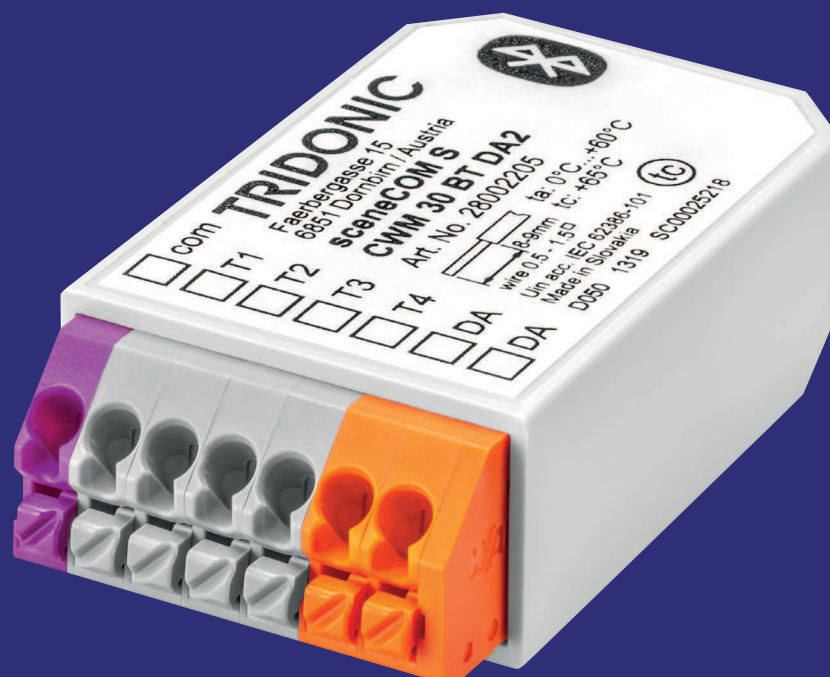Sensors and Controls

sceneCOM S
Release notes

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Release versions

Release notes sceneCOM S system

This document contains the history of officially released sceneCOM S versions. It gives a short overview of new features and improvements.

Release versions

Hardware version	nRF version	STM version	iOS App version	Android App version	Valid with release
4.2	0.86	1.1.5	V 1.4.4 B144	V 1.4.5-B145	05.2023
4.2	0.86	1.1.5	V 1.4.4 B144	V 1.4.4 B144	04.2023
4.2	0.86	1.1.3	V 1.4.2 B123	V 1.4.2 B123	06.2022
4.2	0.86	1.1.2	V 1.4.2 B123	V 1.4.2 B123	12.2021
4.2	0.82	1.1.0	V 1.4.1 B103	V 1.4.1 B103	06.2021
4.2	0.82	1.0.16	V 1.3.1 B75	V 1.3.1 B75	09.2020
4.2	0.82	1.0.16	V 1.2.0 B69	V 1.2.0 B69	06.2020
4.2	0.80.0.29.0	1.0.10	V 1.1.0 B57	V 1.1.0 B57	12.2019

Features release 05.2023

Features release 05.2023

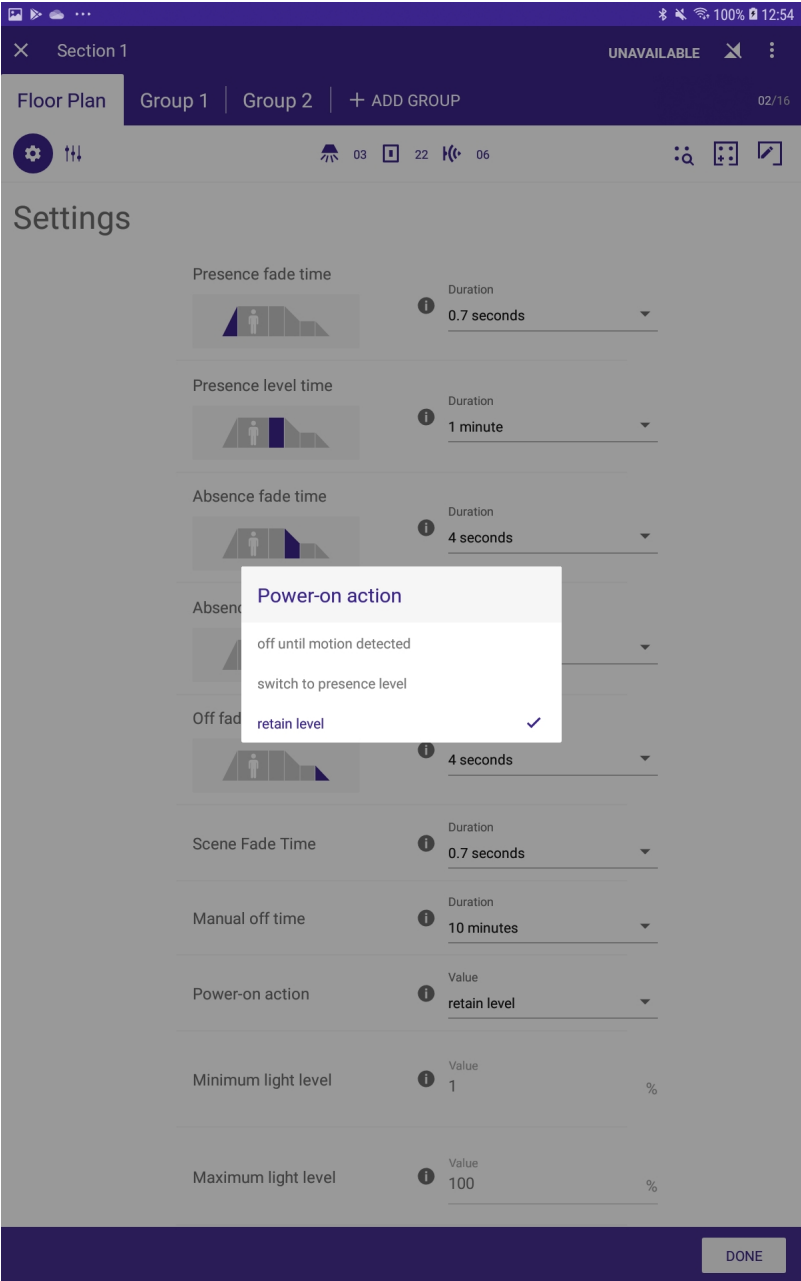- Bug fix: App does no longer crash if OTA-Update is executed from Android 13

Features release 04.2023

Features release 04.2023

- New global setting "retain level"
- New global setting "light regulation speed"
- New sensor recipe "Stairwell Function"
- New push button features
  - "Presence Level / OFF"
  - Toggle scenes
    - "Toggle Scene / OFF"
    - "Toggle Active Scenes"
    - "Toggle Active Scenes / OFF"
  - "Recall Last Dimmed Level"
  - "Recall Last Dimmed level / OFF"
- More actions available for long press
- If "only prevent off" is programmed for the motion sensor, motion is now also detected in absence state
- Overall stability improved

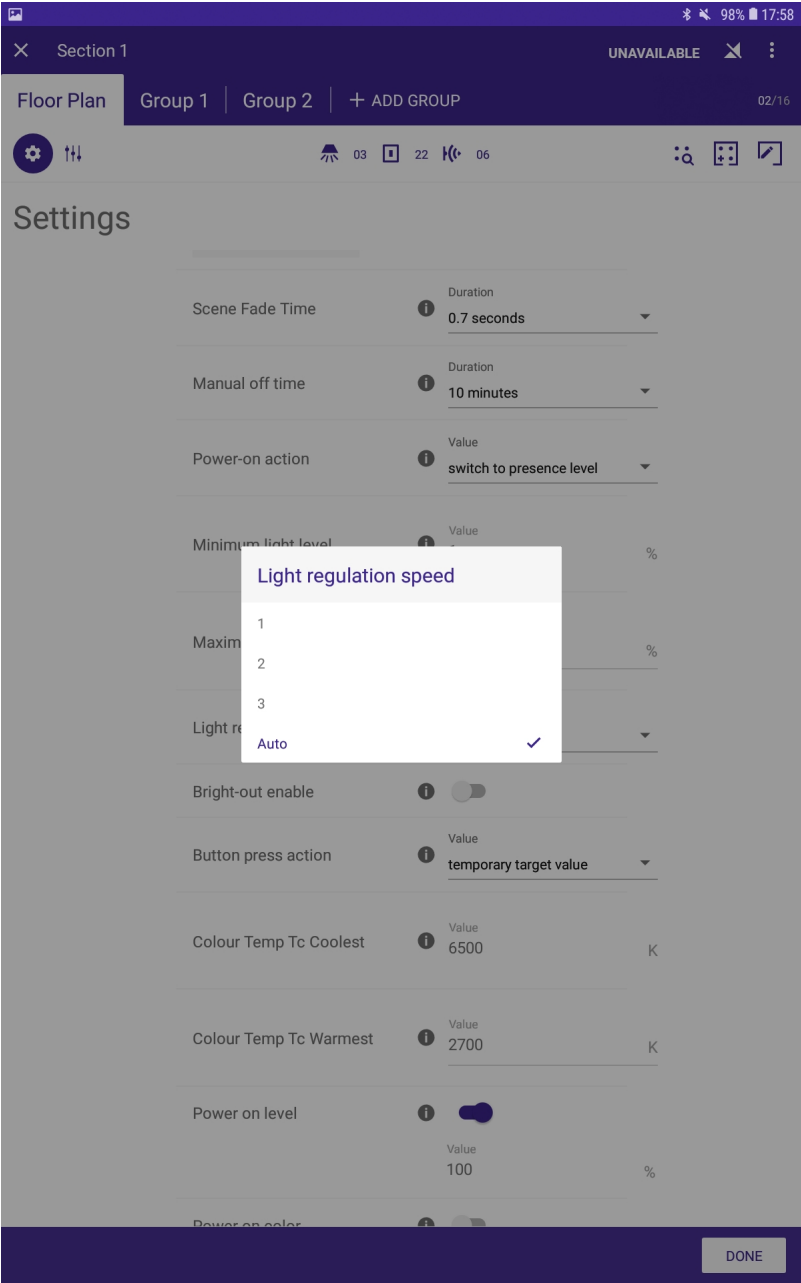**TRIDONIC**

Features release 04.2023

New global setting "retain level"

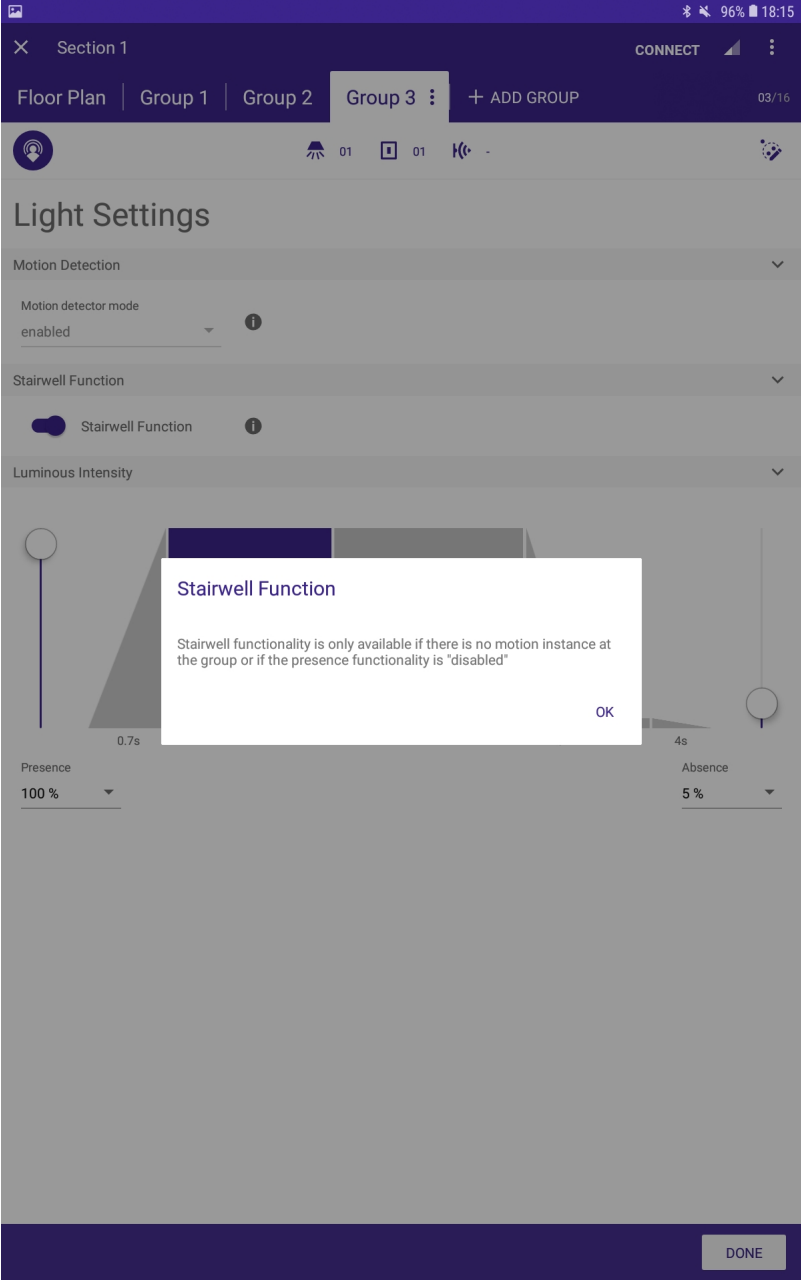| User Interface	Description
	New setting "retain level" was added at global settings > power-on action (in addition to the existing settings, "off until motion detected" and "switch to presence level").
	_ If "retain level" is selected:
	_ the controller will execute no action
	_ connected drivers will stay on the programmed power-on level until motion is detected

Features release 04.2023

New global setting "light regulation speed"

User Interface	Description
	If the lux level measured by the sensor changes, the light level of the luminaire will be automatically regulated (dimmed up or down). The setting "light regulation speed" defines how fast the light level is regulated. The following options are available: "1", "2", "3" or "auto". ‒ "1" is the slowest regulation speed, "3" the fastest. ‒ "auto" is the default value, with this the sceneCOM S automatically calculated the best regulation speed.

Features release 04.2023

New sensor recipe "Stairwell Function"

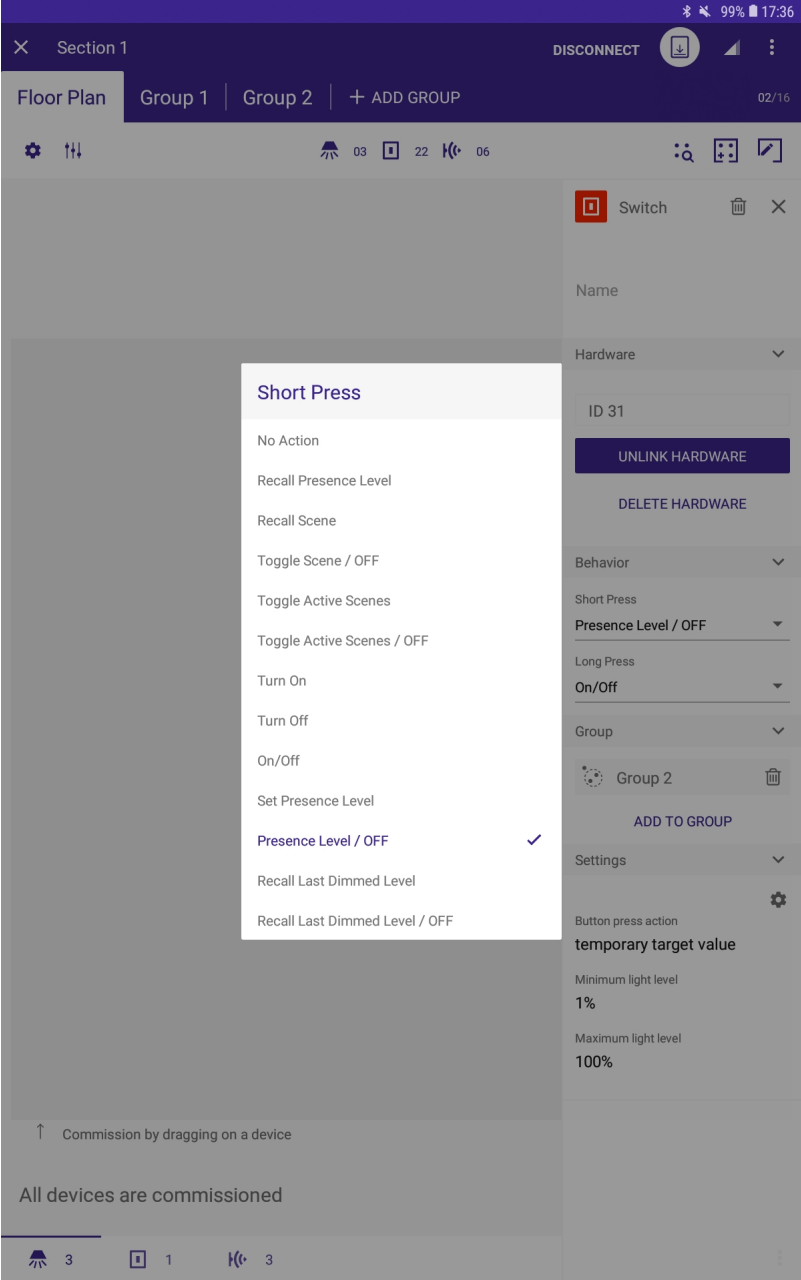| User Interface	Description
	You can use the "Stairway Function" to automatically switch off the light after a certain time. To program the "Stairwell Function", proceed as follows: _ Select the group where no motion sensor is installed. _ Select the sensor recipe for this group. _ Activate the "Stairwell Function". If the "Stairwell Function" is active, the run-on time and the run-off time will be taken over from the global settings. **ⓘ NOTICE** "Stairwell Function" is only available if there is no motion instance at the group or if the presence functionality is disabled!

Features release 04.2023

Overview of all long and short press actions

User Interface	Description
Long Press No Action Dim Up Dim Down Recall Presence Level Recall Scene Toggle Scene / OFF Toggle Active Scenes Toggle Active Scenes / OFF Turn On Turn Off On/Off ✓ Dim Warmer Cooler Warmer/Cooler Set Presence Level Presence Level / OFF Recall Last Dimmed Level Recall Last Dimmed Level / OFF **Short Press** No Action Recall Presence Level Recall Scene Toggle Scene / OFF Toggle Active Scenes Toggle Active Scenes / OFF Turn On Turn Off On/Off Set Presence Level Presence Level / OFF Recall Last Dimmed Level Recall Last Dimmed Level / OFF ✓	Overview of all long and short press actions selectable for push buttons:

Long press	Short press	New
No Action	No Action	
Dim Up	n.a.	
Dim Down	n.a.	
Recall Presence Level	Recall Presence Level	
Recall Scene	Recall Scene	
Toggle Scene / OFF	Toggle Scene / OFF	✅
Toggle Active Scenes	Toggle Active Scenes	✅
Toggle Active Scenes / OFF	Toggle Active Scenes / OFF	✅
Turn On	Turn On	
Turn Off	Turn Off	
On / Off	On / Off	
Dim	n.a.	
Warmer	n.a.	
Cooler	n.a.	
Warmer / Cooler	n.a.	
Set Presence Level	Set Presence Level	
Presence Level / OFF	Presence Level / OFF	✅
Recall Last Dimmed Level	Recall Last Dimmed Level	✅
Recall Last Dimmed Level / OFF	Recall Last Dimmed Level / OFF	✅

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Features release 04.2023

New push button features

User Interface	Description	9 / 27
	"Presence Level / OFF": With this feature you can toggle between Presence Level and the OFF command.	

Features release 04.2023

User Interface	Description

	New toggle scenes:
	
	_ "Toggle Scene / OFF"
	  _ Toggle between a selected scene and the OFF command
	
	_ "Toggle Active Scenes"
	  _ Toggle between all scenes programmed
	
	_ "Toggle Active Scenes / OFF"
	  _ Toggle between all scenes programmed and OFF

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Features release 04.2023

User Interface	Description

	_ "Recall Last Dimmed Level"
	   _ Recall the last level the light
	      had before it was switched off.
	
	_ "Recall Last Dimmed level / OFF"
	   _ Toggle between the last dimmed
	      level and OFF

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Features release 06.2022

Features release 06.2022

- Tridonic bDW devices: Evolution v36.0 are now supported (Drivers only (DT6 and DT8) no Pushbutton and Sensor Support.

- Overall Stability improved
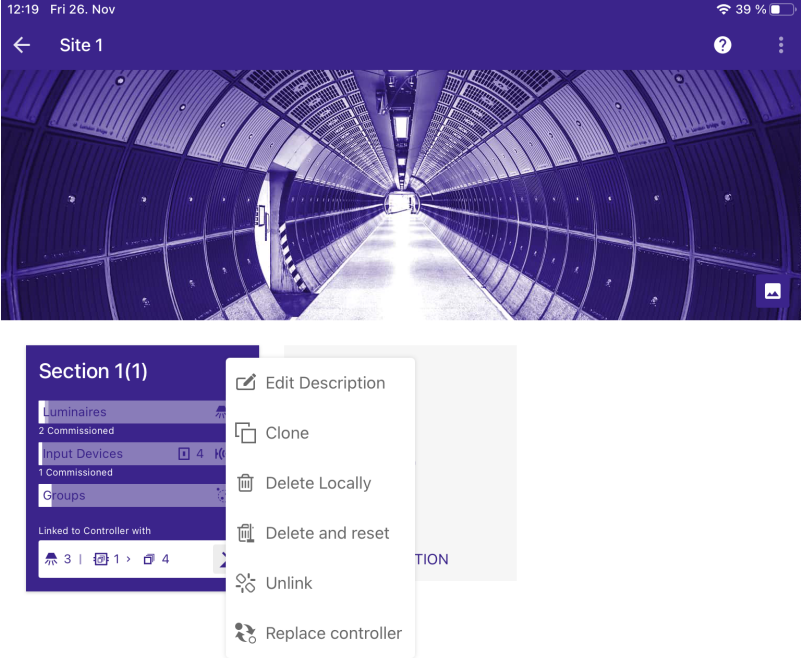
Features release 12.2021

Features release 12.2021

- sceneCOM S no longer resolves short address conflicts automatically

- sceneCOM S no longer readdresses previously addressed devices
  - DALI short address is not removed, all other commissioning information is still removed.

- New function "Replace sceneCOM S" within the section options

- New functions "Update Devices" and "Search new devices"

- Quality of push button identification improved

- Handle mandatory and non mandatory OTA updates
  - Users with App v1.4.2 are able to commission a sCS running version v1.1.0 without having to do an update (non-mandatory update)
  - If a sCS is running a version lower than v1.1.0, the user is required to update to v1.1.2 to commission the sCS (mandatory update)

- App button that hides / shows the endpoints bar redesigned

- Various improvements in error messaging

- Overall Bluetooth stability improved

Features release 12.2021

New function "Replace sceneCOM S" within the section options

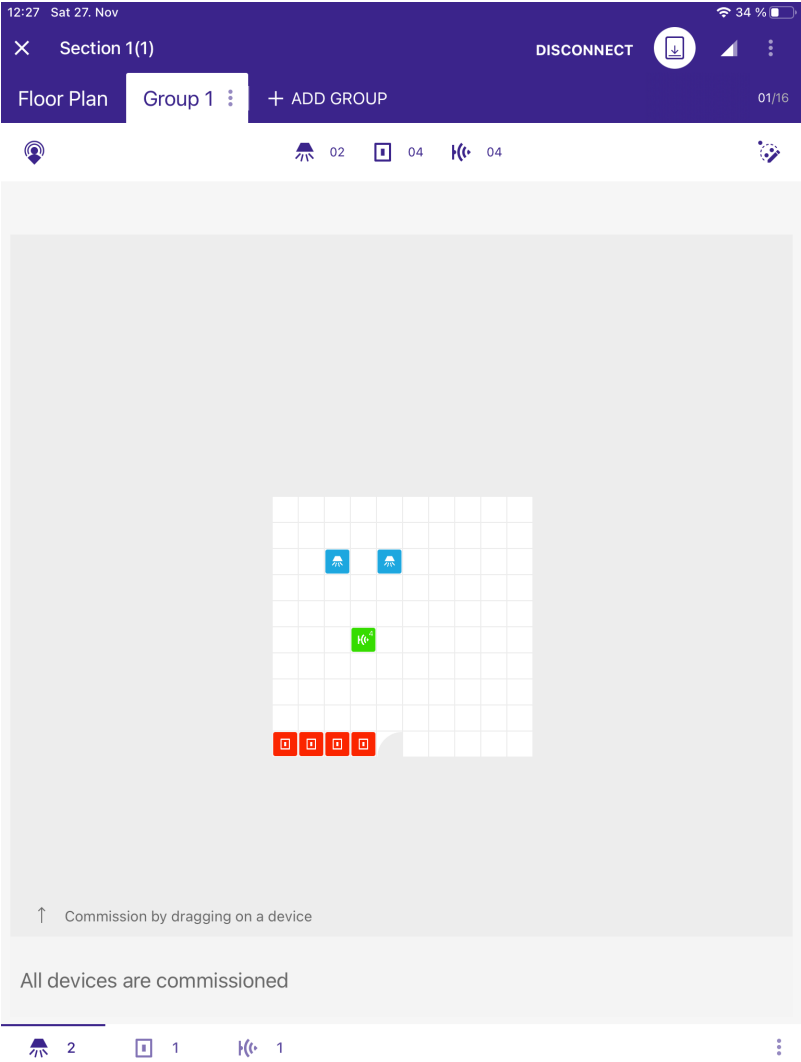| User interface	Description
	This function allows the user to replace a broken sceneCOM S with a new one without losing the commissioning data. Before using this feature make sure that data in the App from which the "Replace controller" feature is executed is up to date and has the current status of the installation. This functionality is available within the Section options, next to the "Unlink" option. Important considerations: **⚠ CAUTION!** The new replacement sceneCOM S must be running version v1.1.2 or higher. Check the STM version from the spare sceneCOM S before you connect the spare sceneCOM S to your installation and if necessary update the sceneCOM S controller prior to connecting it to the installation. **⚠ WARNING!** If the spare sceneCOM S is running a version older than v1.1.2, it will readdress all the devices in the DALI bus after power up! After the "Replace controller" operation is finished, the commissioner must ensure that the installation is working as expected.

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Features release 12.2021

New functions "Update Devices" and "Search new devices"

User interface	Description	
	Functions "Update Devices" and "Search new devices" are available via the 3 dots in the endpoints bar on the right bottom side. Executing the function "Update Devices" triggers a sceneCOM S mechanism that will update the status of all known devices. Executing the function "Search new devices" triggers a sceneCOM S mechanism that will search and add all unknown devices in the DALI bus to the controller's database.	

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Features release 12.2021

App button that hides / shows the endpoints bar redesigned

User interface	Description

The button that hides / shows the endpoints bar is located on the top right side and has now a new design.

old design	new design

Features release 12.2021

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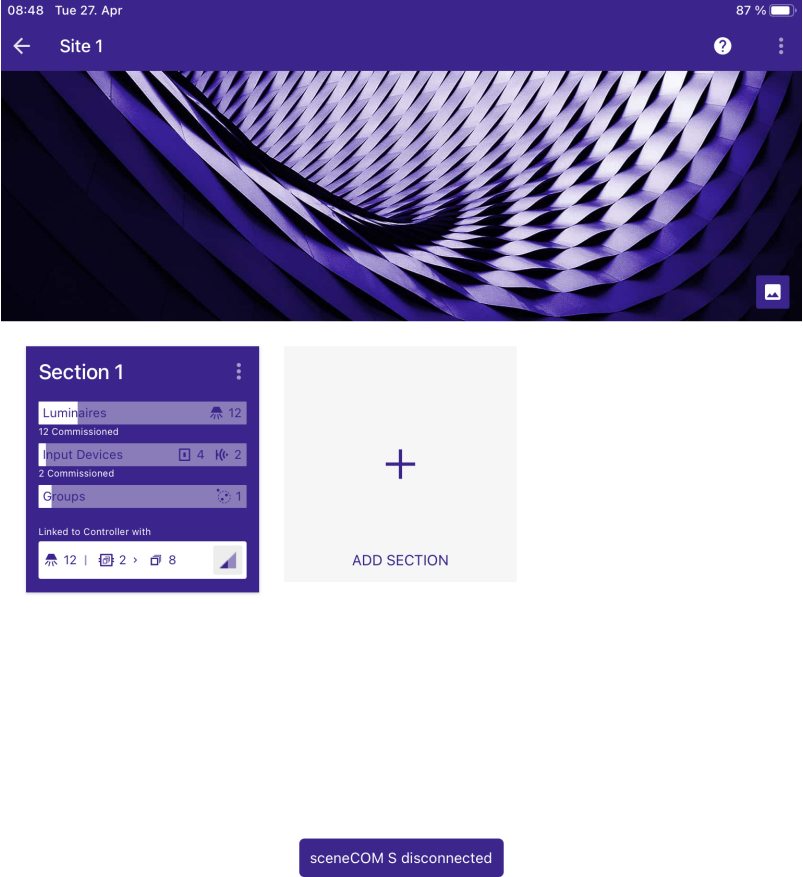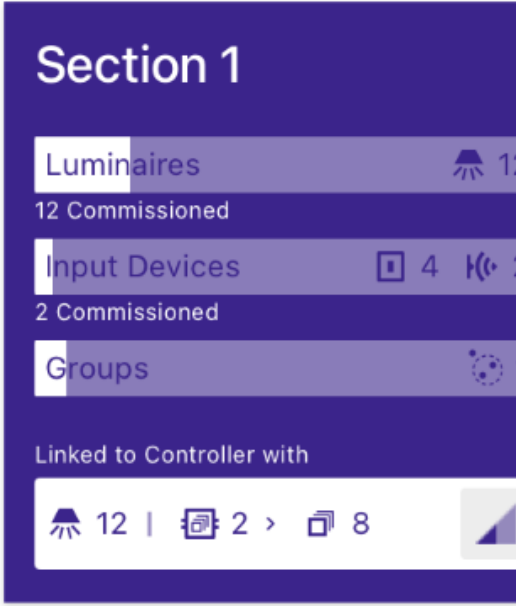
Features release 06.2021

Features release 06.2021

- Third party sensors and push-button are now supported
  - All devices supporting DALI parts 301, 303 and 304 registered under the DiiA web page are now implemented in the internal data base and are automatically recognized by the sceneCOM S.

- New additional values are available under global settings
  - Allowing more commissioning options

- Various improvement of the user interface
  - e.g. new section overview, allowing to see the whole system in one single graphic.

- German added as interface language
  - If you smart device has German programmed as system language the app will be visualized in German

- Overall Bluetooth stability improved
- System limits improved

Features release 06.2021
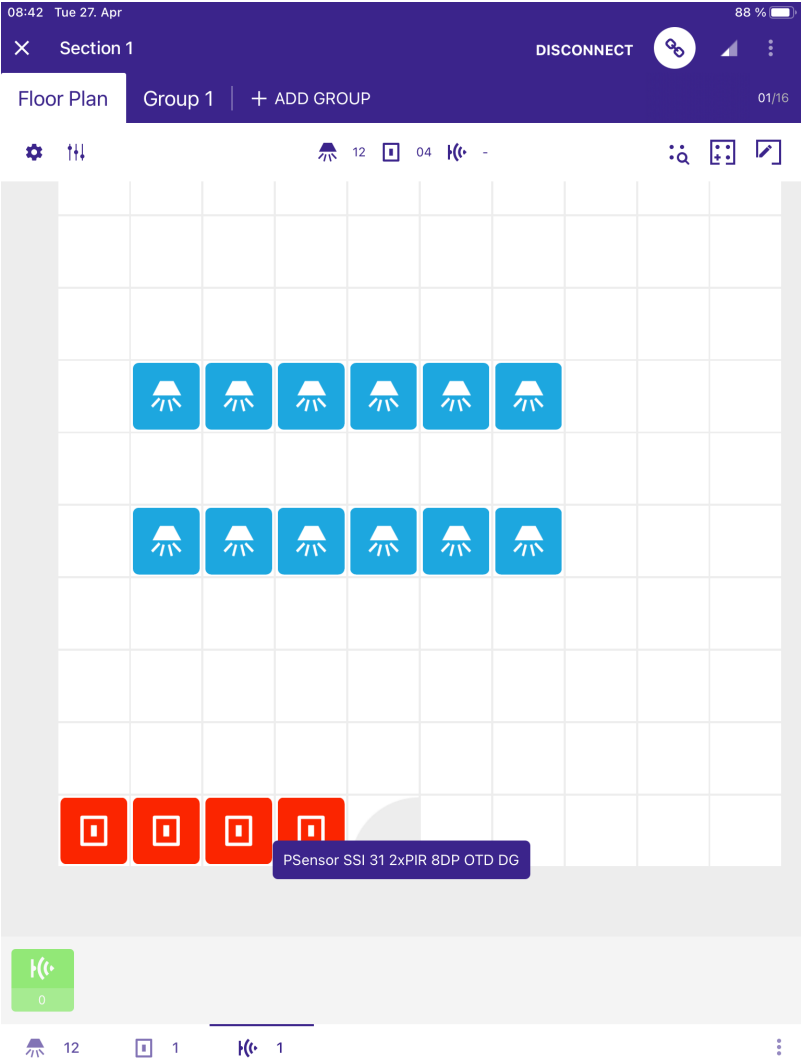
New section overview as graphical interface

User interface	Description
	The section overview displays how many devices connected to the section. The highlighted area (wh shows how many devices already are commission the grayed out area shows how many devices car added in addition. With the new version up to 16 input devices / se / push buttons with a total of up to 224 instan can be commissioned within one sceneCOM section.

Features release 06.2021

Additional sensor support

All instances of a sensor are now visible and can be commissioned separately. All sensors registered by the DiiA are stored in an internal data base and are visualized with the correct name.

User interface	Description
	In the graphic you see that a PSensor is connected to the sceneCOM S. If you select the sensor, you will see the name of the sensor in the user interface.

Features release 06.2021
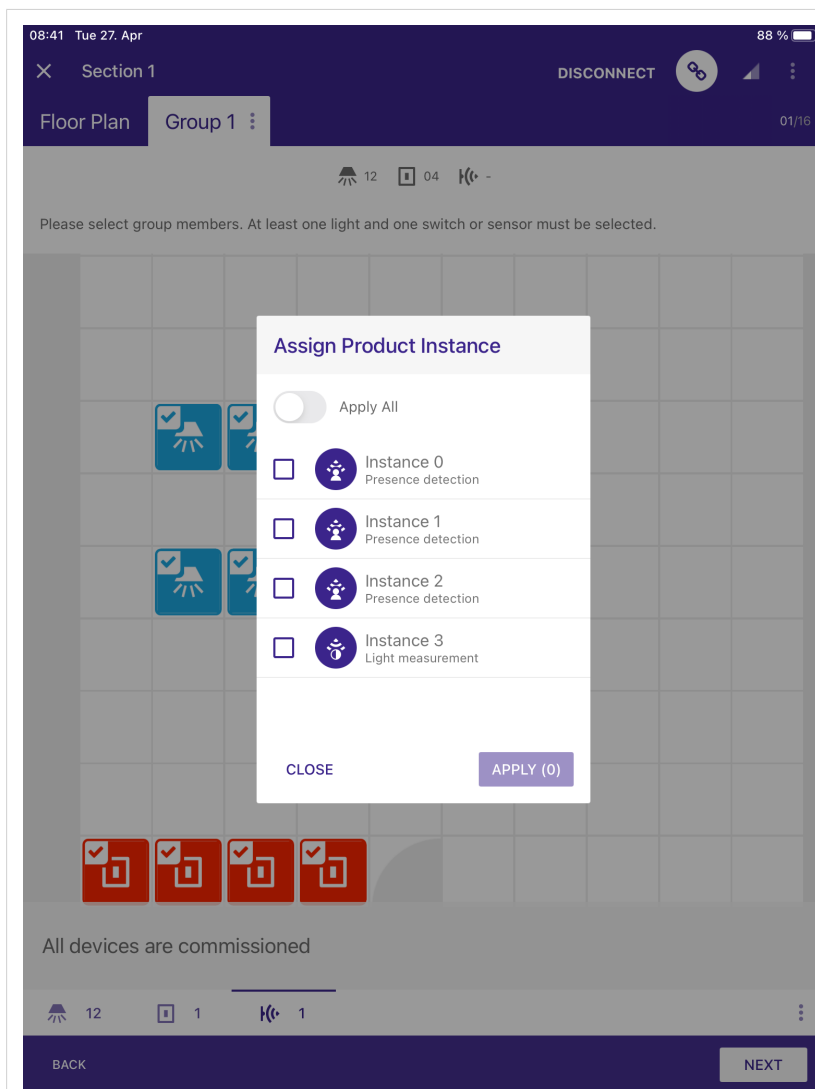
If you place the sensor on the right position in the floor plan, you can select if you would like to assign all instances or only some.

The recommended option is to use "Apply All"

Features release 06.2021
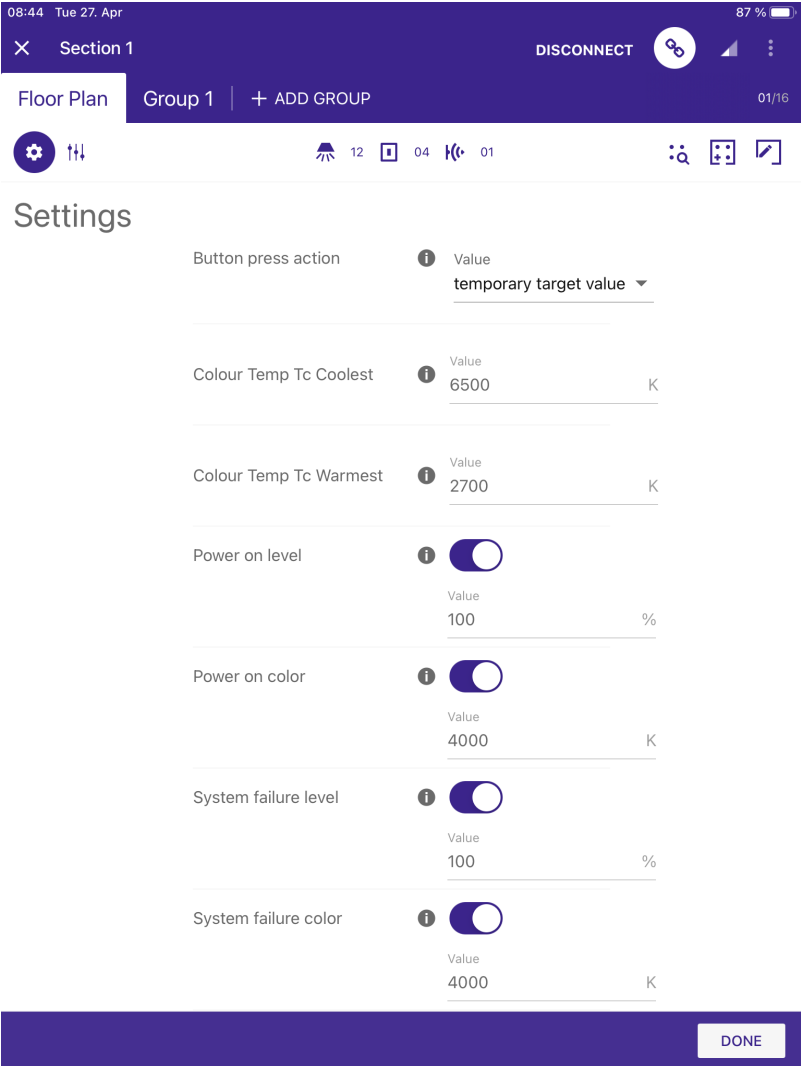
If you select an already commissioned sensor, you can now see all instances and the type of instance and configure them separately.

Features release 06.2021

Additional global settings

Allowing more commissioning options which results in better customization of the user needs.

User interface	Description

	In the global settings additional settings can be commissioned:
	
	_ Color Temp Tc Coolest
	   _ All Device Type 8 (Tunable White) devices in this section will be limited to this value. If there are devices present that are physically able to provide cooler color temperatures, they will be limited to his value, if there are devices present who physically are not able to provide this value, they will not be able to reach it.
	
	_ Color Temp Tc Warmest
	   _ All Device Type 8 (Tunable White) devices in this section will be limited to this value. If there are devices present who are physically able to provide warmer color temperatures they will be limited to this value, if there are devices present who physically are not able to provide this value, they will not be able to reach it.
	
	_ Power on level
	   _ The Power on level is the dim level the driver will dim the light to after mains is connected to the driver. If "MASK" is selected, the driver will use the last dim level before the mains interruption happened.
	
	_ Power on color

Features release 06.2021

_ The Power on color value is used in addition to the Power on level value and is valid for Tunable White drivers.
The Power on color value is the color temperature the driver will use after mains is connected to the driver. If "MASK" is selected, the driver will use the last color temperature before the mains interruption happend.

_ System failure level
_ If the DALI power supply is removed for more than 500 ms, the driver will dim the light to the programmed value. If "MASK" is programmed, the driver will stay at the current dim level.

_ System failure color
_ This value is used in addition to the System failure level and is valid for Tunable White drivers. If the driver enters the System failure level with this value, you can decide if the colour temperature should also be changed. If "MASK" is selected, the driver will not change the color temperature if a System failure is detected.

Features release 09.2020

Features release 09.2020

_ Back (arrow) Icon is replaced with a cross and shows a toast message that the connection is closed.

_ Floor-Plan Window Icon changed

_ If the sceneCOM is busy during addressing, it does not react on the FIND ME button. Therefore now a message is displayed that the controller is busy when the user presses the FIND ME button.

Features release 06.2020

Features release 06.2020

- DALI-2 certified and product is now listed on the DiiA product data base.

- Improved addressing algorithm

Features release 12.2019

Features release 12.2019

System Error Management

System is now monitored by the sceneCOM S and anomalies are reported in the app:

- Device failures
- Lamp failures
- Missing devices

Current state

Feature exclusively for drivers that visualize the actual status of the device providing information about the dim level and color temperature for tunable white devices.

Scenes in device view

All scenes assigned to a device are now visible directly in the device view and the values for the device can be changed easily.

Scenes preview

During the programming of a scene, it is now possible to preview the scene while connected to the installation.

Delete hardware

This feature deletes the device from the plan and if the device is physically connected to the system it will be initialized again.

New device initialization algorithm

sceneCOM S does now a sequential search for new connected devices. New devices will be automatically initialized.

Toggle function

Toggle function for push buttons in combination with tunable white applications: Warmer/cooler.

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