

Sensors and Controls

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## Introduction



connecdimLite

Tridonic GmbH & Co KG

The connecDIMLite app allows simple control of a DALI lighting installation via the connecDIM Gateway. It supports DALI broadcast, DALI group and DALI address control. It includes tunable white control for device type 8 devices, an emergency indicator panel for device type 1 EMY devices and it also supports Tridonic MSensors and supplies live updates of presence detection and lux levels. All DALI ballasts or LED drivers are automatically detected, no programming or mapping is required. Using multiple gateways, it is possible to use connecDIMLite to control lights across larger installations with more than four lines.

The mobile device running "Lite" must be connected via Wi-Fi to the same network in which the connecDIM Gateways are located. It is not possible e.g. to connect via 3G connection.

Once the mobile device is connected to the network and the app is started it will automatically find all connected gateways on this network and associated DALI lines.

By using the user access provided by the connecDIM Cloud it is possible to create predefined favorites for different users. In this case the user has only to log in in the app and will get his predefined favorites. More details about the user access can be found in the connecDIM user manual.

If the connecDIM Gateway has been locked in the connecDIM Cloud you will need to contact the administrator of the connecDIM Cloud to get an user access, other wise you will not be able to use the app.

If the user access which is provided by the connecDIM Cloud isn't used and the gateway isnt locked, connecDIMLite will list all DALI addressed devices and available DALI groups.

It is not possible to address or to group devices. This must be done at an earlier stage via connecDIM Architect or masterCONFURATOR. Once found, connecDIM Gateways, DALI lines, DALI groups or individual DALI devices can be made favorites to enable quicker access and control. This way, they are located on the start screen of the application and are easy to use.

The Following functions are available for favorites:

- \_ Light on
- \_ Light off
- \_ Dim up
- \_ Dim down
- \_ Dim lights with slider
- \_ Recall pre-configured DALI Scenes
- \_ Extra for DT8 (TW-luminaires) devices also colour control slider
- \_ DALI MSensor device will show motion status and measured LUX level
- \_ EMY device can be identify via DALI

This document describes the iOS Version, the Android Version has the same functionality just the user interface may vary in some cases.

connecDIMLite Version 3.1.8 (85) supports only connecDIM Gateways with Firmware  $\geq$  3.0.1

## Download connecDIMLite



connecdimLite

Tridonic GmbH & Co KG

To download the Apps go to the App Store and type in connecDIMLite in the search field.

connecDIMLite

- \_ Wireless control of your lights
- \_ For small home installations up to multi-level buildings
- \_ Controls tailored to your devices
- \_ Device names taken from the connecDIM Cloud
- \_ Available for Apple and Android

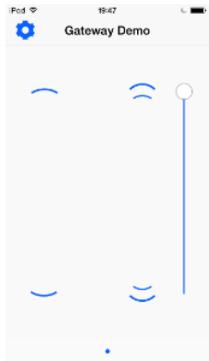


(Download)

(Download)

## Use the App

By opening the app for the first time you will see the Gateway Demo screen



Select the gear wheel. 

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## Do the Settings

Once you have selected the gear wheel you will see the Settings screen.



The Information field will show the Version number of the app. 



## Scan QR Code

Scan QR Code

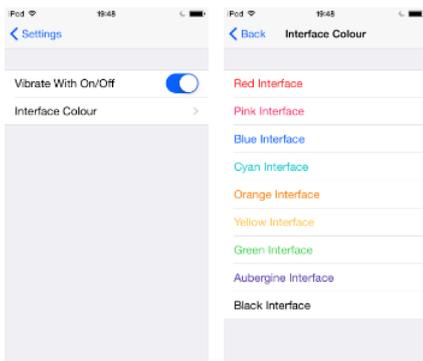
The connecDIM Cloud provides the opportunity to create QR Codes to recall Scenes or switch the light On or Off. If you have created an QR Code in the connecDIM Cloud select this to Scan the QR Code. More information about the QR Code can be found in the connecDIM user manual.

Select User Interface to change the User Interface.

User Interface

If your device supports vibration you can switch it on or off.

