Home center 2.7.3+
IR commands

Global Caché
Partners in Connectivity

The IR interface functionality is available exclusively on the Home center interface Server (VMBHIS or HIS)

Revision 03-08-2015

More info http://www.homecenter.be

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1 Basic concept

Configure Home center to send out IR codes through IR devices of Global Caché.

This adds a whole new dimension to your Home automation system. It is possible to operate devices in your home which are not connected to your Home automation system. Operate IR enabled ventilation, shades, air-conditioner, decoder, TV, amplifier,... with your Home automation systems inputs.

2 Getting started

For the devices you want to operate you will need to capture the IR commands you want to use and put them in the IR interface of Home center.

2.1 Install Global Caché device

Connect the Global Caché iTach Flex device to your home network.

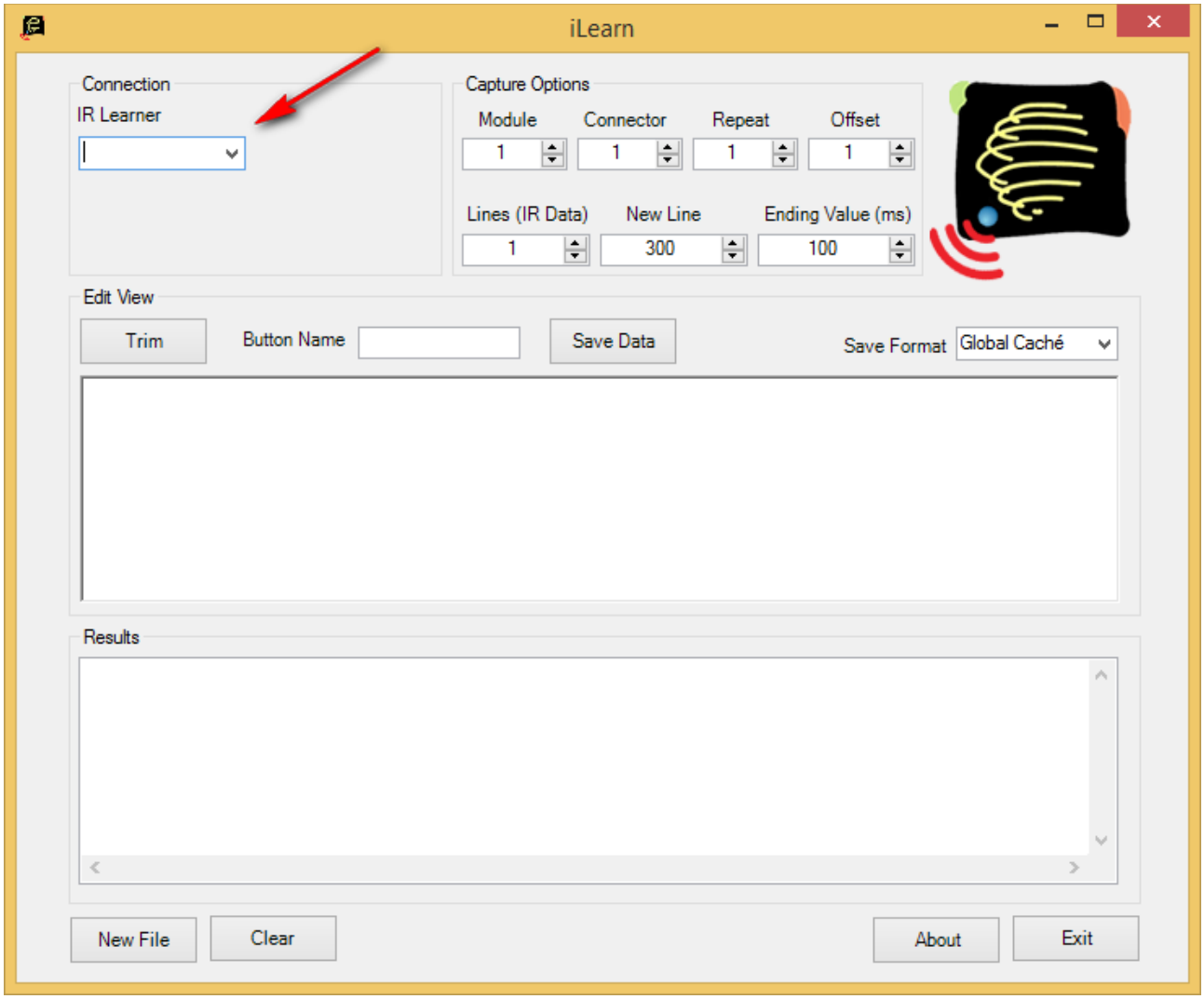
To help you locate the device in your network, you can use the **iHelp** tool from Global Caché. Download the iHelp tool from http://www.globalcache.com/downloads/

How to configure the device is described in the manuals of Global Caché.

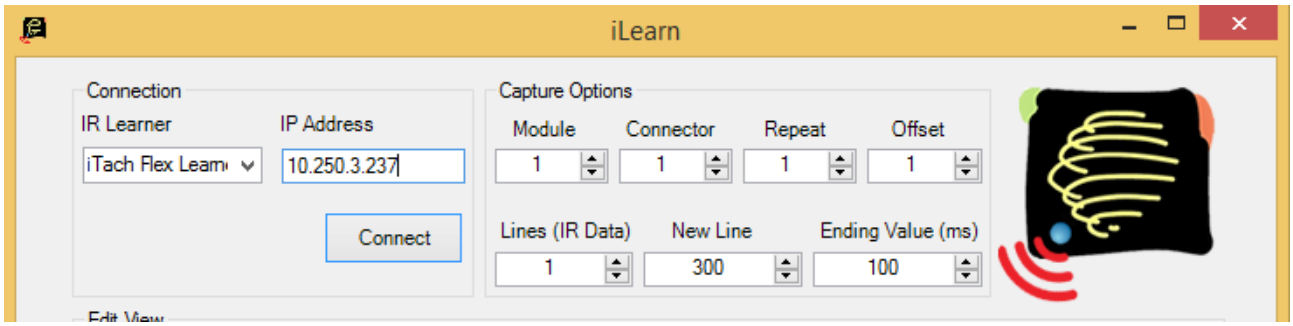
2.2 Capture IR commands

For this you require the **iLearn** tool from Global Caché. Download the iLearn tool from http://www.globalcache.com/downloads/

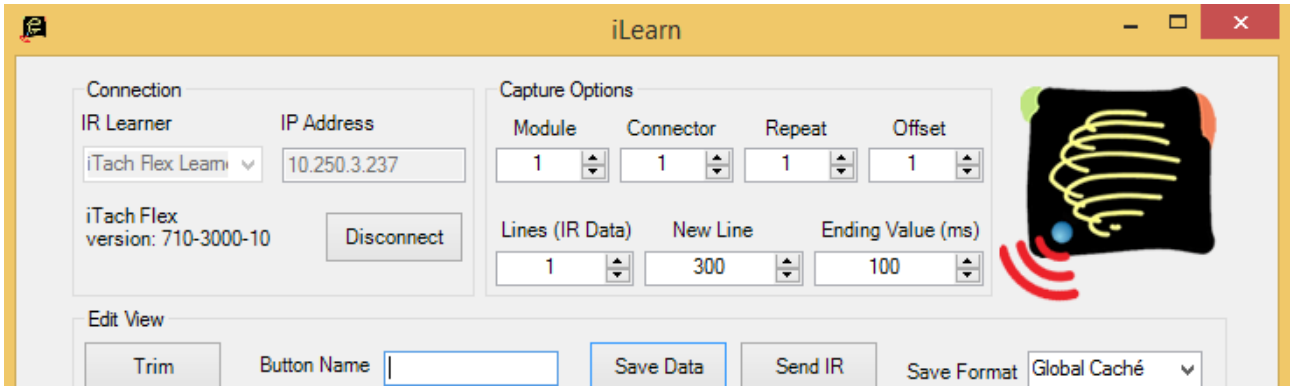
Start with selecting the IR Learner from the drop down.



Then fill in the IP address of the device and press Connect.



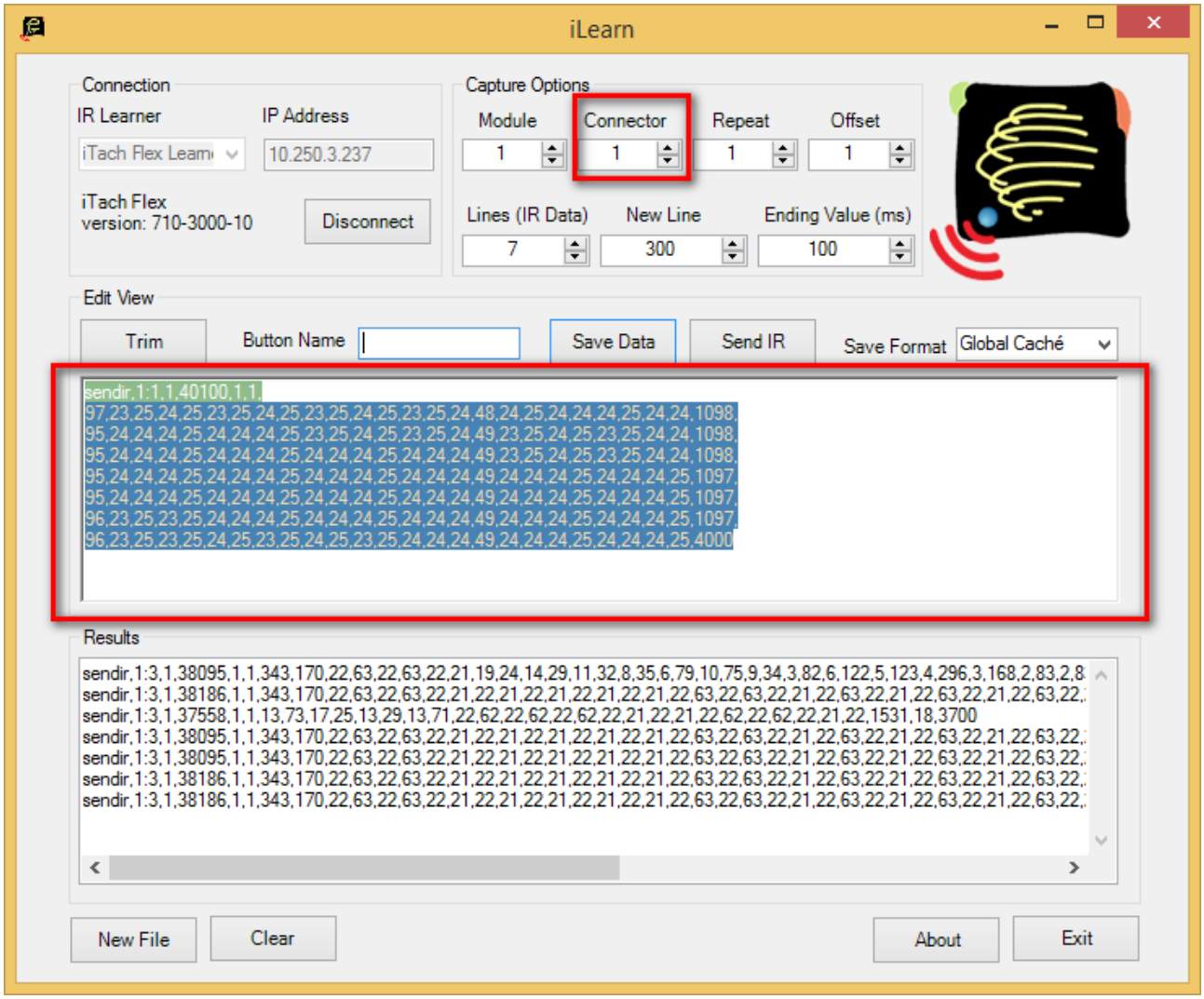
If the connection succeeded, the device type and version will be visible:



Now you can start reading the codes.

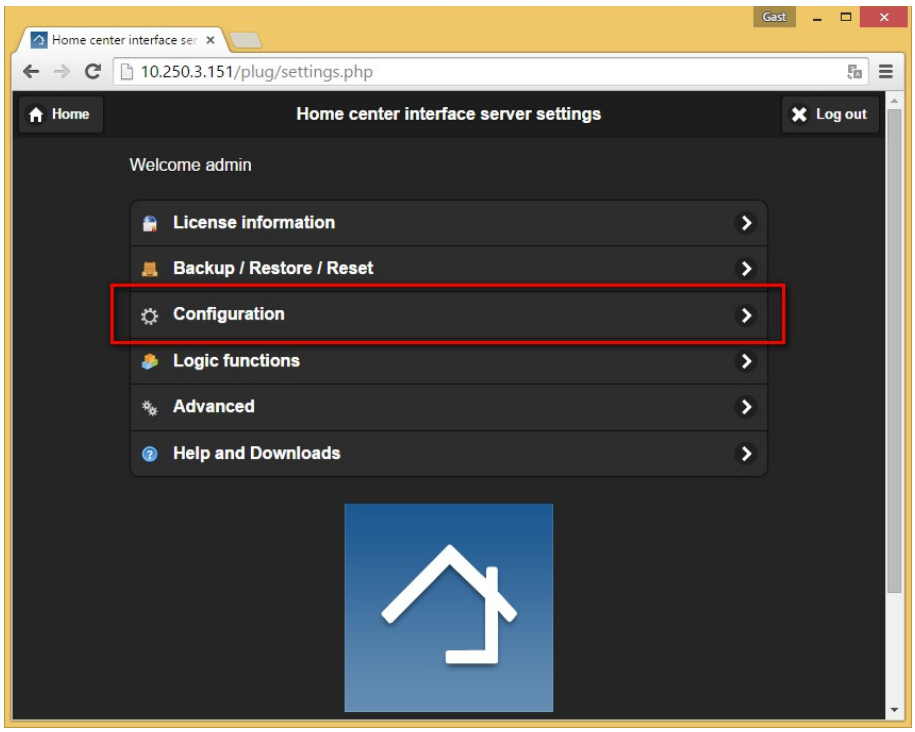
Point the remote control to the IR input of the iTach/iTach Flex and press the button you want to read. The IR code will appear on the center of the screen. This data must be entered in the Home center IR commands. But first, maybe you want to adjust the Connector to where the command must be sent. Adjusting this value will change the green part of the command. When this is done, the command is complete and ready to be entered in the Home center IR interface.

Proceed to the Home center web interface.



2.3 Add IR commands in Home center

Log in to Home center web interface and open the settings page. Select 'Configuration' and then 'IR Commands'. Press the 'New IR Command' button to add a new command.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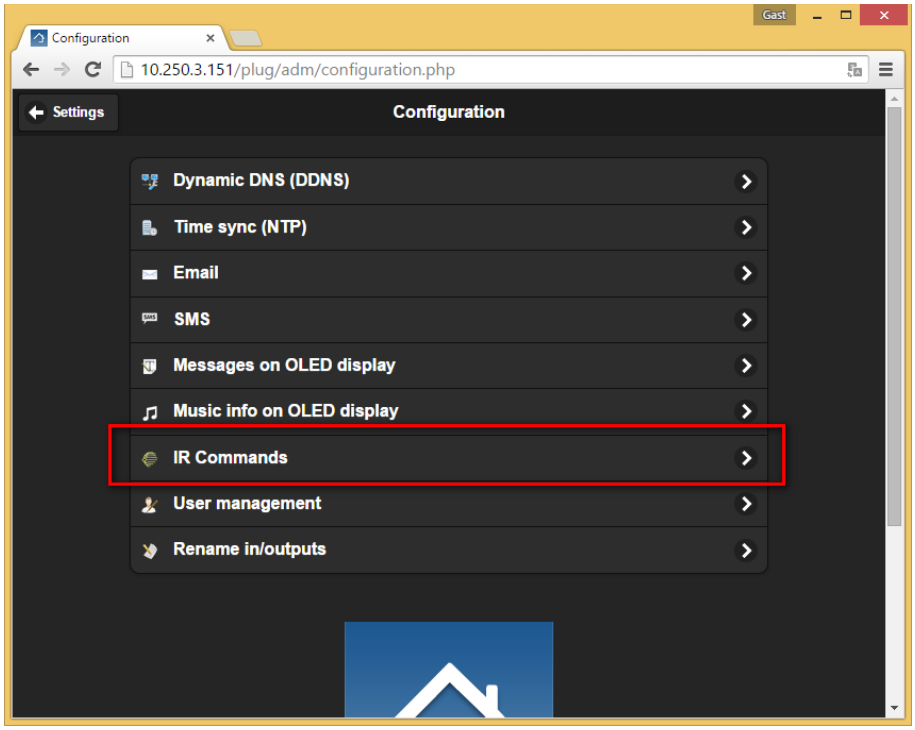
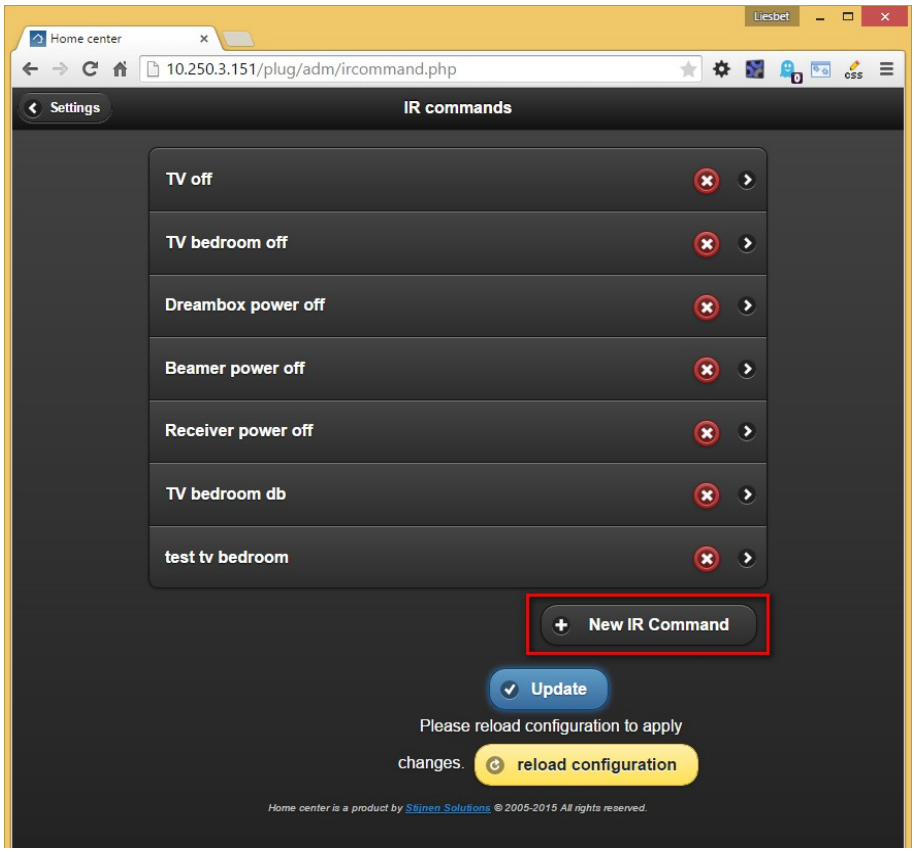
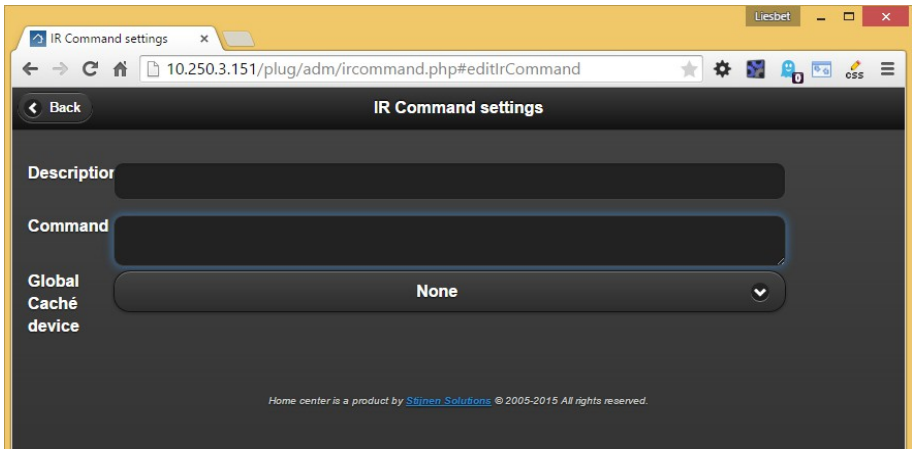
Home center interface ser
10.250.3.151/plug/settings.php
Home
Home center interface server settings
Log out
Welcome admin
License information
Backup / Restore / Reset
Configuration
Logic functions
Advanced
Help and Downloads

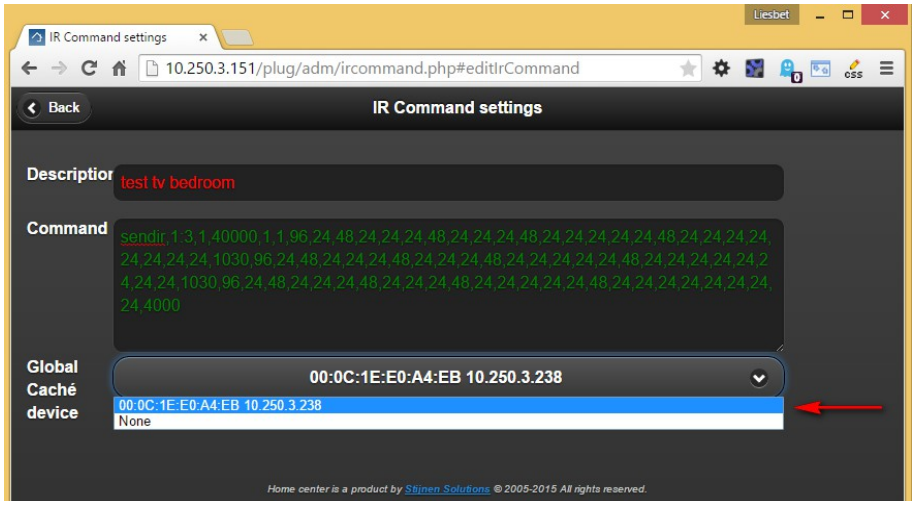

Gast
Configuration
10.250.3.151/plug/adm/configuration.php
Settings
Configuration
Dynamic DNS (DDNS)
Time sync (NTP)
Email
SMS
Messages on OLED display
Music info on OLED display
IR Commands
User management
Rename in/outputs



An empty command screen will appear.



- Add a description to identify the IR command
- Use copy & paste from the iLearn program to add the command in the command box.
- Select the Global Caché device from the drop down box to which the command must be send.



Press the 'Back' button and then press 'Update' to save the changes.

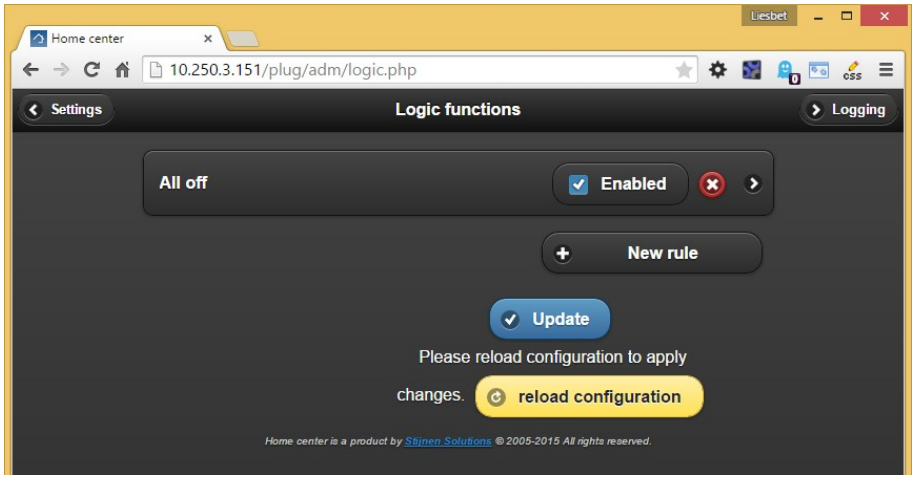
Now the command is added in Home center.

2.4 Link the IR command to a button

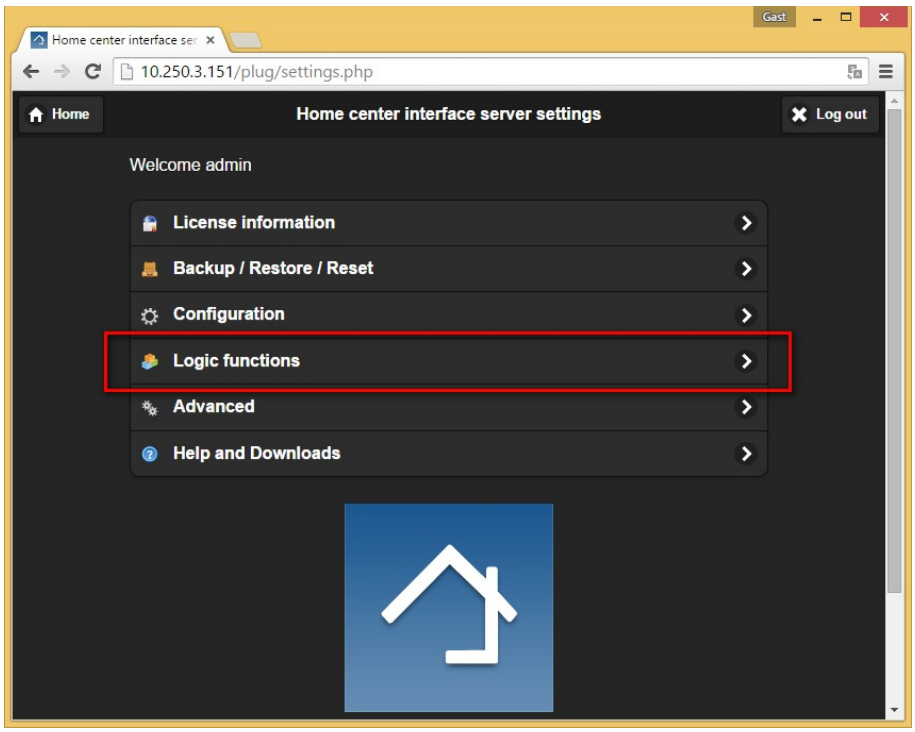
Now you need add a Logic rule to link the IR command to a button of the Home automation system.

