom, there are three buttons: 'Change', 'Change and return', and 'Delete'.

Image 7: Setting the alert service condition

Depending on the selected component you can enter an additional restriction. For instance for a door bell only the trigger itself is relevant, so you can select “Every telegram”. In other cases, for instance when a temperature rises or falls beyond a certain value, you can add a restriction when you want to be informed.

For restrictions you have the following options:

- “=” means the value of the telegram (of the component) has to be exactly the same as the set value.
- “<” and “>” means the value needs to be smaller or larger than the set value.
- “< (first time)” and “> (first time)” means an alert should only be given the first time a value falls below or rises higher than the set value, respectively.

A BIT component value can be 0 or 1, a BYTE component value can be 0 to 255 and most other components have a value as a decimal number, for instance a temperature.

For instance when you want to send a message when the temperature falls below 5 degrees Celsius, you can best select the “< (first time)” option. This will make sure you receive a message when it gets too cold, but not for every subsequent temperature change below that. Only when the temperature has been above 5 degrees and then again falls below it, you will receive a new message.

To add multiple conditions, click on “*Change*” to add an additional input option. The alert service will be triggered when any of the conditions are met.

When you have entered all necessary information, click on “*Change and return*” to save the alert service.

Important: to activate the alert service, it has to be loaded onto the xxter device. See chapter 11.

11. Reloading the profile

Whenever you perform changes on *My xxter*, these have to be reloaded onto your xxter device and on your smartphone or tablet. You can do this by reloading the profile in the xxter app. By doing this the profile will be updated on your mobile device as well as on the xxter device.

To reload the profile, push the configuration icon in the right hand top corner on the index page in the app and then select “*Load profile configuration*”.

12. Service and support

In case you encounter any problems or if you have questions, please contact your installation professional.

Answers to frequently asked questions can be found on:

<http://www.xxter.com/faq>

Additional support can be found on:

<http://www.xxter.com/support>

In case you are unable to resolve the issue, you can contact us on support@xxter.com. Please always include the serial number of the xxter device it concerns.

ADDENDUM A (element overview)

Elements can be added to every page in the visualisation. Below you will find a short description of the elements that are most often used.

Switch

With a switch you can turn a light on or off, but for instance also open or close curtains.

Curtains



Dimmer

With a dimmer you can not only turn a light on or off, but also dim it to a specific brightness. This is done using the slider.

Table light



Scenario

By using a scenario element you can trigger a scenario. More information on how to set up a scenario, see chapter 7.

Living room on

Shutter / blinds

With a shutter element you can control a shutter or blinds, but for instance also control curtains. This action should be connected to two switch commands: one for the up/down or open/close movement and one to stop the current movement.

Curtains



Link to page

With this element you can go to another page in the visualisation.

Living room



Send value

With this element you can send a pre-set value to the automated home, for instance to open a door or to set the thermostat to a specific mode.

Open front door

Display elements

There are several display elements available:

- Display temperature;
- Display light intensity;
- Display wind speed;
- Display atmosphere pressure and
- Display humidity

Depending on the chosen display option, you can choose the corresponding component for the automated home.

Temperature

21.50 °C

Thermostat

With the thermostat element you can display the current temperature as well as the intended temperature, which can be adjusted. To the thermostat element two commands should be connected: one for the current temperature and one for the desired/set temperature.



Living room

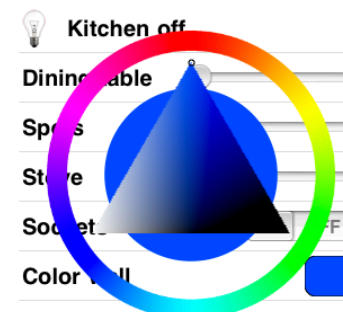
19.49 °C / 20.50 °C



Colour control

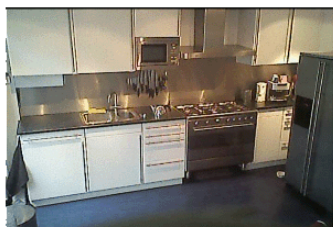
With the colour control you can easily select a colour for RGB LED lighting. There is a basic version, which only displays the colour wheel, and also a version wherein you can additionally select the hue from a colour triangle in the middle.

Color wall



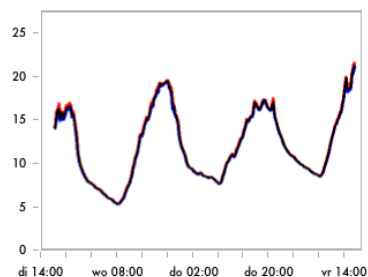
Camera

With this element a camera image or intercom can be added to a page. You can choose for one image, four images in a quadrant or up to ten camera images that change sequentially.



Graphs

With this element a graph can be added to a page. You can include up to two data sources in one graph.



Button row

A button row allows you to add a row of 1 to 6 buttons to a page. Every button can be connected to a component in the automated home. For every button you can select one component for the button down, one for the button up and one component to display the current status of the button.



Technical specifications

Size (lxwxh): 180x152x38mm

Weight: 0,5 kg

Voltage: 5VDC

Power consumption: 300mA (avg.)

Cooling: passive

Accessories:

- Adapter 5VDC

- UTP cable

- enOcean antenna (only for models HE01, HCE01 en HKE01)

- Installation manual EN

- User manual EN

Internal IP address: _____

Dynamic DNS (external): _____

Username: _____

Serial number & mac address: