IP Roombox configuration software

IP Roombox basic 12 & IP Roombox 12 with dimmer

Electrical / Mechanical characteristics : see user manual

Products concerned

	Order number	**Product designation**	**Application software ref.**	**TP device** **RF devices**
	EEF012	IP Roombox basic 12 channels	IP Roombox configuration software V1T	
	EEF012D	IP Roombox enhanced 12 channels with embedded dimmer	IP Roombox configuration software V1T	

Summary

1 Presentation

1.1 General points

The purpose of this manual is to describe the operation and configuration of the IP Roombox devices using the IP Roombox configuration software. It will describe the available functions with a description of the different parameter.

1.2 About the executable program

1.2.1 OS Compatibility

The configuration software is compatible with:

Windows XP
Windows VISTA
Windows 7
Windows 8
Windows 8.1
Windows 10

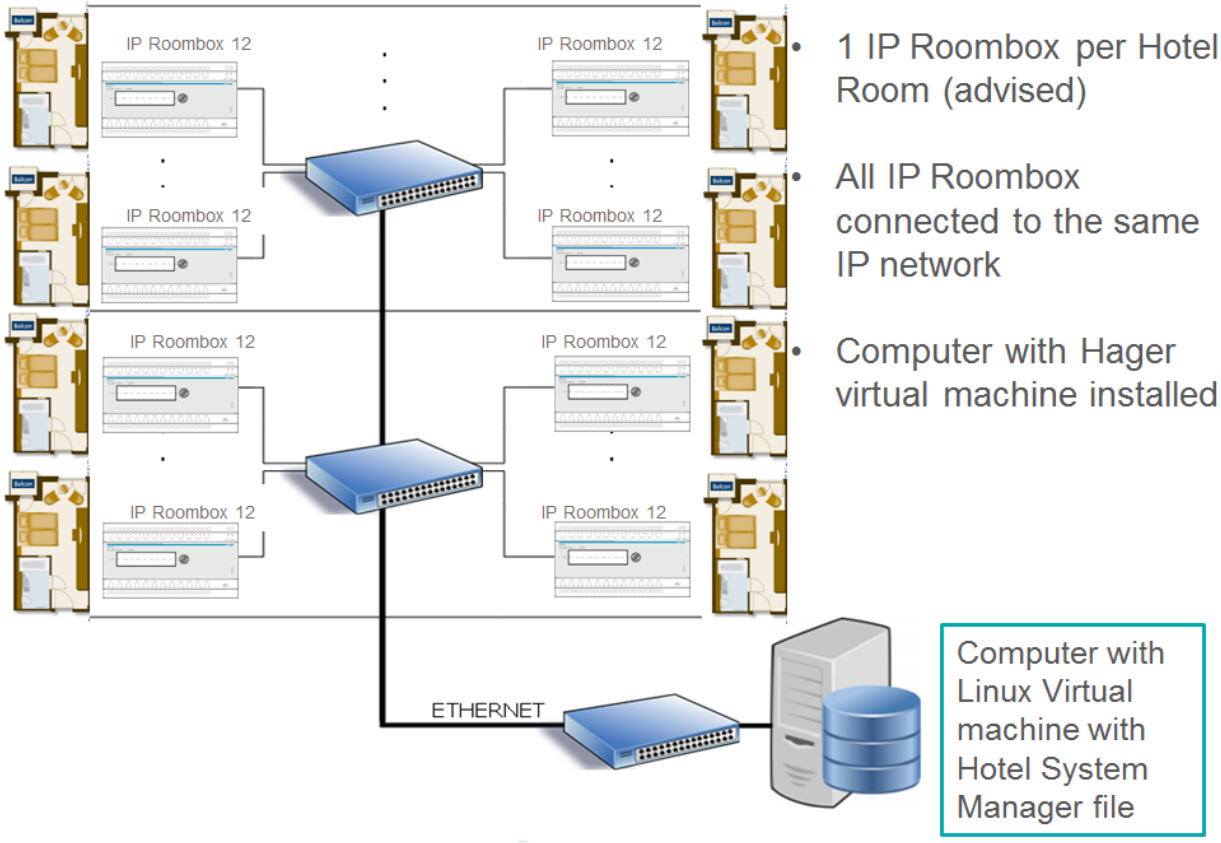
1.2.2 Software description

Product reference	Software name file
EEF012	IP_ROOMBOX_CONFIGURATION_SOFTWARE_V1T.EXE
EEF012D	IP_ROOMBOX_CONFIGURATION_SOFTWARE_V1T.EXE

2 General description

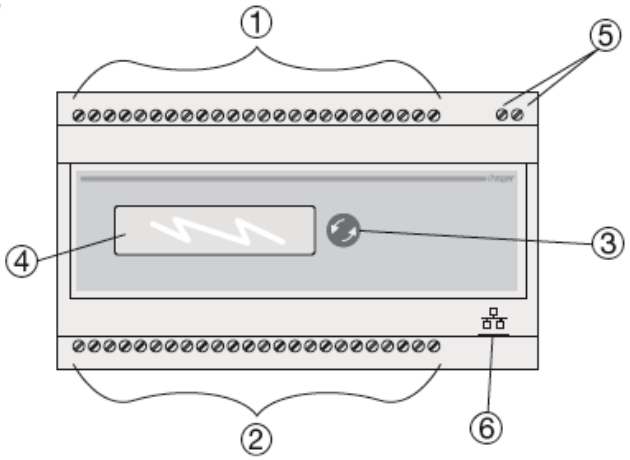
2.1 Installation of the device

2.1.1 Global schematic



2.1.2 Description of the device

fig. 1



- EEF012

1) Inputs: 12 dry contacts

2) Outputs: 12 ON/OFF relay outputs

3) Push button for navigation of menus

4) LCD screen for viewing the I/O and menus

5) 230 V terminals

6) RJ45 network connector

- EEF012D

1) Inputs: 12 dry contacts

2) Outputs: 12 ON/OFF relay outputs

3) Push button for navigation of menus

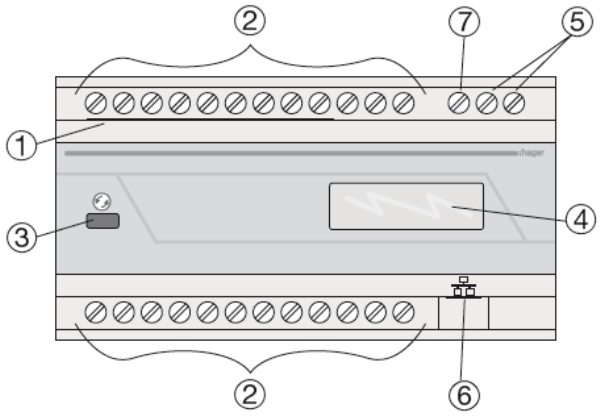
4) LCD screen for viewing the I/O and menus

5) 230 V terminals

6) RJ45 network connector

7) Dimming output

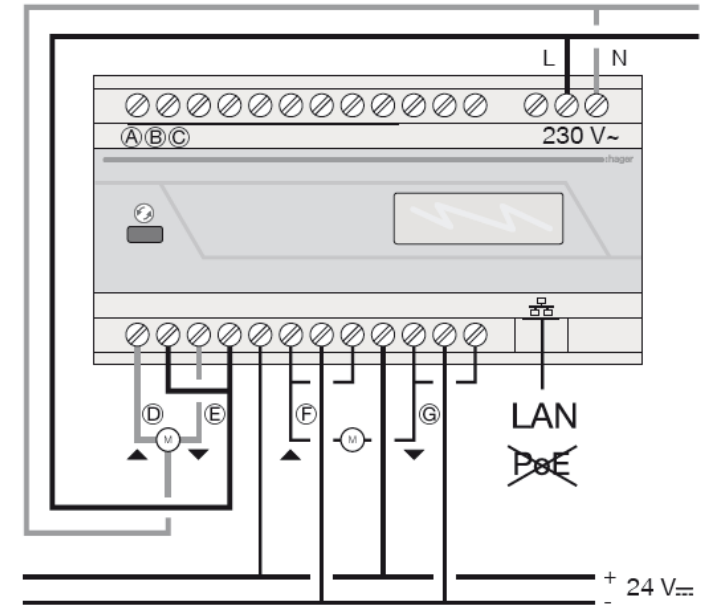
fig. 1



2.1.3 **Shutter motors connection**

EEF012/EEF012D

fig. 3



2.2 Available applications of the IP Roombox

The IP Roombox can be used for one or several applications:

- On/Off
- Toggle
- Timer
- Shutters 230 V~
- Shutters 24 VAC
- External dimmer (available only with the EEA001A external dinner, not supplied)
- Internal dimmer (available only in EEF012D)

PS: Fan-coil unit can be handled with On/Off function (**warning**: regulation is not provided by the IP Roombox. Rather it must be provided by an external thermostat, the outputs of which can be interfaced with the dry contact inputs of the IP Roombox).

A mix of the different applications is possible.

3 FUNCTIONAL DESCRIPTION

The IP Roombox is a multi-application module which is a versatile device which allows a variety of configurations. The configuration software supports different functions which will be described in this manual:

- On/Off.
- Timer.
- Toggle
- Shutters
- External dimmer (only available with the external dimmer EEA001A)
- Internal dimmer (only available with the enhanced version EEF012D)

Important: In order to be sure to use properly the application, right click on the .exe file and choose "execute as administrator" even if the computer is already running an administrator session on windows.

There are 4 general tabs to navigate into the configuration software:

- Home
- Output config
- Manual panel
- Settings

4 HOME TAB

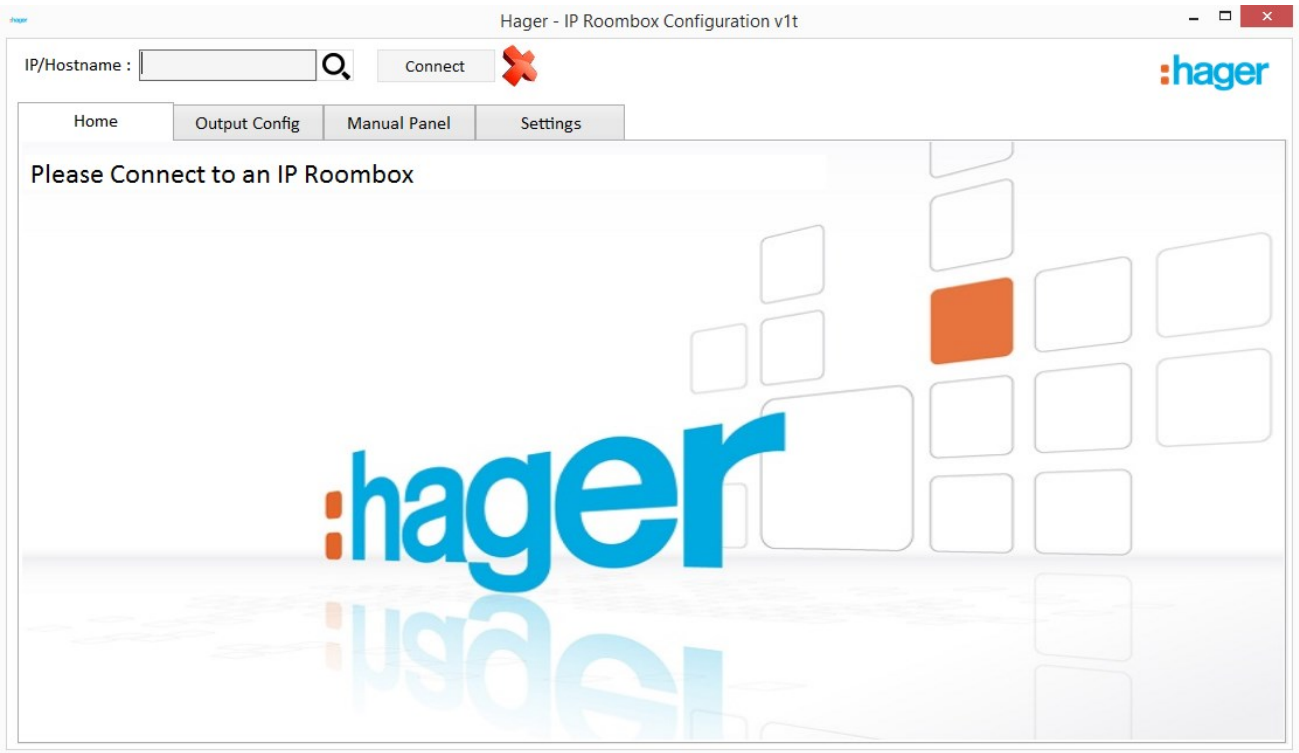
4.1 Language choice

When opening the configuration software the Home tab is automatically displayed by default, at the top right there is a scrolling list which allows you to change the language of the software. By the default the software will open in English.

Available languages:

- CN: Chinese
- EN: English
- FR: French
- GR: Greek
- IT: Italian
- NL: Dutch
- PT: Portuguese
- SP: Spanish
- TR: Turkish

4.2 Connection to the product



When opening the IP Roombox configuration software it automatically display this Home tab page.

In order to indicate there is no product connected there is a red cross and also a message asking to connect to the product “Please connect to an IP Roombox”.

Then several options to connect to the product are available:

- With the NetbiosName (=Hostname)
- With the IP Address
- With the Discover function

4.2.1 With the NetbiosName

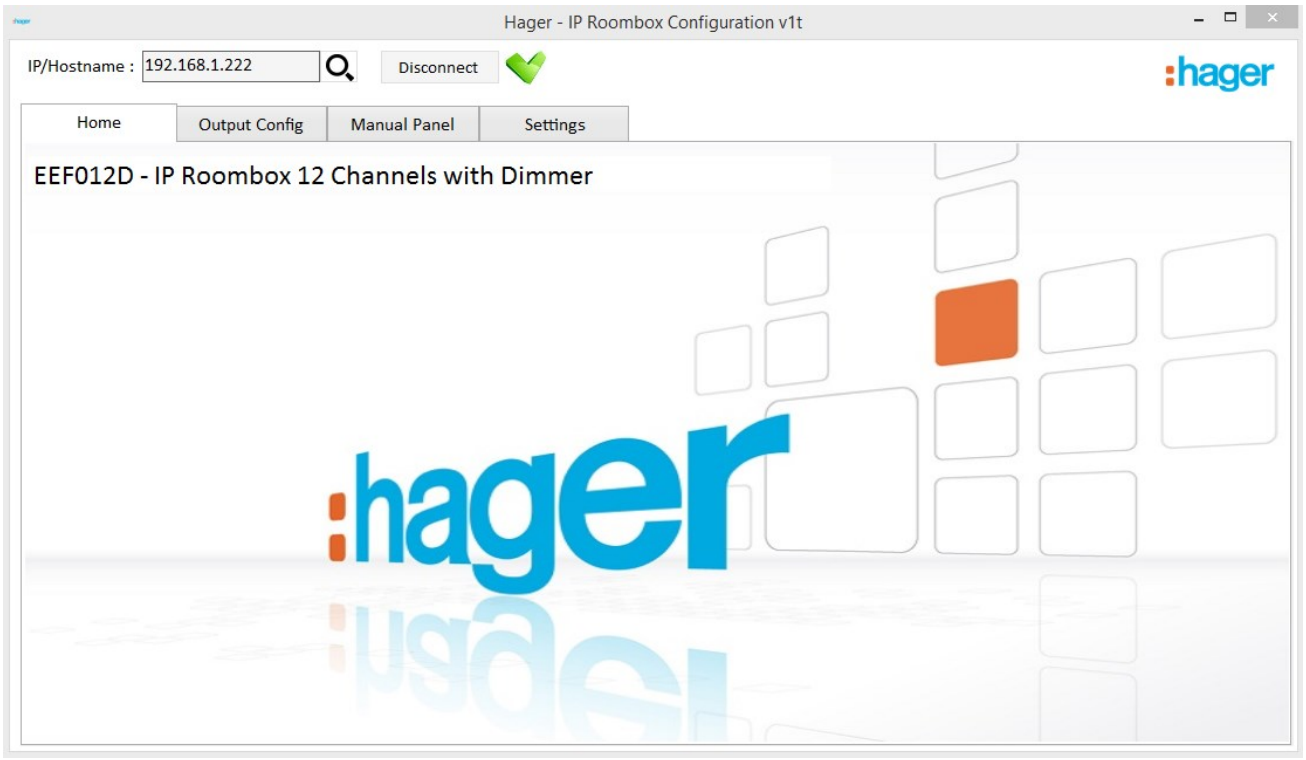
In order to access to the NetbiosName look directly on the product and access this information with the Navigation button on the product:

- Make a long press to enter in the menu
- "Network settings" appears on the LCD display
- Make again a long press to enter in the menu "Network settings"
- "NetbiosName" appears
- Enter the Netbiosname displayed in the software in order to connect
- Click on Connect button

4.2.2 With the IP address

In order to access to the IP Address look directly on the product and access this information with the Navigation button on the product:

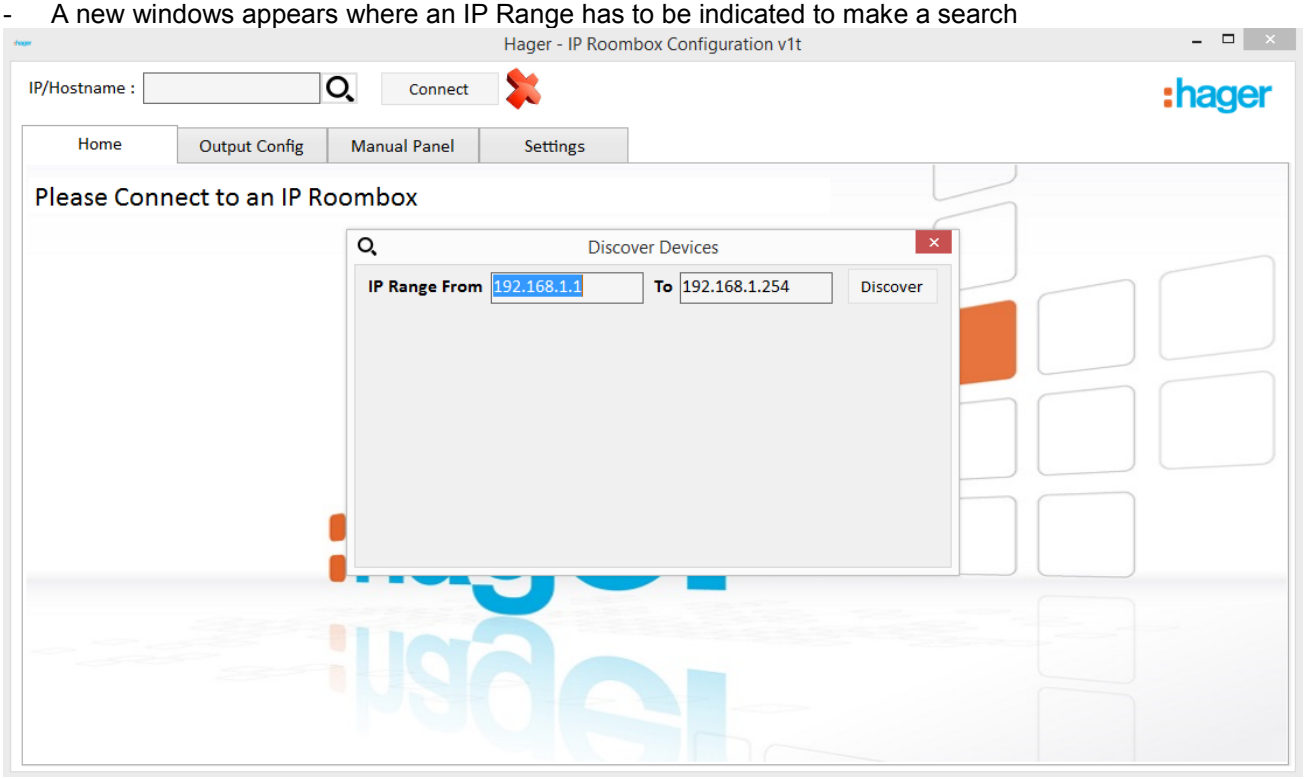
- Make a long press to enter in the menu
- When "Network settings" appears on the LCD display release the button
- Make again a long press to enter in the menu "Network settings"
- Make several short press until it is possible to see "IP Address"
- Then "IP Address" appears
- Enter the IP Address displayed in the software in order to connect
- Click on Connect button



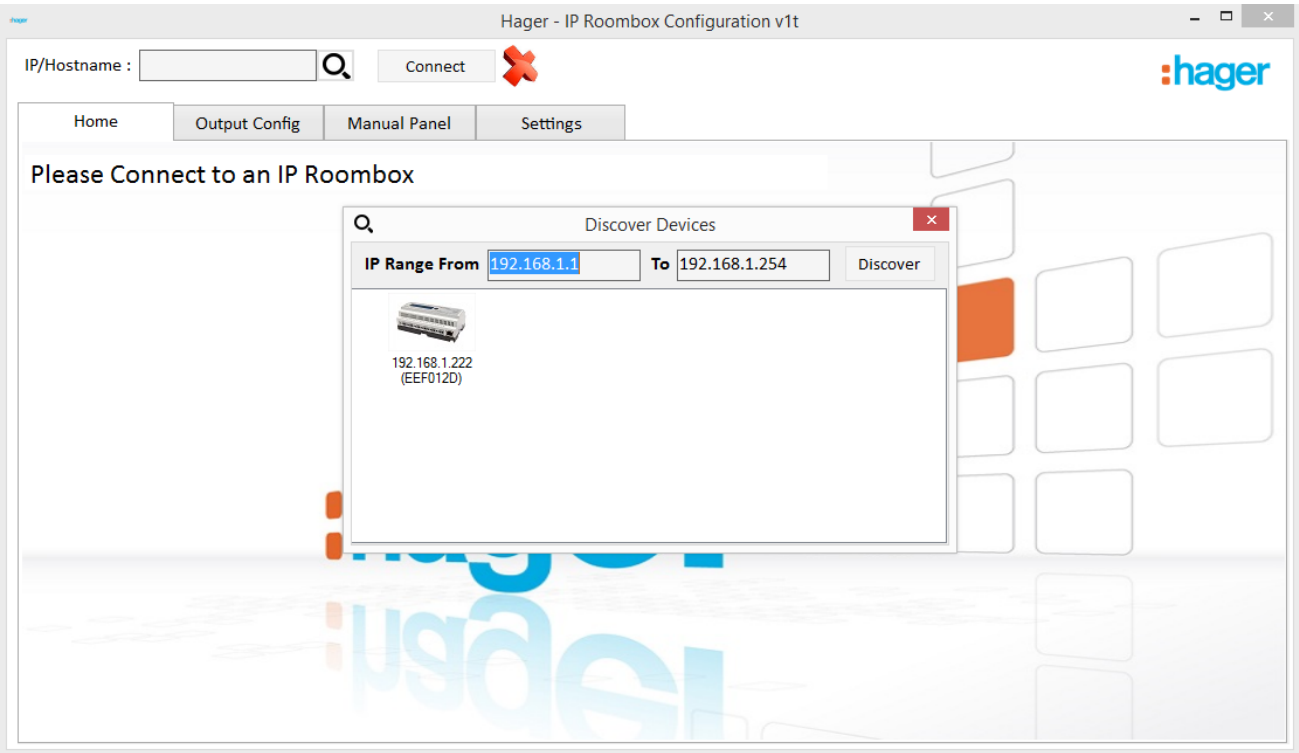
4.2.3 With the discover function

In order to see the different products connected to the computer or to the same network than the computer used, use the discover function:

- Click on the icon
- A new windows appears where an IP Range has to be indicated to make a search



- Complete the fields “From” and “to” in order to indicate on which IP Address range the discover has to be done
- Then click on “Discover” button
- When the research is complete the different products connected to the network can be seen, reference and IP address of each products are displayed
- Make a double click on one product to select it in order to connect to it



5 OUTPUT CONFIG TAB

The Output Config tab is the tab where the complete configuration can be seen and configured concerning the Outputs & the Inputs of the products.

5.1 Global definition of Inputs / Virtual Inputs / Output status

In this part we will define briefly what means Inputs / Virtual Inputs / Output status

These 3 elements can be used for all the function as control.

5.1.1 Inputs

The inputs means the physical Inputs available on the EEF012 and EEF012D, on each product there is a maximum of 12 inputs from 1 to 12

IN1 / IN2 / IN3 / IN4 / IN5 / IN6 / IN7 / IN8 / IN9 / IN10 / IN11 / IN12

These inputs are available to control all the outputs; they are also used as control for the possible authorizations depending the function selected.

5.1.2 Output Status

The output status means the status of the physical outputs available on the EEF012 and EEF012D; on each product there is a maximum of 12 ON/OFF Outputs from 1 to 12 and one Internal dimmer output but only on the EEF012D.

The output status will be used as a trigger to activate or unactivate the output which is being configured; this option can be useful if an automatism in cascade need to be created.

5.1.3 Virtual Inputs

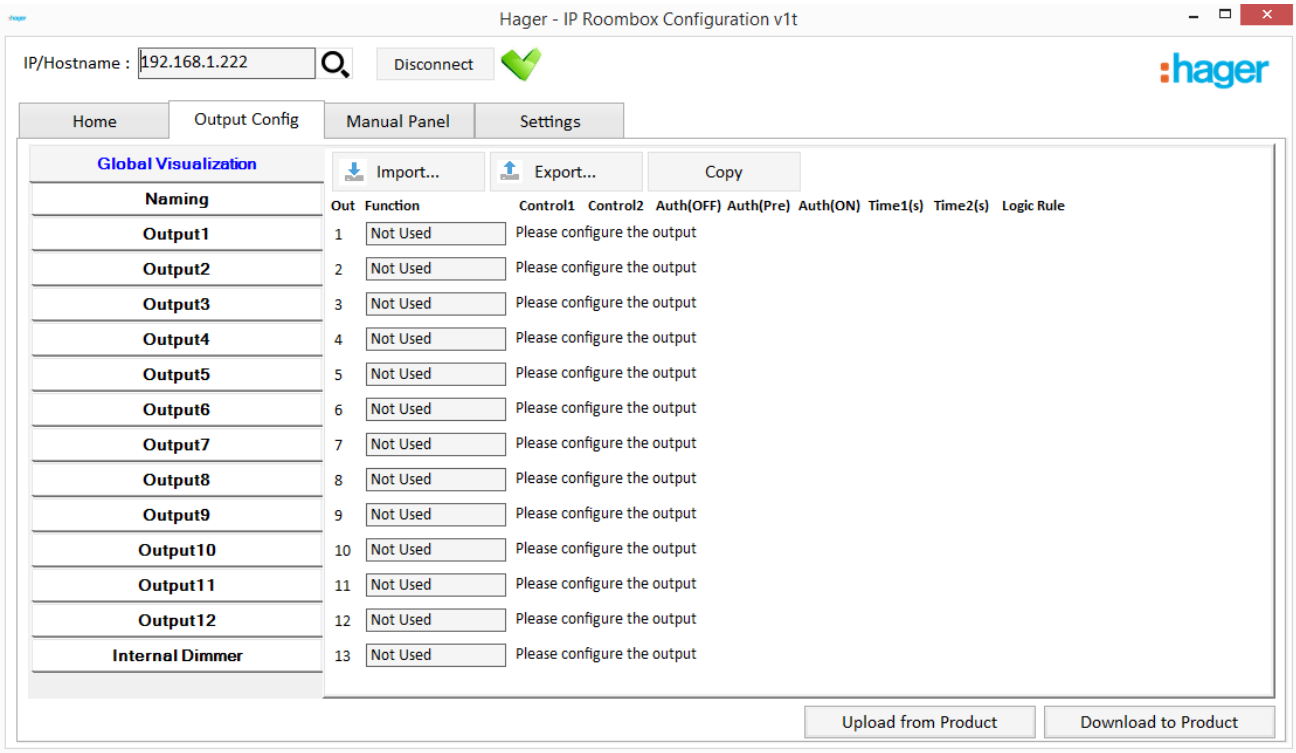
Keep in mind that virtual Inputs are not physical inputs; they will be used for the Hotel System Manager, if there is no need for the use of the Hotel System Manager in the project there will be no need to use the virtual inputs.

The virtual inputs are software virtual buttons, if it is absolutely necessary to control an output at distance it is mandatory to indicate at least one Virtual Input as control in order to control this output in the Hager Hotel System Manager.

If there is only an Input (physical one) or Output status as authorization it will not be possible to control it from the Hotel System Manager.

The virtual inputs buttons are present in the Manual panel, by this way it is possible to check if a virtual input is well configured to control an output or not.

5.2 Global Vizualization



In the Global visualization, right after the connection to the product it is possible to see what is the current configuration of the outputs in the products, then each time a modification will be made in one of the output tab it will be immediately displayed in the global visualization tab.

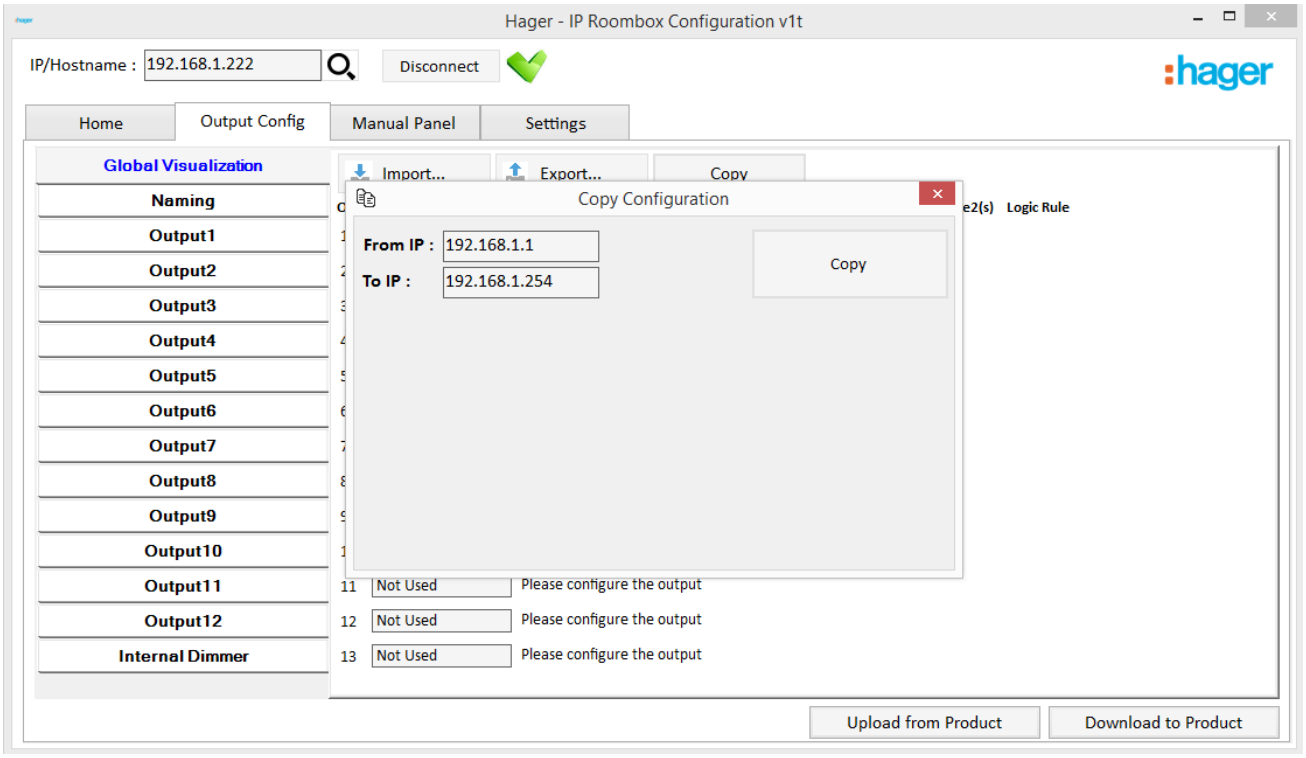
If an output is not yet configured the message “Please configure the output” will be displayed.

Then for each configured output, the different parameters set such as the Controls (Input 1, Input 2 …), the Authorization, the Time 1 and Time 2 (generally referring to engaging and release delay) and even the logic rule if it has configured one can be seen.

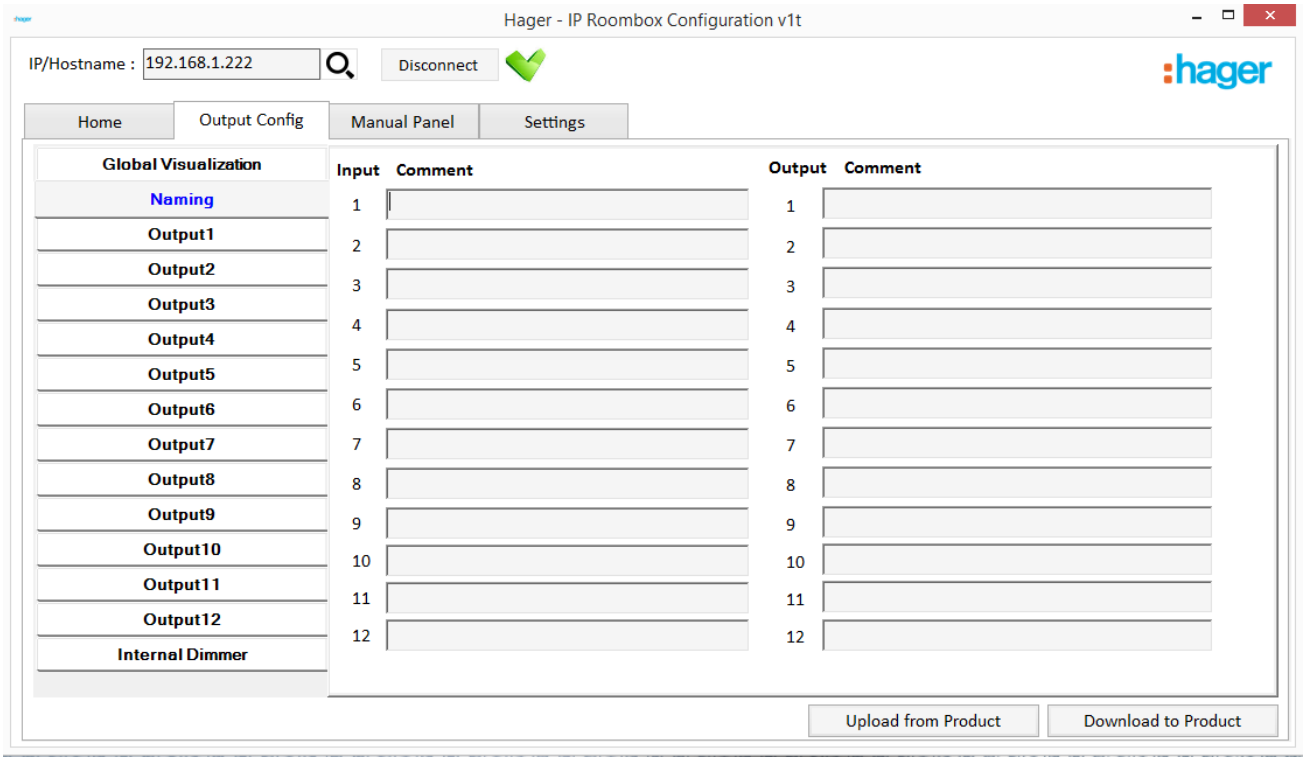
In addition to this there are 3 buttons at the top of this tab:

- Import: it is possible to import a configuration from a file in order to download it into the product connected

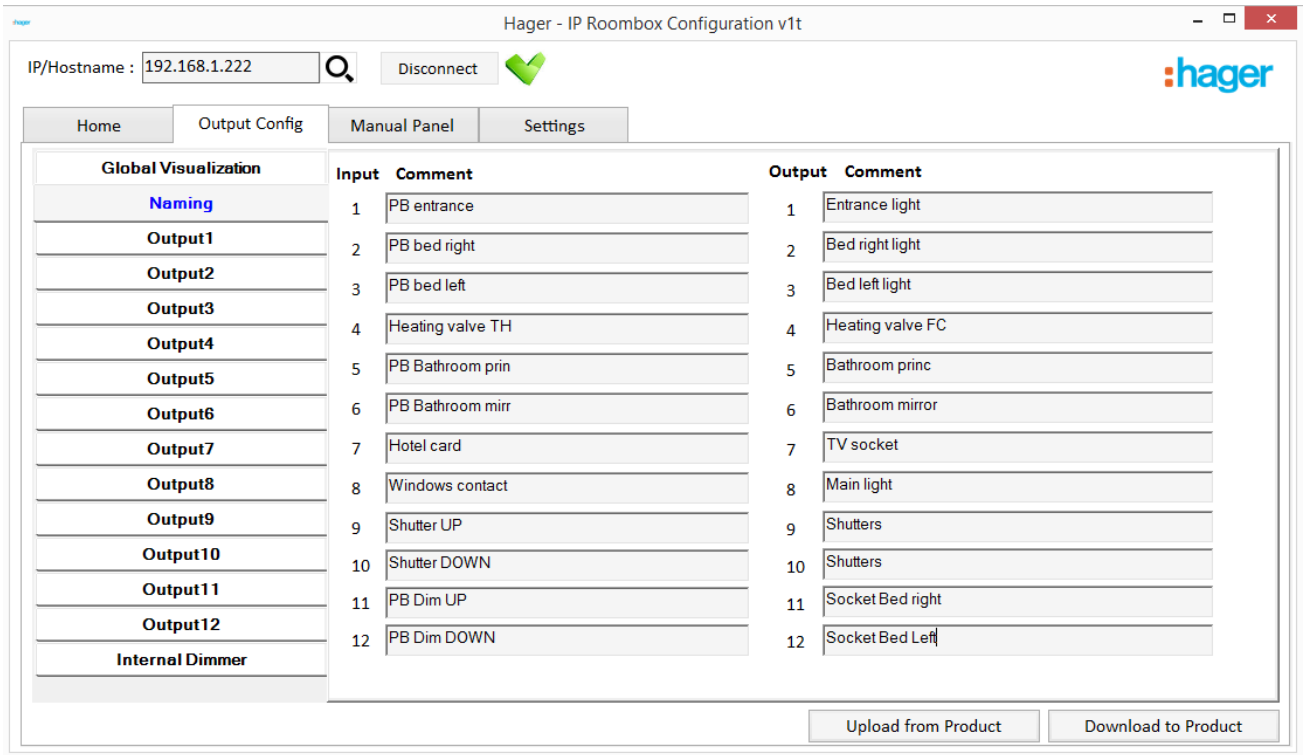
- Export: it is possible to export the configuration from the product connected to the computer in order to use in on another project or for maintenance purpose
- Copy: it is possible to copy the configuration to hundreds of products, indicate from which IP Address to which IP Address it is necessary to copy the configuration then just click on the “Copy” button and the configuration will be instantaneously copied on all the products present in the indicated IP Address range.



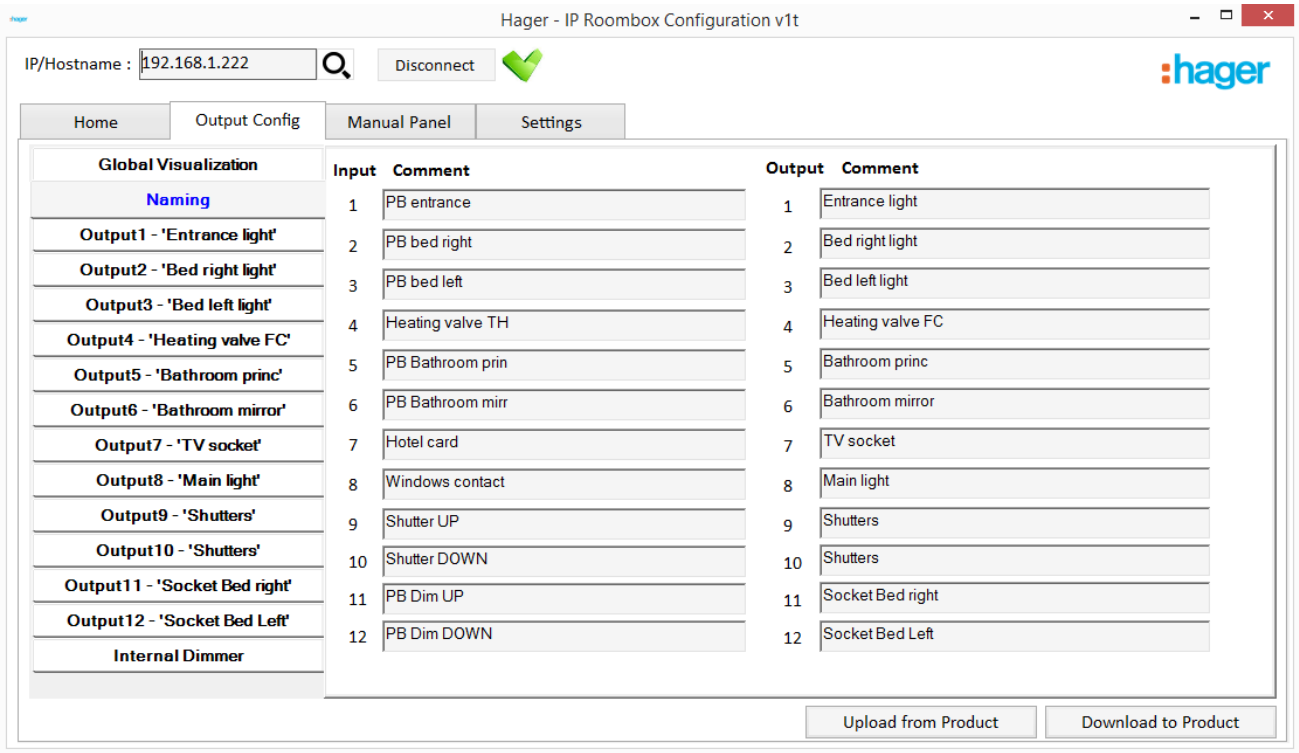
5.3 Naming



The Naming sub-tab is here to help the current installer and future installers in case of maintenance purpose. It allows indicating what are the Inputs and Outputs of the Room, like “Bathroom PB” for the Input or “Bathroom Light” for the Output, by this way even at distance it is possible to directly know to what are referring the Inputs & Outputs of the IP Roombox.

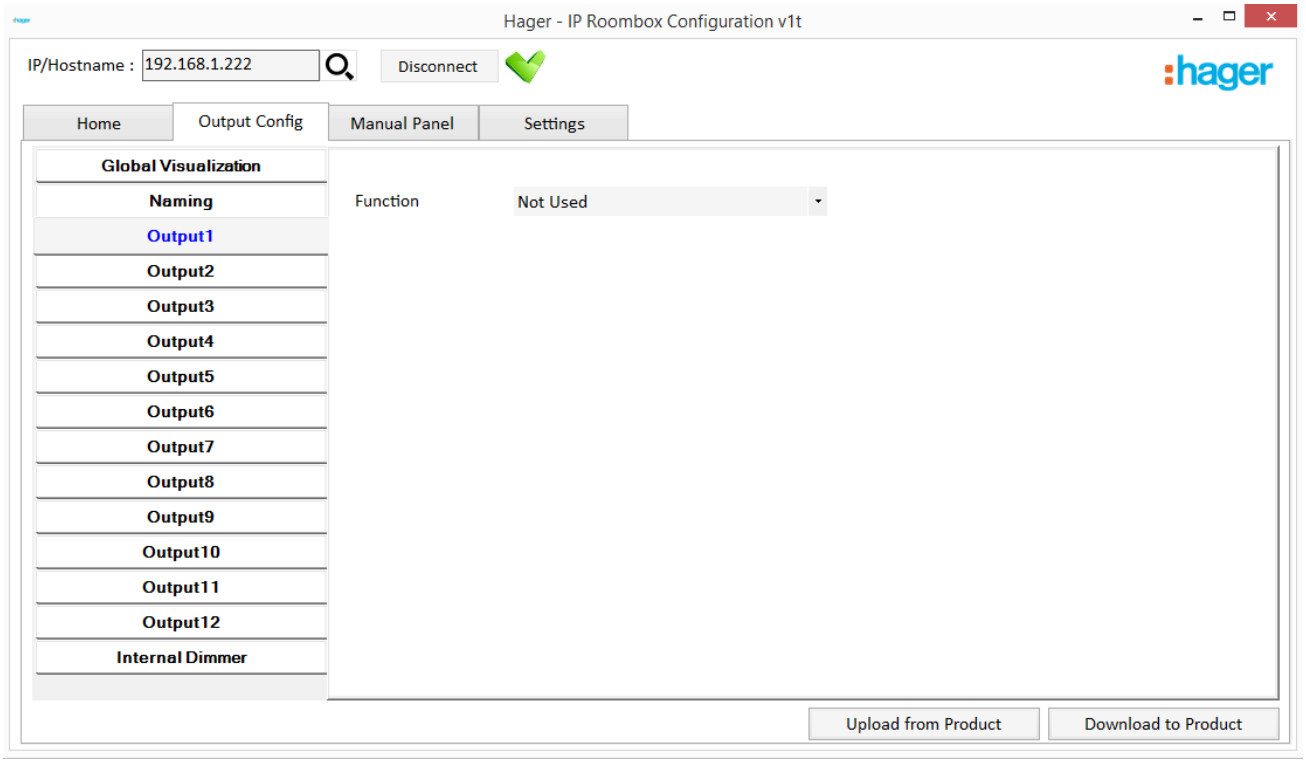


The Output naming has also the advantage to be dynamical; it means each time something is written in the Output naming after clicking on “Download to the product” the output names will be added in the output sub-tab, like the example right under.



5.4 Not Used

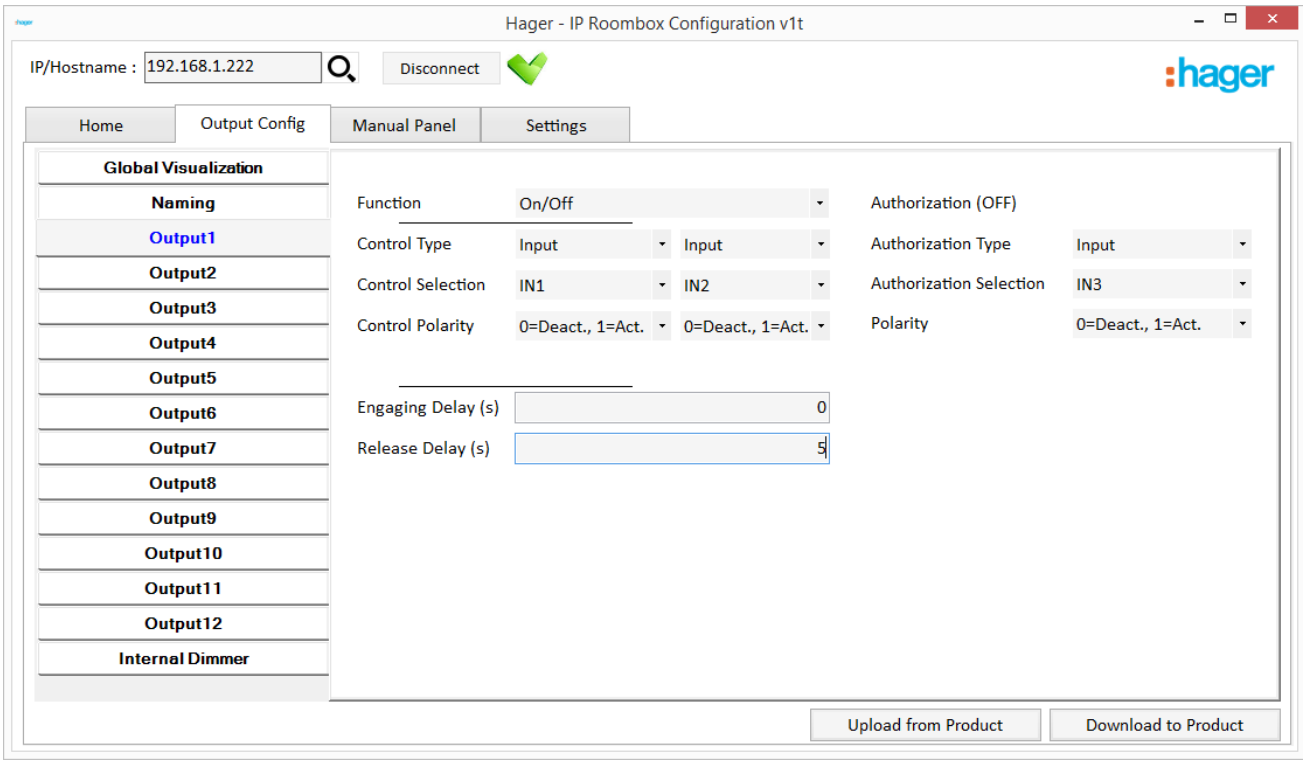
By default all the outputs functions of the product are defined as “Not Used” by this way there are absolutely no interaction possible between the Inputs/Virtual Inputs and the Outputs. It means the Output can only be activated manually in the Manual Panel (which is described later in this document).



5.5 On/Off

Using this function the output contact is closed when the control type set is true and open when the control type is false.

For example if Push Button is indicated as Input Control for the Output: when there will be a press on the button the output will stay On until it is released. When the button is released the Output will be Off.

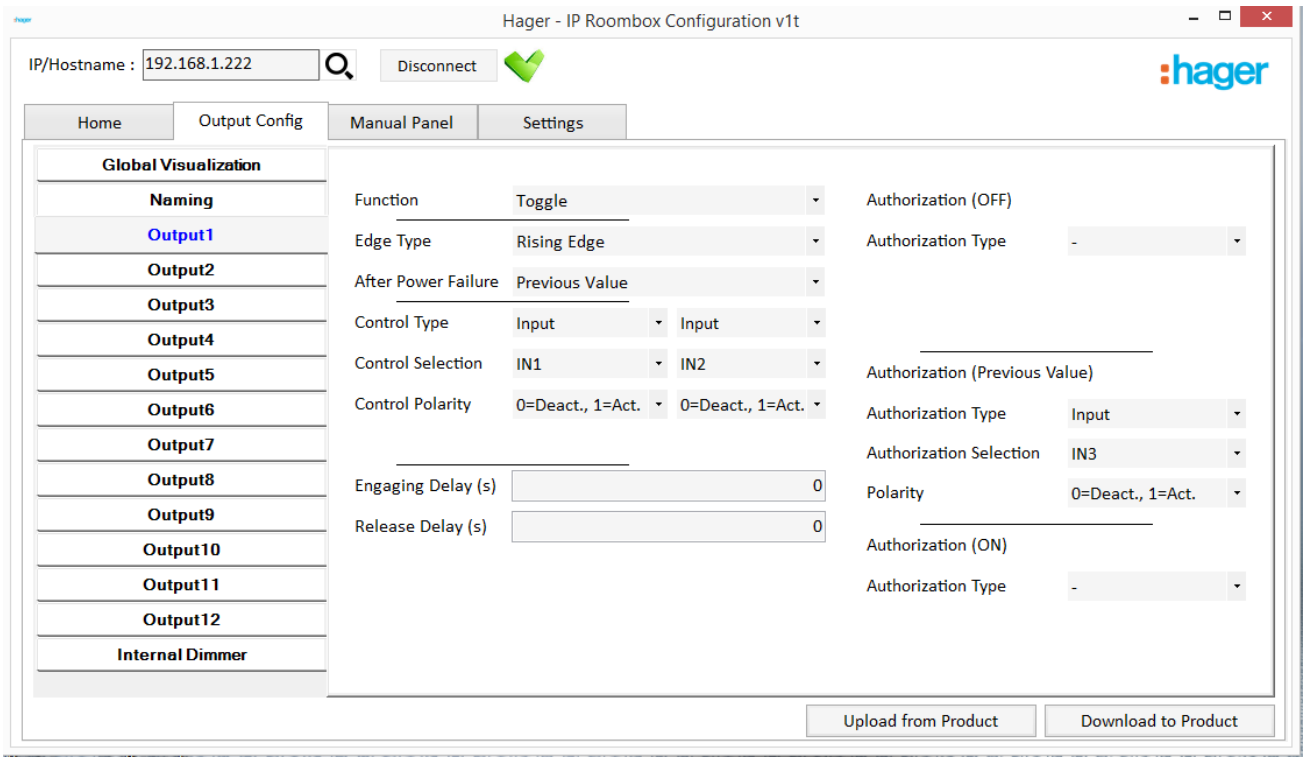


Label	Description	Possible choices
Function	Choose here the adequate function, On/Off in the example	**Not Used** On/Off Timer Toggle Shutter External dimmer
Control Type	Choose here what type of Control you want to define to activate the output you are configuring. It is possible to have 2 different controls type, they are working under an OR function.	**Input** Output status Virtual Input
Control Selection	Depending the Control type chosen chose in the list which Control selection you want to use to activate the output you are configuring. It is possible to have 2 different controls selection, they are working under an OR function.	**IN1**…IN12 OUT1…OUT12 VIN1…VIN12
Control Polarity	For each control it is possible to reverse the polarity depending your need	**0=Deact., 1=Act.** 1=Deact., 0=Act.
Engaging delay (s)	This parameter define the minimum time the Control need to be activated in order to turn On the Output	**0**-65536s
Release delay (s)	This parameter define the time the output will stay activated after the Control is no more activated	**0**-65536s
Authorization (OFF)	The authorization act like an activation condition, if the Authorization is not valid the output cannot be activated even if the Controls are rightly activated. The “OFF” indicate what will be the status of the Output when the Authorization will be true again.	NA
Authorization Type	Choose here what type of Control you want to define your authorization concerning the output you are configuring.	**-** Input Output status Virtual Input
Authorization Selection	Depending the Authorization type chosen chose in the list which Authorization selection you want to use concerning the output you are configuring.	IN1…IN12 OUT1…OUT12 VIN1…VIN12
Polarity	For each Authorization it is possible to reverse the polarity depending your need	0=Deact., 1=Act. 1=Deact., 0=Act.

5.6 Toggle

Using this function the output contact is alternatively closed & opened each time the control type set is true.

For example if a Push button is indicated as Input Control for the Output: when a first short press will be made on the button the output will turn On if a second short press is made on the push button the output will turn Off.



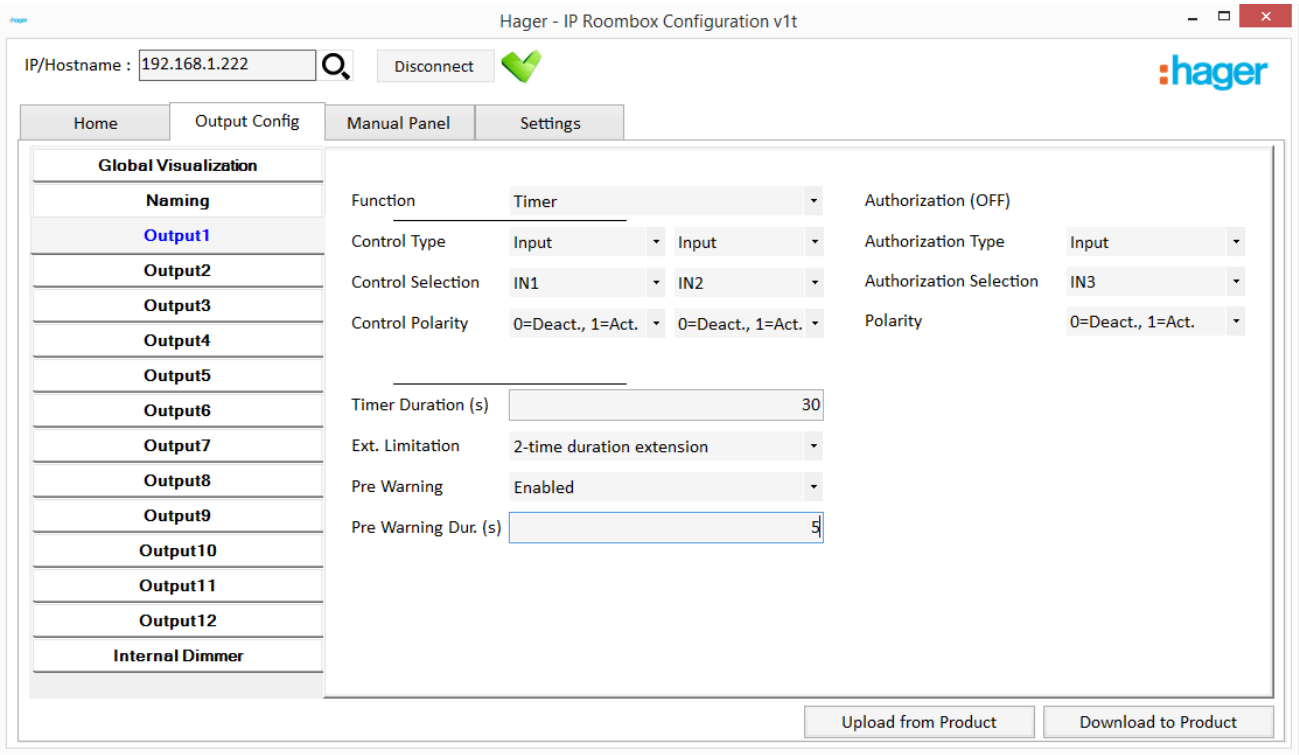
Label	Description	Possible choices
Function	Choose here the adequate function, Toggle in the example	**Not Used** On/Off Timer Toggle Shutter External dimmer
Edge Type	Here it is possible to choose to activate/unactivate the output on the rising edge or falling edge, it means on the press or release of the push button	**Rising edge** Falling edge
After Power Failure	Here it is possible to choose what will be the status of the output after a power failure	**OFF** ON Previous Value
Control Type	Choose here what type of Control you want to define to activate the output you are configuring. It is possible to have 2 different controls type, they are working under an OR function.	**Input** Output status Virtual Input
Control Selection	Depending the Control type chosen chose in the list which Control selection you want to use	**IN1**…IN12 OUT1…OUT12 VIN1…VIN12

	to activate the output you are configuring. It is possible to have 2 different controls selection, they are working under an OR function.	
Control Polarity	For each control it is possible to reverse the polarity depending your need	**0=Deact., 1=Act.** 1=Deact., 0=Act.
Engaging delay (s)	This parameter define the minimum time the Control need to be activated in order to turn On the Output	**0**-65536s
Release delay (s)	This parameter define the time the output will stay activated after the Control is no more activated	**0**-65536s
Authorization (OFF/ON/Previous value)	The authorization act like an activation condition, if the Authorization is not valid the output cannot be activated even if the Controls are rightly activated. You have the possibility to have until 3 different authorization, the indication “OFF”/”ON”/”Previous value” indicate what will be the status of the Output when the Authorization will be true again.	NA
Authorization Type	Choose here what type of Control you want to define your authorization concerning the output you are configuring.	**-** Input Output status Virtual Input
Authorization Selection	Depending the Authorization type chosen chose in the list which Authorization selection you want to use concerning the output you are configuring.	IN1…IN12 OUT1…OUT12 VIN1…VIN12
Polarity	For each Authorization it is possible to reverse the polarity depending your need	0=Deact., 1=Act. 1=Deact., 0=Act.

5.7 Timer

Using this function the output contact will stay closed during the configured time.

For example if a Push Button is indicated as Input Control for the Output: when a first short press will be made on the button the output will turn On and stay On during the time configured.



Label	Description	Possible choices
Function	Choose here the adequate function, Timer in the example	**Not Used** On/Off Timer Toggle Shutter External dimmer
Control Type	Choose here what type of Control you want to define to activate the output you are configuring. It is possible to have 2 different controls type, they are working under an OR function.	**Input** Output status Virtual Input
Control Selection	Depending the Control type chosen chose in the list which Control selection you want to use to activate the output you are configuring. It is possible to have 2 different controls selection, they are working under an OR function.	**IN1**…IN12 OUT1…OUT12 VIN1…VIN12
Control Polarity	For each control it is possible to reverse the polarity depending your need	**0=Deact., 1=Act.** 1=Deact., 0=Act.
Timer duration (s)	This parameter define the time during the one the output will be activated after each press (or when the logic rule become true)	**0**-65536s
Ext. Limitation	This parameter defines the maximum retriggering it is possible to make. Ex: if you make a double short press the timer duration will be double, if you make a triple short press the timer duration will	**No limitation** 1-time duration extension 2-time duration extension 3-time duration extension 4-time duration extension 5-time duration extension

	be tripled… With this parameter it is possible to fix a limit to indicate even if the user make 20 short press it will take into account only 2 short press.	
Pre warning	With this parameter it is possible to enable or disable the pre warning function, it means Xs before the end of the timer duration the load will blink 1s	**Enable** Disable
Pre warning dur. (s)	With this parameter you define how many seconds before the end of timer duration the load will blink during 1s	
Authorization (OFF)	The authorization act like a activation condition, if the Authorization is not valid the output cannot be activated even if the Controls are rightly activated. You have the possibility to have 1 authorization, the indication “OFF” indicate what will be the status of the Output when the Authorization will be true again.	NA
Authorization Type	Choose here what type of Control you want to define your authorization concerning the output you are configuring.	**-** Input Output status Virtual Input
Authorization Selection	Depending the Authorization type chosen chose in the list which Authorization selection you want to use concerning the output you are configuring.	IN1…IN12 OUT1…OUT12 VIN1…VIN12
Polarity	For each Authorization it is possible to reverse the polarity depending your need	0=Deact., 1=Act. 1=Deact., 0=Act.

5.8 Shutter

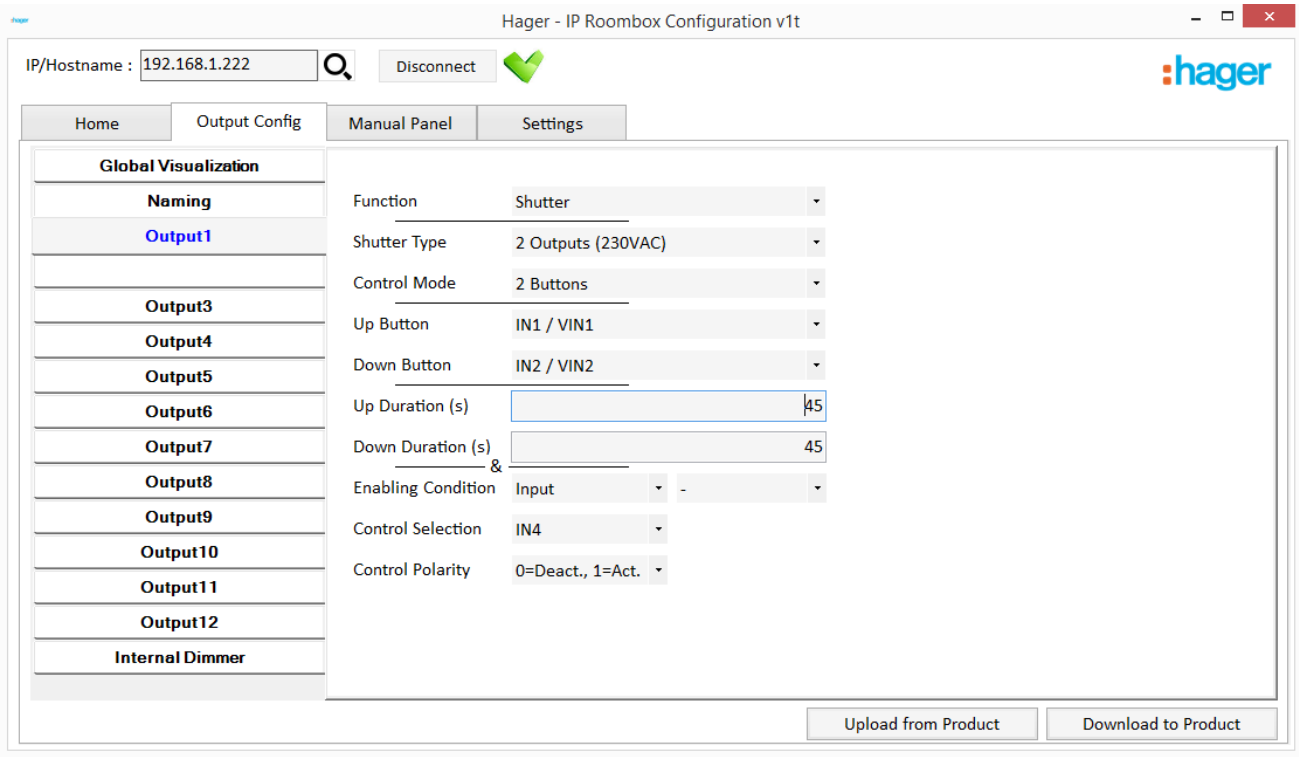
This function is dedicated for electrical shutters.

It is possible to control 2 types of shutters, 230VAC shutter motor or 24VDC shutter motor. For 230VAC shutter motor 2 outputs are necessary. For 24VDC shutter motor 4 outputs are necessary.

For security reason the shutter 230VAC function is only available on outputs 1,3,5,7,9,11 as it requires 2 outputs.

For security reason the shutter 24VDC function is only available on outputs 1, 5, 9 as it requires 4 outputs.

In this function it is impossible to dissociate the Inputs and the Virtual Inputs, when the Up or Down or Up/Down button are chosen, a couple Inputs/Virtual Inputs is automatically defined (ex: IN1/VIN1)



Label	Description	Possible choices
Function	Choose here the adequate function, Toggle in the example	**Not Used** On/Off Timer Toggle Shutter External dimmer
Shutter type	Indicate here if your shutter motor is a 230VAC shutter motor which will require 2 outputs OR a 24VDC shutter motors which will require 4 outputs.	**2 Outputs (230VAC)** 4 outputs (24VDC)
Control Mode	Select if you want to control your shutter with 1 button (the same button will be used for UP & DOWN) or 2 buttons (1 button will be dedicated for UP and another one for DOWN)	1 button **2 buttons**
Up/Down Button	In the case of 1 button selection you will have to indicate which Inputs/Virtual Inputs you want to use to control your shutters for Up/Down	**IN1/VIN1**…IN12/VIN12
Up button	In the case of 2 buttons selection you have to indicate which Inputs/Virtual Inputs will be used for Up command	**IN1/VIN1**…IN12/VIN12
Down button	In the case of 2 buttons selection you have to indicate which Inputs or Outputs status or Virtual Inputs will be used for Down command	**IN1/VIN1**…IN12/VIN12

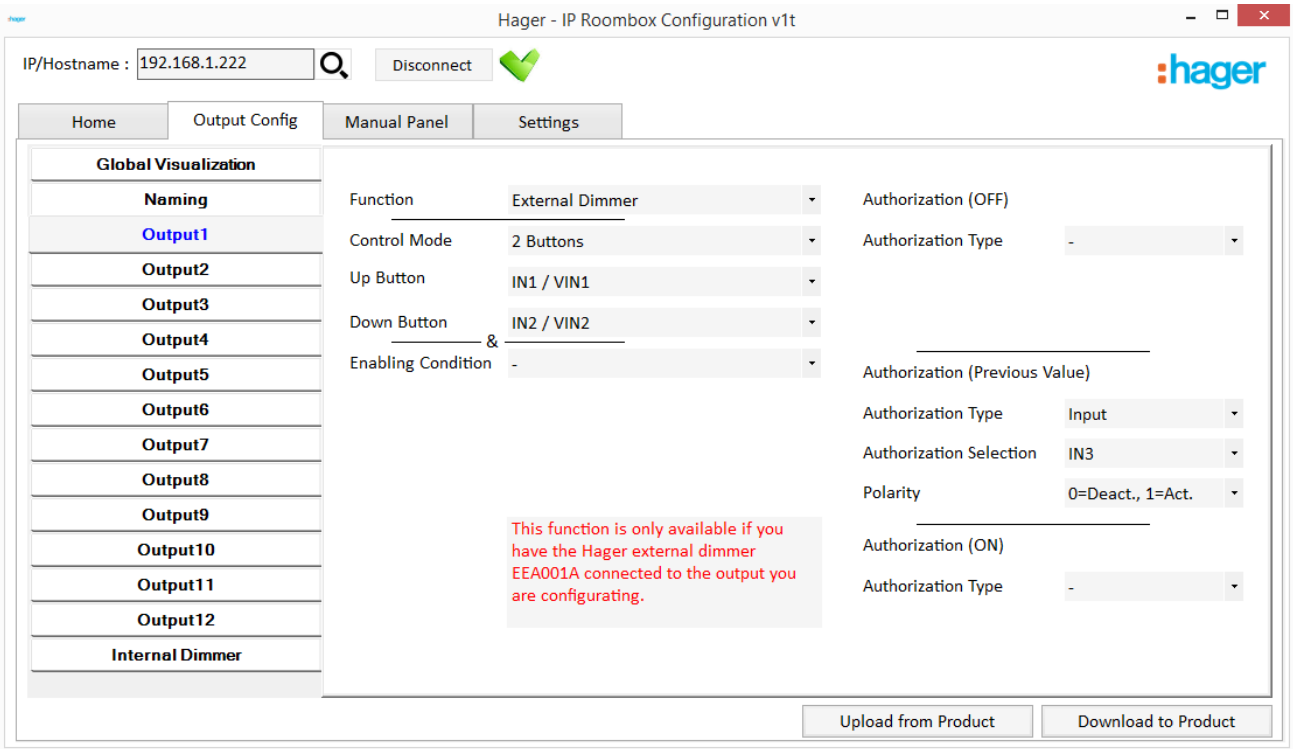
Enabling condition	It is possible to define up to 2 enabling conditions, choose here what type of Control you want to define your enabling condition concerning the output you are configuring.	**-** Input Output status Virtual Input
Control Selection	Choose in the list the control selection you want to use for your enabling condition concerning the output you are configuring.	**IN1**…IN12 OUT1…OUT12 VIN1…VIN12
Polarity	For each Enabling condition it is possible to reverse the polarity depending your need	**0=Deact., 1=Act.** 1=Deact., 0=Act.

5.9 External dimmer

Important: This function is only available if you have the Hager external dimmer EEA001A connected to the output you are configuring.

With this function it is possible to control an external dimmer EEA001A which is connected to the output which is being configured.

In this function it is impossible to dissociate the Inputs and the Virtual Inputs, when the Up or Down or Up/Down button are chosen, a couple Inputs/Virtual Inputs is automatically defined (ex: IN1/VIN1)



Label	Description	Possible choices
Function	Choose here the adequate function, External dimmer in the example	**Not Used** On/Off Timer Toggle Shutter External dimmer

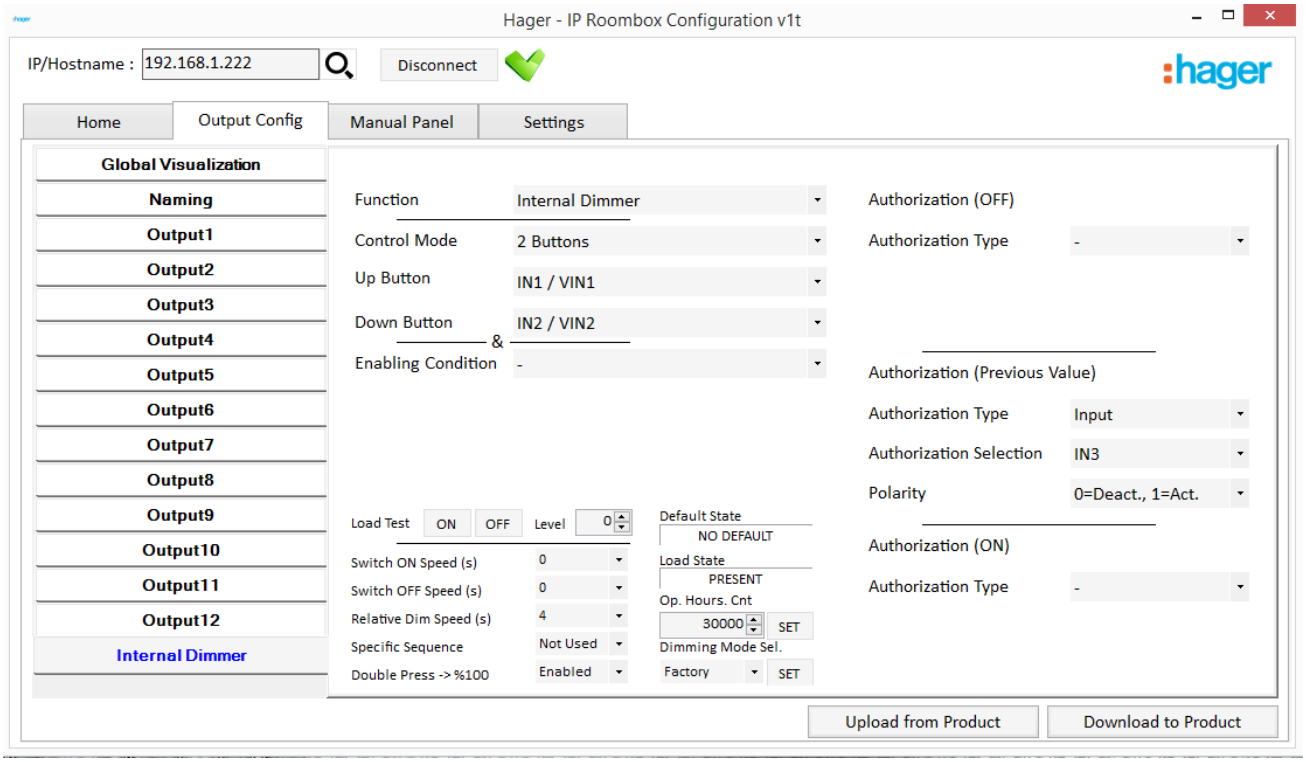
Control Mode	Select if you want to control your dimmer with 1 button (the same button will be used for UP & DOWN) or 2 buttons (1 button will be dedicated for UP and another one for DOWN)	1 button **2 buttons**
Up/Down Button	In the case of 1 button selection you will have to indicate which Inputs/Virtual Inputs you want to use to control your dimmer for Up/Down	**IN1/VIN1**…IN12/VIN12
Up button	In the case of 2 buttons selection you have to indicate which Inputs/Virtual Inputs will be used for Up command	**IN1/VIN1**…IN12/VIN12
Down button	In the case of 2 buttons selection you have to indicate which Inputs or Outputs status or Virtual Inputs will be used for Down command	**IN1/VIN1**…IN12/VIN12
Enabling condition	It is possible to define 1 enabling conditions, choose here what type of Control you want to define your enabling condition concerning the output you are configuring.	**-** Input Output status Virtual Input
Control Selection	Choose in the list the control selection you want to use for your enabling condition concerning the output you are configuring.	**IN1**…IN12 OUT1…OUT12 VIN1…VIN12
Control Polarity	For each Enabling condition it is possible to reverse the polarity depending your need	**0=Deact., 1=Act.** 1=Deact., 0=Act.
Authorization (OFF/ON/Previous value)	The authorization act like an activation condition, if the Authorization is not valid the output cannot be activated even if the Controls are rightly activated. You have the possibility to have until 3 different authorization, the indication “OFF”/”ON”/”Previous value” indicate what will be the status of the Output when the Authorization will be true again.	NA
Authorization Type	Choose here what type of Control you want to define your authorization concerning the output you are configuring.	**-** Input Output status Virtual Input
Authorization Selection	Depending the Authorization type chosen chose in the list which Authorization selection you want to use concerning the output you are configuring.	**IN1**…IN12 OUT1…OUT12 VIN1…VIN12
Polarity	For each Authorization it is possible to reverse the polarity depending your need	**0=Deact., 1=Act.** 1=Deact., 0=Act.

5.10 **Internal dimmer**

Important: This function is only available with the Hager IP Roombox EEF012D.

With this function it is possible to control the internal dimmer output of the EEF012D which is being configured.

In this function it is impossible to dissociate the Inputs and the Virtual Inputs, when the Up or Down or Up/Down button are chosen, a couple Inputs/Virtual Inputs is automatically defined (ex: IN1/VIN1)



Label	Description	Possible choices
Function	Choose here the adequate function, only Internal dimmer function is available for this Internal dimmer output.	**Not Used** Internal dimmer
Control Mode	Select if you want to control your dimmer with 1 button (the same button will be used for UP & DOWN) or 2 buttons (1 button will be dedicated for UP and another one for DOWN)	1 button **2 buttons**
Up/Down Button	In the case of 1 button selection you will have to indicate which Inputs/Virtual Inputs you want to use to control your dimmer for Up/Down	**IN1/VIN1**…IN12/VIN12
Up button	In the case of 2 buttons selection you have to indicate which Inputs/Virtual Inputs will be used for Up command	**IN1/VIN1**…IN12/VIN12
Down button	In the case of 2 buttons selection you have to indicate which Inputs or Outputs status or Virtual Inputs will be used for Down command	**IN1/VIN1**…IN12/VIN12
Enabling condition	It is possible to define 1 enabling conditions, choose here what type	**-** Input

	of Control you want to define your enabling condition concerning the output you are configuring.	Output status Virtual Input
Control Selection	Choose in the list the control selection you want to use for your enabling condition concerning the output you are configuring.	**IN1**…IN12 OUT1…OUT12 VIN1…VIN12
Control Polarity	For each Enabling condition it is possible to reverse the polarity depending your need	**0=Deact., 1=Act.** 1=Deact., 0=Act.
Authorization (OFF/ON/Previous value)	The authorization act like an activation condition, if the Authorization is not valid the output cannot be activated even if the Controls are rightly activated. You have the possibility to have until 3 different authorization, the indication “OFF”/”ON”/”Previous value” indicate what will be the status of the Output when the Authorization will be true again.	NA
Authorization Type	Choose here what type of Control you want to define your authorization concerning the output you are configuring.	**-** Input Output status Virtual Input
Authorization Selection	Depending the Authorization type chosen chose in the list which Authorization selection you want to use concerning the output you are configuring.	**IN1**…IN12 OUT1…OUT12 VIN1…VIN12
Polarity	For each Authorization it is possible to reverse the polarity depending your need	**0=Deact., 1=Act.** 1=Deact., 0=Act.
Load Test	The 2 buttons ON/OFF allows you to switch ON or switch OFF the load connected to the Internal dimmer output.	**NA**
Level	With this parameter it is possible to instantaneously dim the load level from 0% to 100%, it is possible to use the arrows or type directly a level	**0%** …100%
Switch ON Speed (s)	When the load is OFF, this parameter defines the time needed to go from 0% to the last known level of the load before it was OFF.	
Switch OFF Speed (s)	When the load is ON, this parameter defines the time needed to go from the current level to 0% (=OFF).	
Relative Dim Speed (s)	When the load is OFF, this parameter defines the time needed to go from 0% to 100% with a long press.	
Specific sequence	With his parameter it is possible to activate or inactivate the specific sequence: directly from the push button which control the internal	**Not used** Used

	dimmer output it is possible to run a specific sequence to enter: - In factory mode: Long press of 10s and 2 short press - In learning mode: long press of 10s and 1 short press	
Double press => 100%	With this parameter it is possible to enable or disable the fact that a double press switch On the load to 100%	**Enabled** Disabled
Default state	In this field it is possible to see if there is a default from the internal dimmer output	**NO DEFAULT** OVERLOAD OVERHEATING OVERVOLTAGE SHORT CIRCUIT
Load state	In this field it is possible to see if the output detect a load or not	**MISSING** PRESENT
Op. Hours Cnt.	In this field it is possible to set a define theoretical duration life of your load, then this counter will decrement according the time the load stay ON, when you connect later on the product you will be able to see what is the status of this counter, you have to click on the button SET in order to make it effective	
Dimming mode sel.	With this parameter it is possible to instantaneously force a dimming mode, this mainly occurs when you change your type of load or when you are not satisfied with the dimming capacity of your load in factory mode	**Factory** Capacitive load Inductive load CFL LED Learning

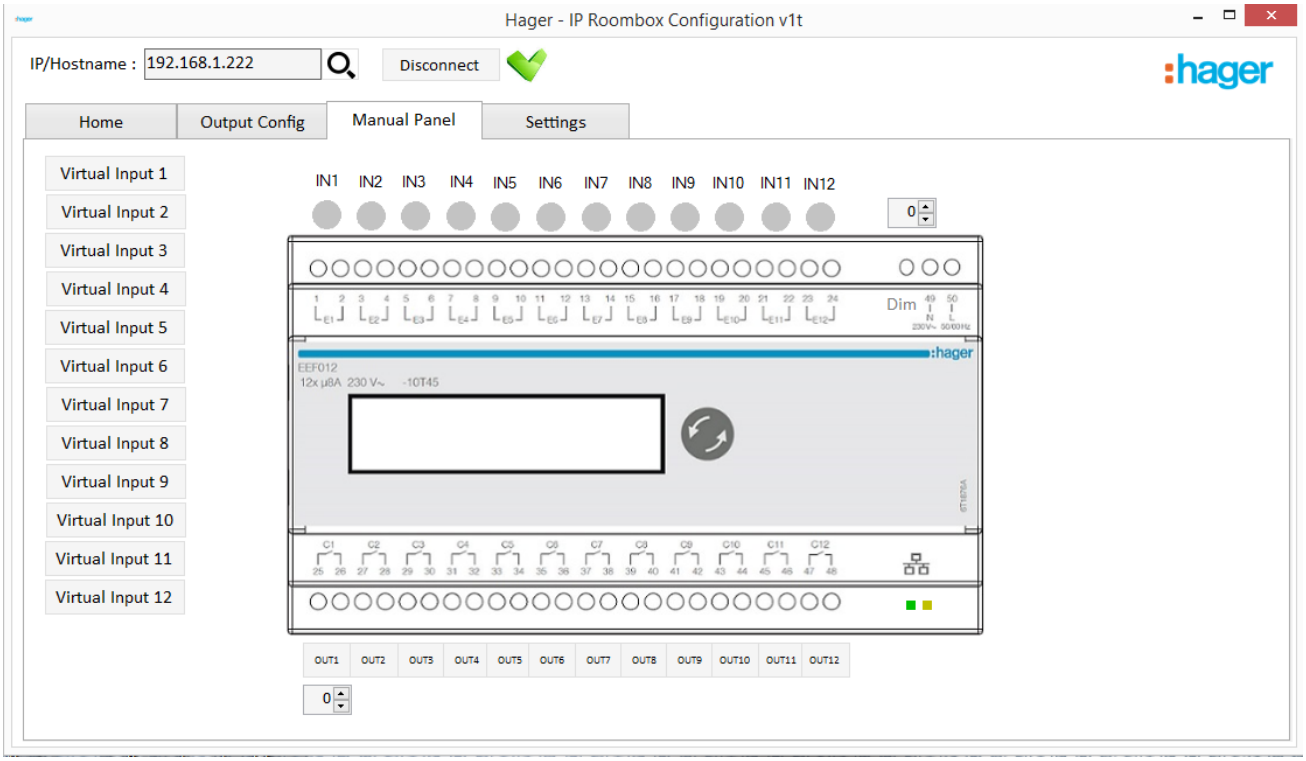
Note: In order to play instantaneously with the settings “Load test” Level” choose first Internal dimmer function and “Download to product” in order to activate the Internal dimmer output.