For this we need to go to the Logic interface on the settings page.

Create a rule or add the command to an existing rule. For instance the 'All Off' rule to also turn off the TV in the bedroom.



How the Logic module works and needs to be configured, please see the Logic guide of Home center.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Home
Home center interface server settings
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License information
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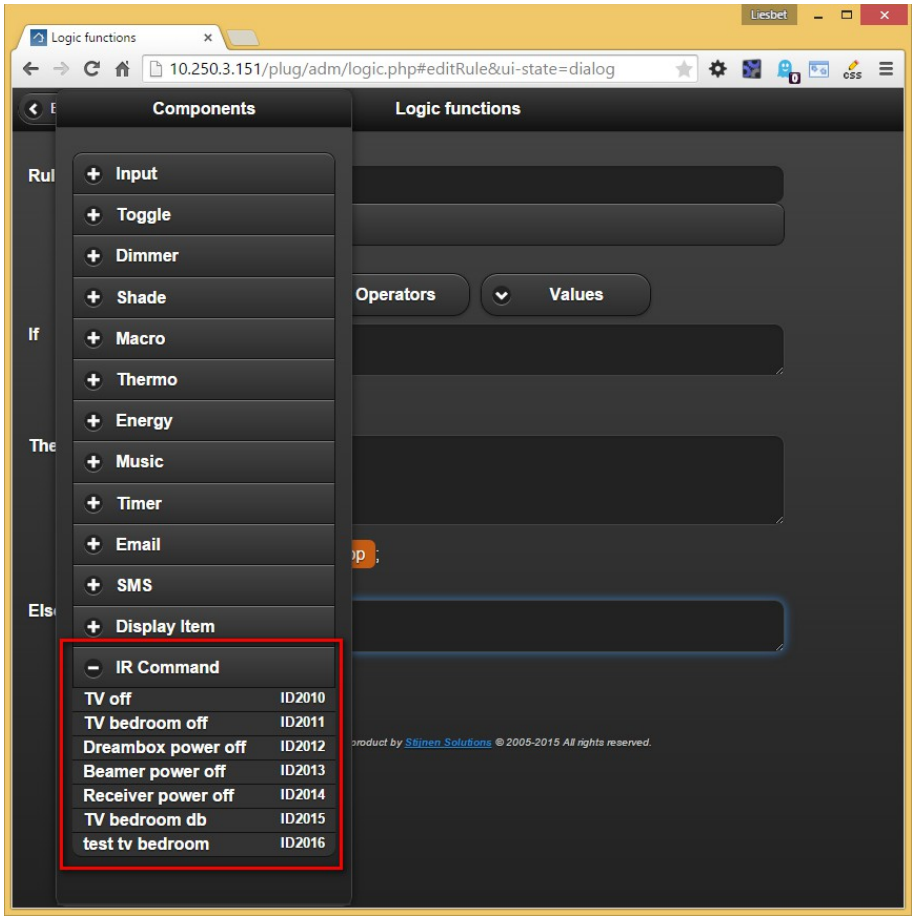
Liesbet
Logic functions
10.250.3.151/plug/adm/logic.php#editRule&ui-state=dialog
Components
Logic functions
Input
Toggle
Dimmer
Shade
Macro
Thermo
Energy
Music
Timer
Email
SMS
Display Item
IR Command
TV off ID2010
TV bedroom off ID2011
Dreambox power off ID2012
Beamer power off ID2013
Receiver power off ID2014
TV bedroom db ID2015
test tv bedroom ID2016
Operators
Values
Rul
If
The
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