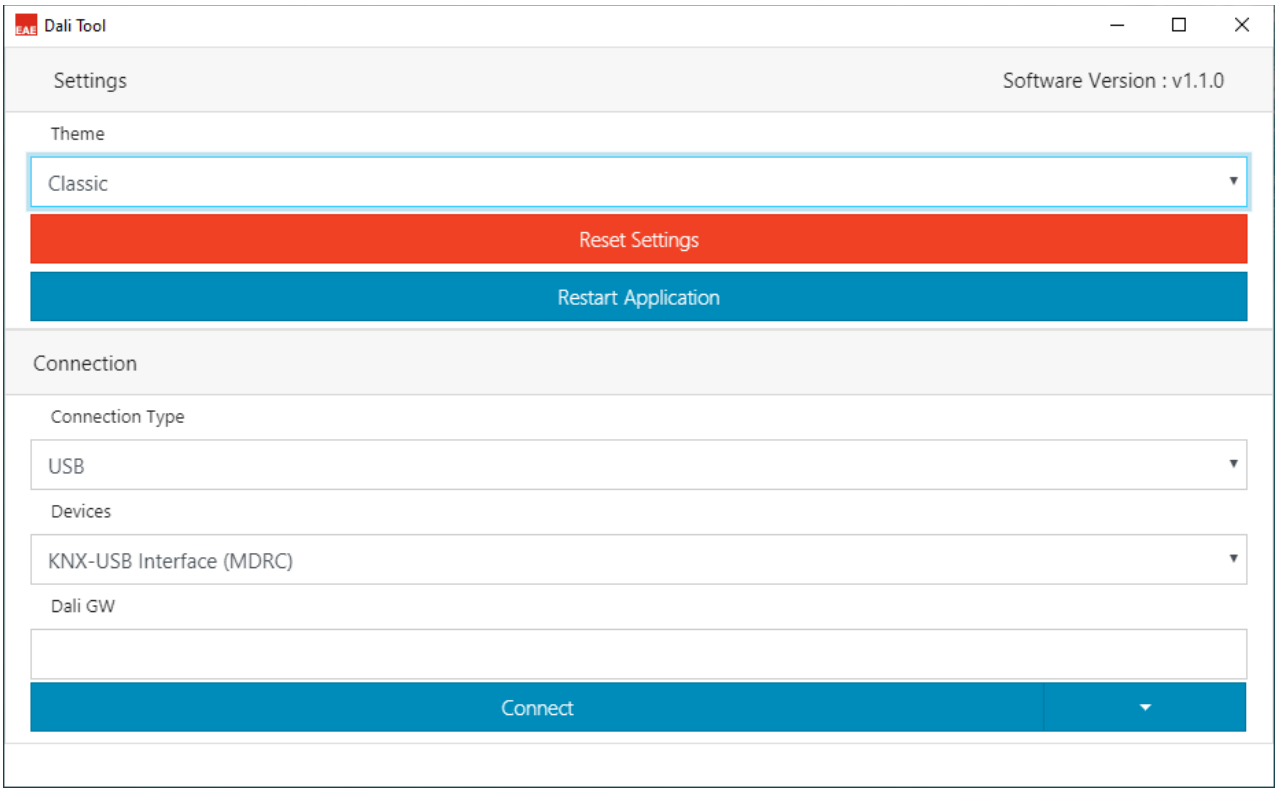
User Manual

EAE DALI Commissioning Master v1.1.0



Contents

1. General

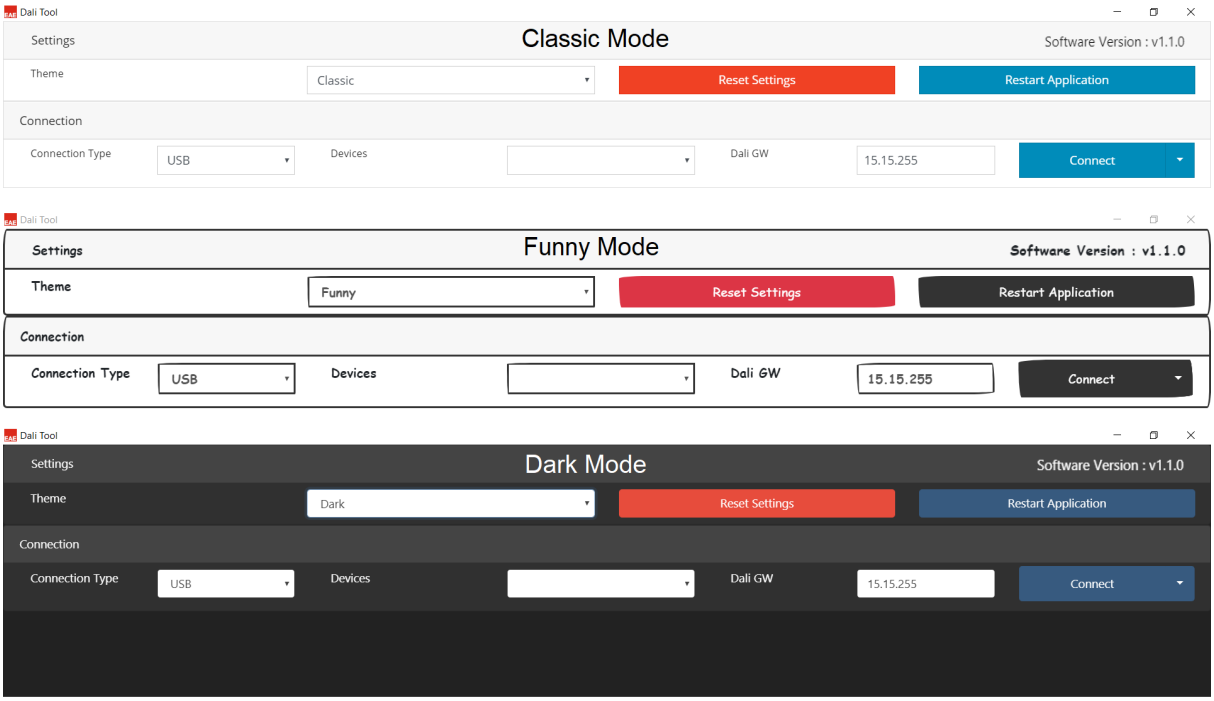
This software is used to manage DALI lighting projects over EAE Dali Gateway devices. This tool has functions like;

a. Lamp Fault Check
b. Capture Field
c. New Device Addressing
d. Complete Addressing
e. Resolve Address Conflict
f. Swap Device Address
g. Deleting Devices
h. Test Installation

2. Settings

2.1. Themes

There are 3 theme options. Classic, Funny and Dark.



2.2. Buttons

Reset Settings

This button is used to revert the settings to factory default. Group and device list also will be removed. NOTE: This action does not affect on DALI Line.

Restart Application

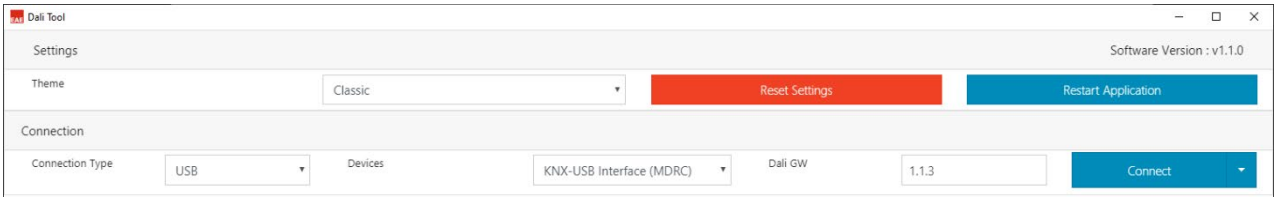
This button is used to re-launch the application again.

3. Connection

There are two options to connect EAE DALI Gateways.

a. USB KNX Interface (KNXUsbFix must be installed on computer)
b. Network (IP Router/Interface on Network)

3.1. USB Connection

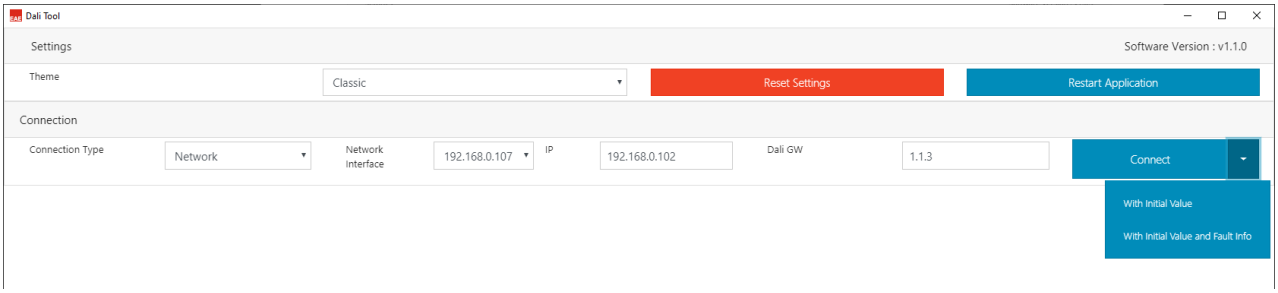


Connection Type : It should be selected **USB**.
Devices : It should be selected relevant USB KNX Interface device.
Dali GW : It should be written relevant EAE Dali GW KNX physical address.

3.2. Network Connection

Connection Type : It should be selected **Network**.
Network Interface : It should be selected computer IP address.
IP : It should be written IP Router/Interface network address.
Dali GW : It should be written relevant EAE Dali GW KNX physical address.

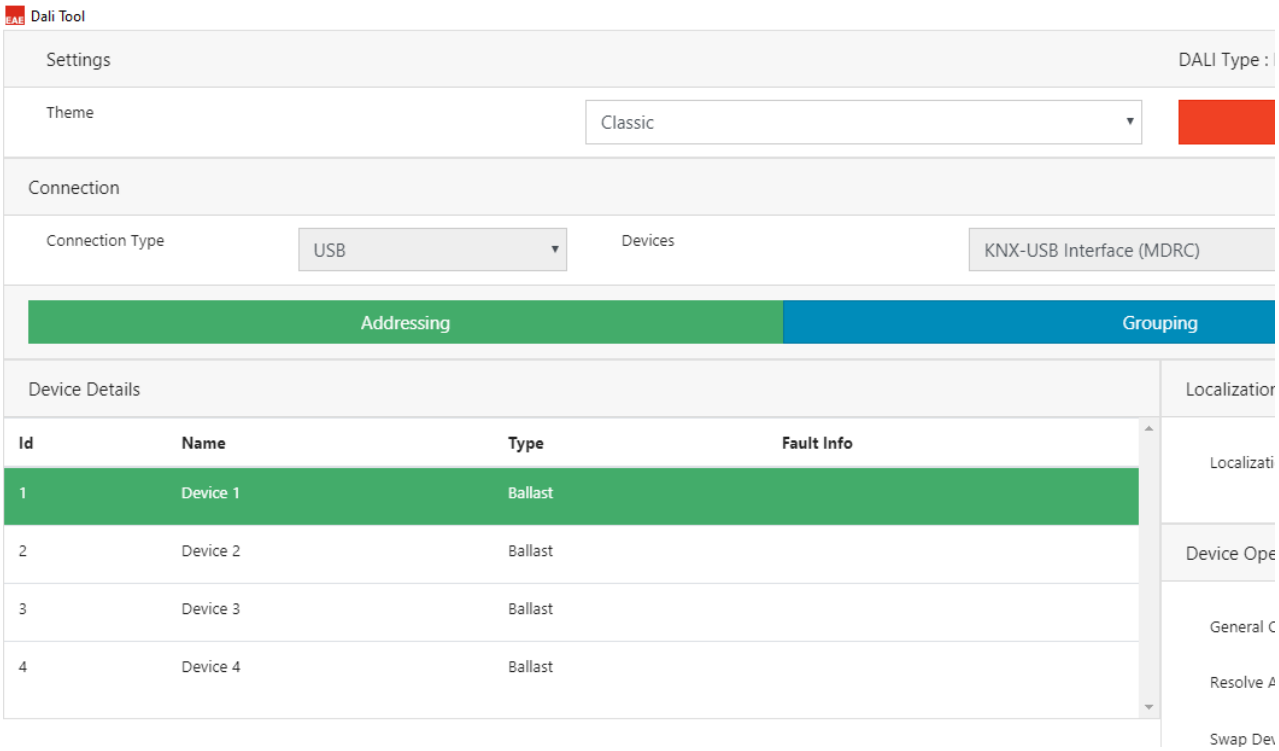
3.3. Connect With



Initial Value : EAE Dali GW's device and group informations will be preloaded after connection established.

Initial Value and Fault Info : EAE Dali GW's device, group and fault informations will be preloaded after connection established.

4. Device Details



a. Id : Device Address (1…64)

b. Name : Device Name (Visualization only)

c. Type : Device Type (Ballast, ECK, LED, Multi-Sensor and MSensor)

d. Fault Info : Device Offline, Ballast Fault, Lamp Fault, Emergency Kit Fault and Led Fault

Here is the fault indicators below.

Led Fault		
No Driver Output	Lamp Fault - Led Fault	(L.F - L.F)
No DALI Line	Device Offline	(D.O)
No Mains Voltage	Device Offline	(D.O)
Ballast Fault		
No Driver Output	Lamp Fault	(L.F)
No DALI Line	Device Offline - Lamb Fault	(D.O - L.F)
No Mains Voltage	Device Offline	(D.O)
ECK Fault		
No ECK Output	Emergency Kit Fault	(E.K.F)
No Driver Output	Lamp Fault - Led Fault	(L.F - L.F)
No DALI Line	Device Offline - Emergency Kit Fault	(D.O - E.K.F)

5. Localization

5.1. Individual Control

It is used to check the lamps one by one. Desired lamp should be selected before action.

Available actions;

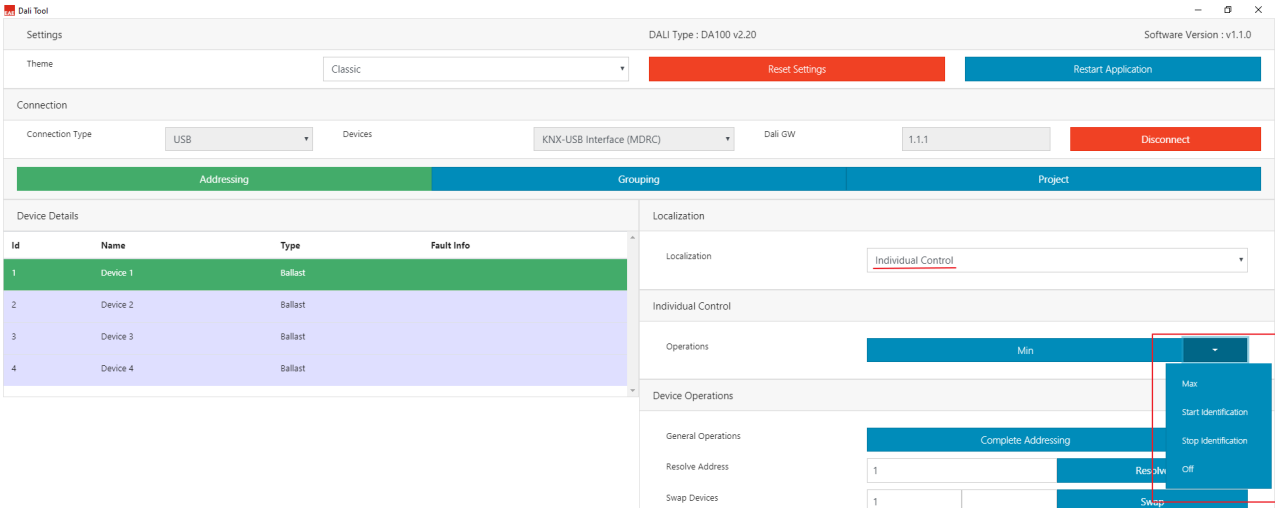
a. Min : Selected lamp will be dimmed to minimum level.

b. Max : Selected lamp will be dimmed to maximum level.

c. Off : Selected lamp will be switched off.

d. Start Identification : Selected lamp will start blinking.

e. Stop Identification : Selected lamp will stop blinking.



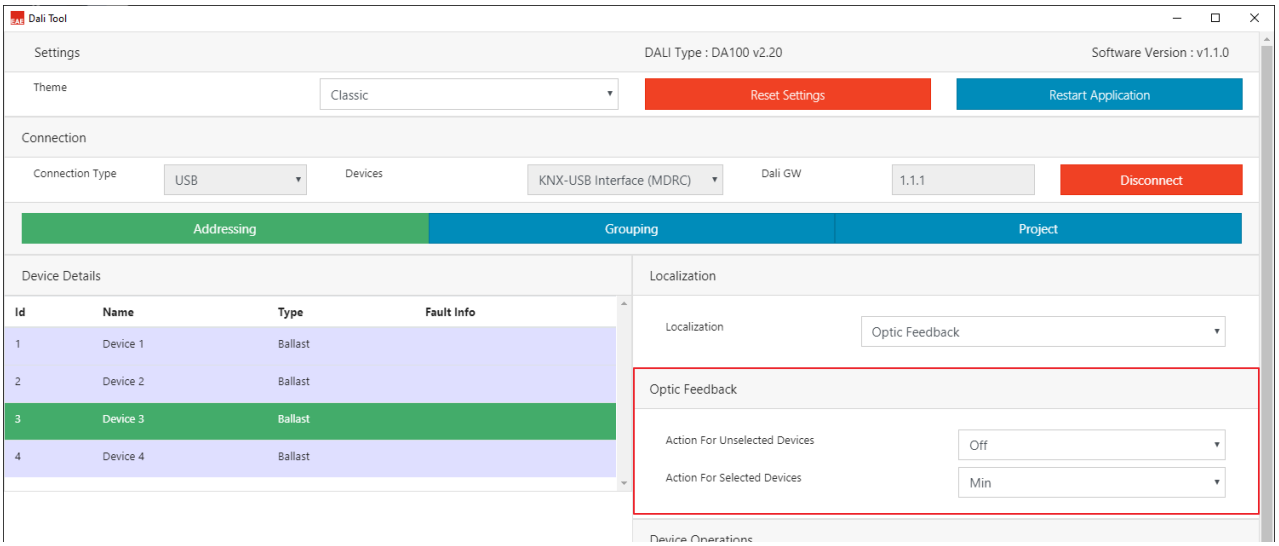
5.2. Optic Feedback

It is used to control selected and unselected lamps together. So that, desired lamp can be identified easily. Desired lamp should be selected after action selection. Available actions for selected and unselected devices;

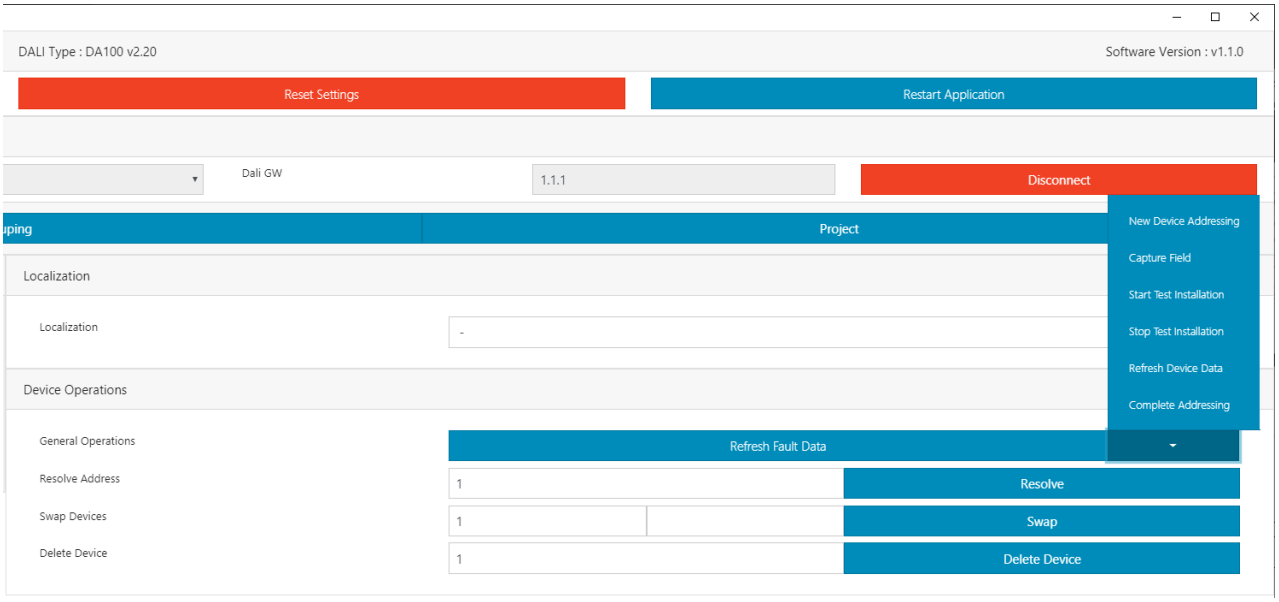
a. Min : Selected/Unselected lamps will be dimmed to minimum level.

b. Max : Selected/Unselected lamps will be dimmed to maximum level.

c. Off : Selected/Unselected lamps will be switched off.



6. Device Operations



General Operations	
Complete Addressing	It is used to assign an address for each devices in DALI line. All devices will be addressed regardless the devices have addressed before or not.
New Device Addressing	It is used to assign an address to the unaddressed devices only. Addressed devices wont be affected.
Capture Field	It is used assing address for not addressed devices or remove address If device is not connected to DALI line anymore. Current addressed devices wil not be changed.
Start Test Installation	It is used to blink all devices in a DALI line.
Stop Test Installation	It is used to stop blinking and switch ON for all devices
Refresh Device Data	Is it used to recall device data on Dali GW.
Refresh Fault Data	Is it used to recall device data on Dali GW including fault informations.

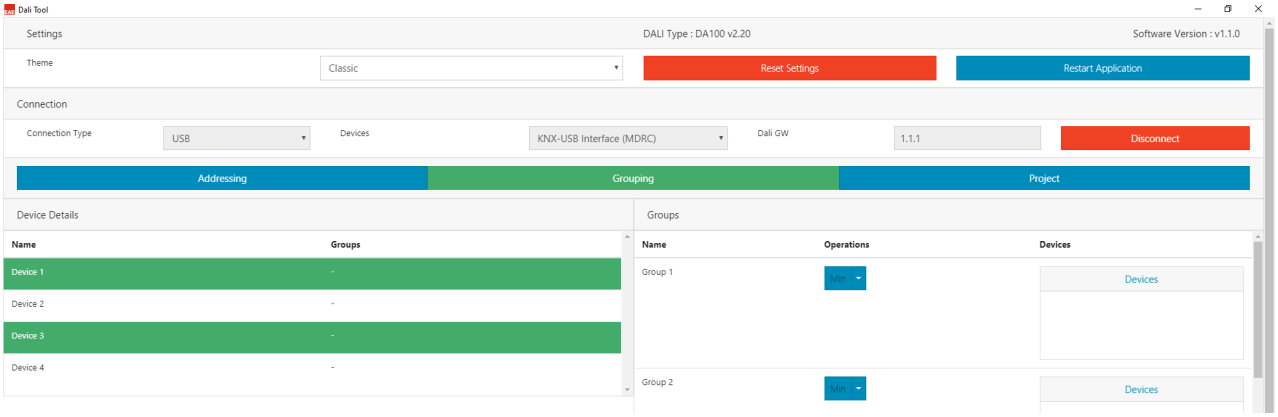
Resolve	It is used to resolve device address conflicts. Conflicted address should be written here. When proccess is done, conflicted device address will be removed and new address will be assigned to them.
Swap	It is used to change device addresses between two device (same type). It is also used to change device address to not used device address. NOTE: 64th address should be free to execute this function.
Delete Device	It is used to remove device address which is written. NOTE: 64th address should be free to execute this function.

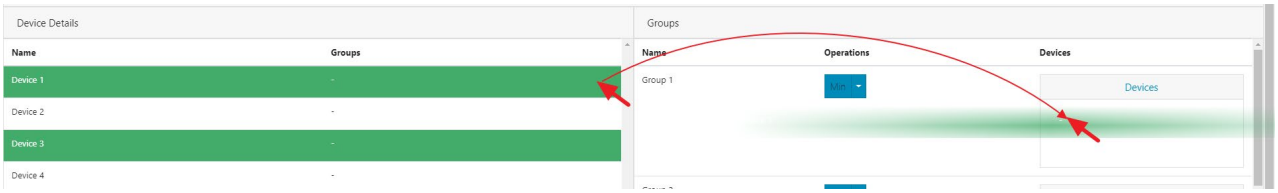
7. Grouping

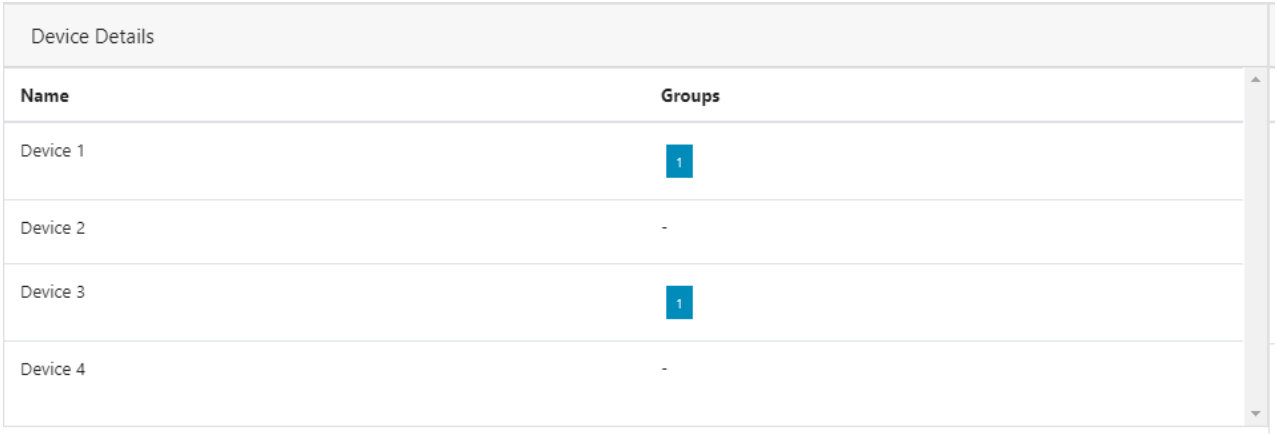
This menu is used to add device to the groups.

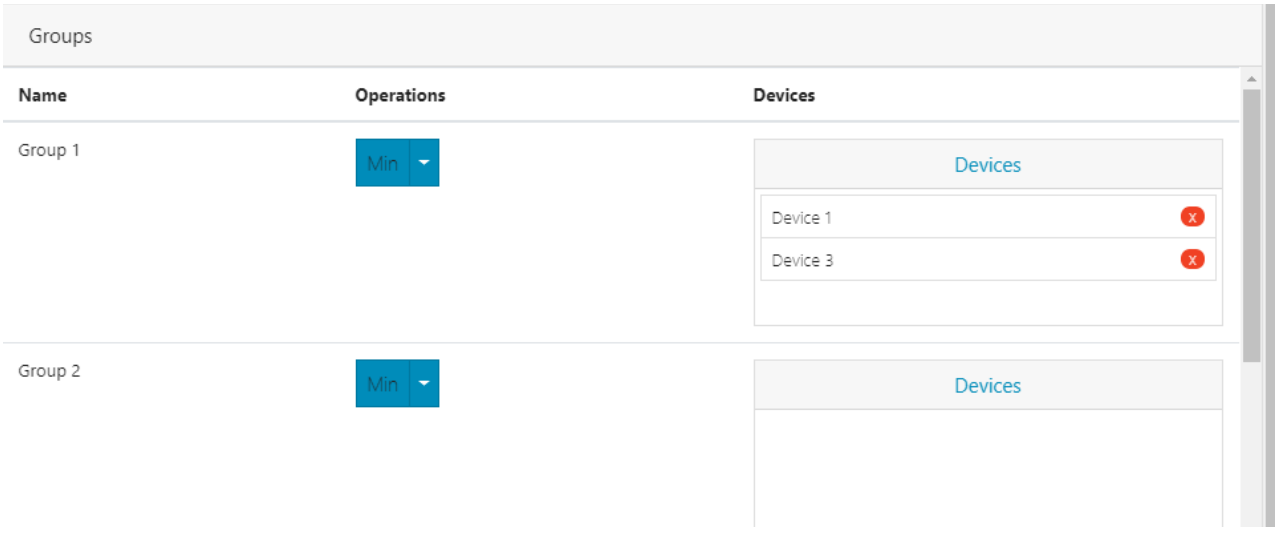
a. Devices can be selected with Left-Click

b. Click Left then drag and drop to the desired group table

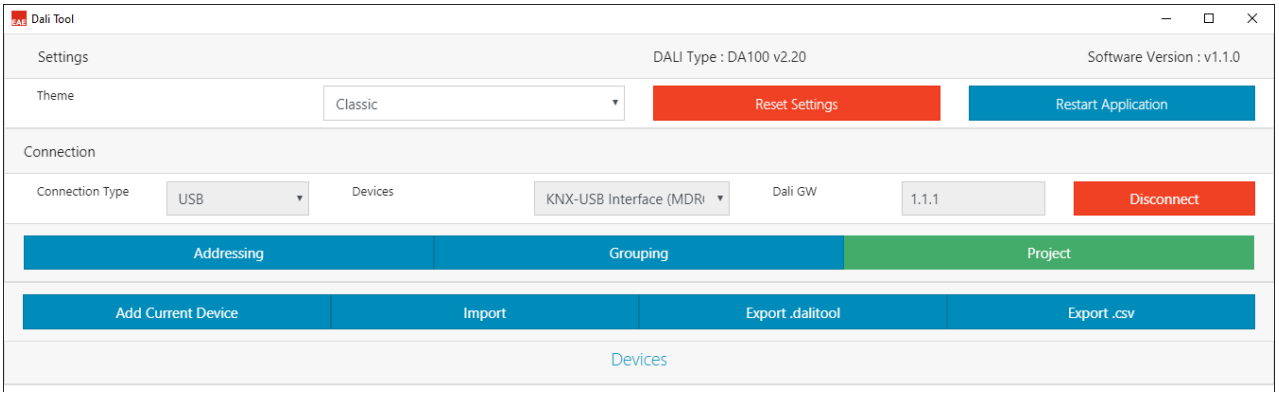








8. Project



Add Current Device	Dali Gateway name can be added. This is used fo visualization only. Dali GW device name will be shown with own KNX physical address.
Import	It is used to import .dalitool file. These files contain Dali Gateway device and group lists.
Export .dalitool	It is used to export device and group list with its own format.
Export .csv	It is used to export device and group list with CSV Excel file format.