Note: In order to see the Default state and Load state choose first Internal dimmer function and “Download to product” in order to activate the Internal dimmer output.

6 Manual panel

The manual panel allows to:

- See the Input status
- See the Output status
- See the dimmer output level (internal or external dimmer)
- See if there is Ethernet connection running
- Activate manually the Output
- Activate manually the Virtual Inputs



6.1.1 Input status

On this manual panel it is possible to see directly and in real time the Input status, if an input is activate the little circle under its label will be in green, when the input is not active the little circle will be in grey.

6.1.2 Output status

On this manual panel it is possible to also see directly and in real time the Output status, if the output is active (= if the relay is close) the little rectangle behind its label will be in green, when the output is not active (= if the relay is open) the little rectangle behind its label will be in grey.

6.1.3 Output activation

Concerning the output the little rectangle are also buttons, it is possible to click on it to activate/unactivate the output.

6.1.4 Active Ethernet connection

At the bottom right of the product picture it is possible to see green and yellow symbol, if they are blinking in the manual panel it means the Ethernet connection on the product is wired to a network.

6.1.5 External dimmer field

If an output is configured with the function External dimmer like the Output 1 in our example, a new field will appear under OUT1 where it is possible to directly set the load level and dim with the arrows of this field.

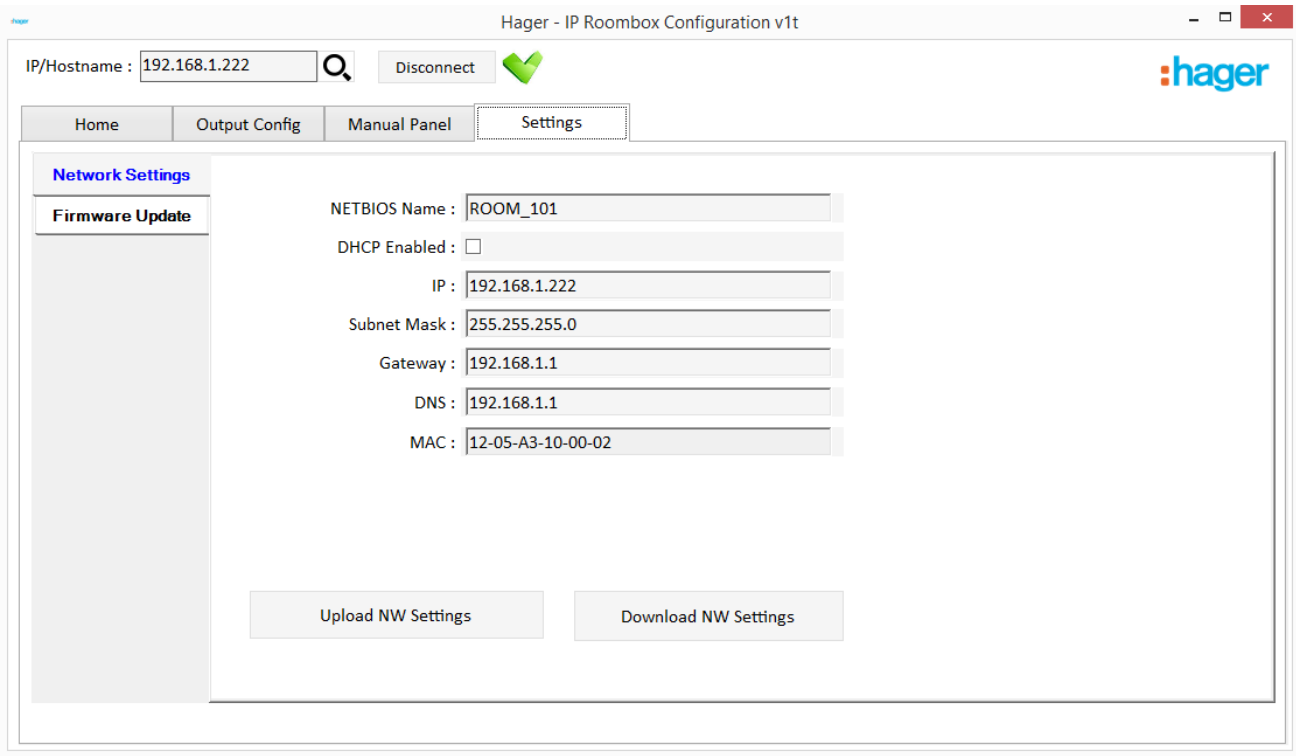
6.1.6 Internal dimmer field

If the Internal dimmer is activated on the Internal dimmer output (only available on EEF012D) a new field will appear at the top right of the product where it is possible to directly set the load level and dim with the arrows of this field.

7 Settings

The setting part is divided in 2 sub-tabs, one dedicated for the network settings and one dedicated for the firmware update.

7.1 Network settings



In this sub-tab Network settings it is possible to see what are the current network settings of the product you are connected, it is possible to also change all these settings and upload the changes to the product clicking on “Upload to product” after made changes.

NetbiosName: This name is the name of the product, it is possible to use it to connect to the product into the software configuration, and in case of dynamical IP network it will be useful to set correctly one unique NetbiosName per product in order to use only this and not the IP Address.

DHCP Enabled: If this box is ticked it indicates to the IP Roombox that it is on a dynamical IP network and there is a DHCP router which will affect dynamical IP Address to the different IP products connected to this network. If this box is ticked there is a lot of chance that the IP Address will change.

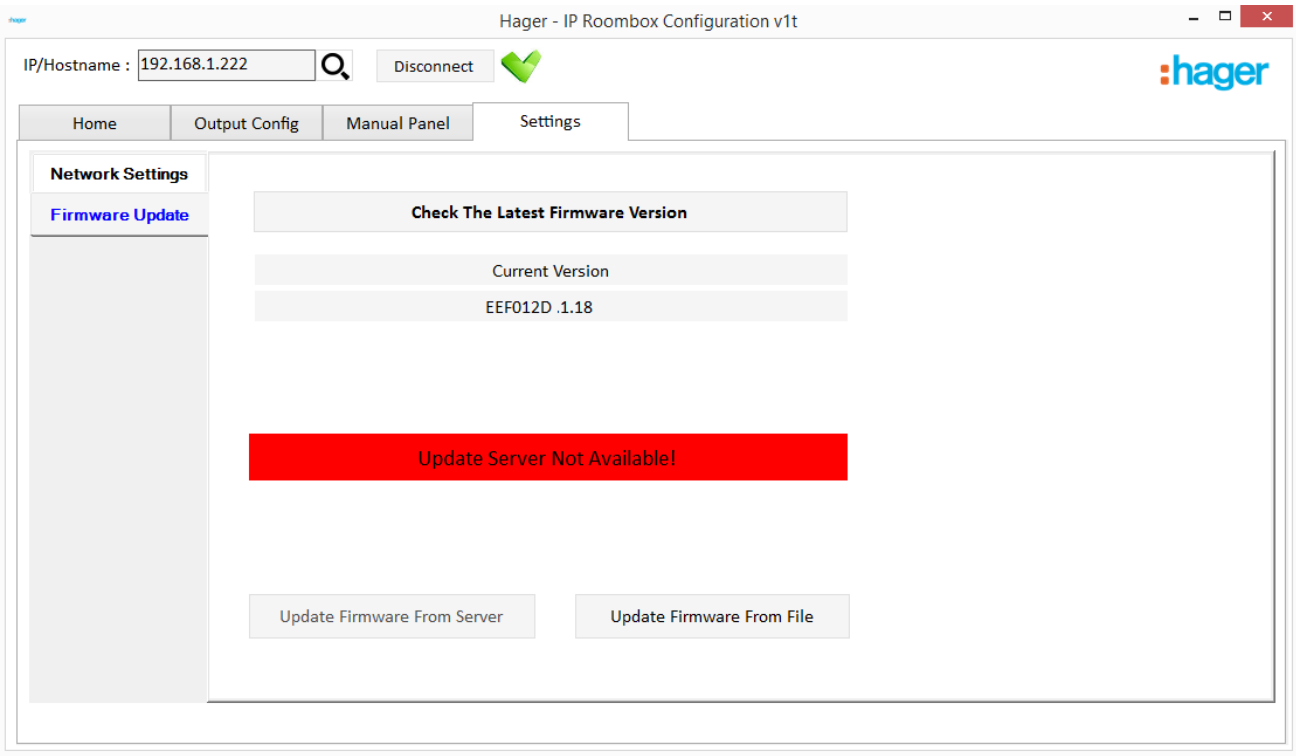
Subnet Mask: The subnet mask is a mask which is indicating the number of bytes of an IPv4 address used to identify this sub network and the number of bytes to characterize the guests (which is also indicating the number of possible guests in this sub network), we strongly advise to not touch this if you are not an IP expert.

Gateway: A default gateway in computer networking is the node that is assumed to know how to forward packets on to other networks. Typically in a IP network, nodes such as servers, workstations and network devices each have a defined default route setting, (pointing to the default gateway), defining where to send packets for IP addresses for which they can determine no specific route. The gateway is by definition a router.

DNS: The Domain Name System (DNS) is a hierarchical distributed naming system for computers, services, or any resource connected to the Internet or a private network. We strongly advise to put a DNS equal to gateway and not touching this if you are not an IP expert.

MAC: A media access control address (MAC address), also called physical address, is a unique identifier assigned to network interfaces for communications on the physical network segment. We strongly advise to not touch this if you are not an IP expert.

7.2 Firmware update



This tab indicates what is the current version of the firmware in the product.

Each time this tab is displayed it automatically try to join the Hager server in order to check if there is a new update available, if this automatic check is not working there is a manual button to force the checking “Check the latest firmware version”. Clicking on this button it will check if there is a newer version available for the product on the Hager server.

If a new update is available a message will be display to indicate it, it will be possible then to click on the button “Update firmware from server” and wait until the end of the progress bar to update the product.

In order to update the product from Hager server it requires that the computer connected to the product (directly or through a switch) can access Internet through the IP network where it is connected.

If the computer used cannot access internet for some reason it is possible to still download the update file on the Hager website and click on “Update firmware from file” to browse on the computer to indicate where the update file is located, once this file is selected just wait until the end of the progress bar to update the product.

Each time the product is updated at the end of the update the computer is automatically disconnected of the product, just reconnect to it in order to continue.