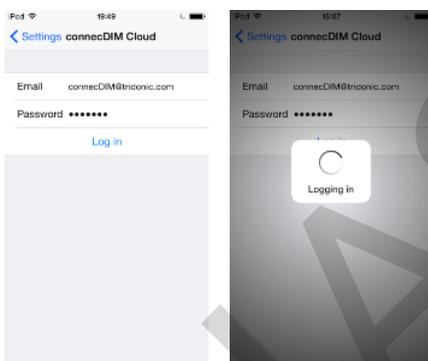
Make sure that your device supports vibration when switching on because the app doesn't check if the device is supporting vibration or not. By selecting the Interface colour it is possible to change the colour.



By selecting cloud login you have the opportunity to type your username and password in.

If the user setting was made in the connecDIM cloud the favorites for your account will be automatically loaded to the app. More information about the user settings can be found in the connecDIM user manual.

Cloud Login



If the user settings aren't provided by the cloud or you aren't connected to the right Wi-Fi network you will get following warning message.



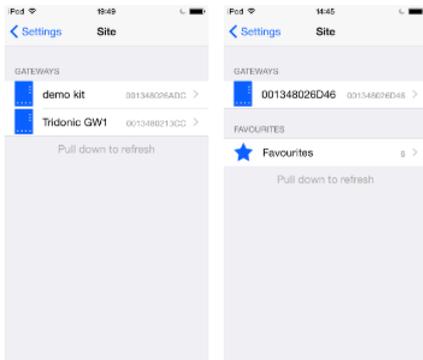
If the user setting isn't provided by the cloud you need to select Site Setup.

Site Setup

In the Site Setup menu you will see the gateways which are connected to the site. In this case there are two gateways (demo kit with

## Scan QR Code

the MAC address 001348026ADC and Tridonic GW1 with the MAC address 0013480213CC) connected and they have already names given from the connecDIM Cloud. If your gateway isn't registered in the connecDIM Cloud, or no names are given in the cloud, only the MAC address will be visible.



You need to select the GW which has the luminaires you would like to control. Once you have selected the GW you will get additional information.

Model = HW Version

Firmware = Firmware Version

MAC = media access control address

IP Address = Internet Protocol address



The LINES field is showing the connected DALI Lines. In this case there are two lines connected. Ground Floor which is connected to the first part of the connecDIM Gateway and First Floor which is connected to the second part of the connecDIM Gateway. One connecDIM Gateway supports up to four DALI Lines. The names Ground Floor and First Floor have been given already in the connecDIM Cloud, if no Cloud is used the Lines will just be named LINE1,2,3 or 4.

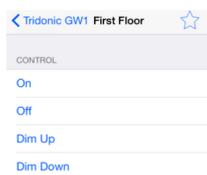


Select one of the DALI Lines. In this case First Floor was selected.



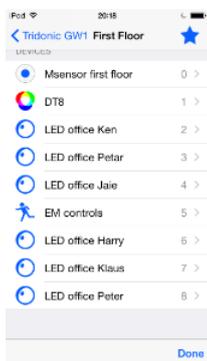
## Scan QR Code

In the CONTROL field you can switch the Light On/Off or Dim Up/Down to get sure you are on the right DALI Line.



Field Devices shows all the connected devices on the DALI Line. If there are more devices you can scroll down and you will see all the Devices connected to this DALI Line.

Different device types will be visualised by different icons.



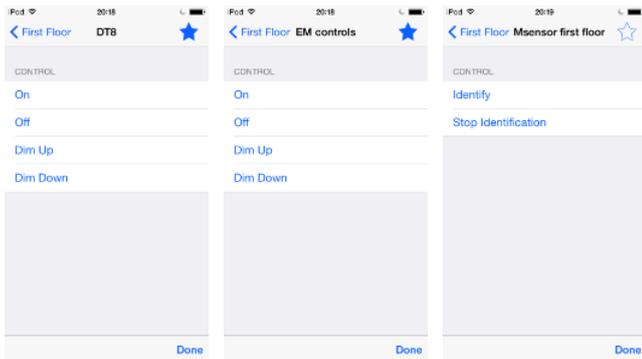
## Create favorites

Once you are sure you are on the right DALI Line you can add the whole line as an favorite by selecting the Star icon.

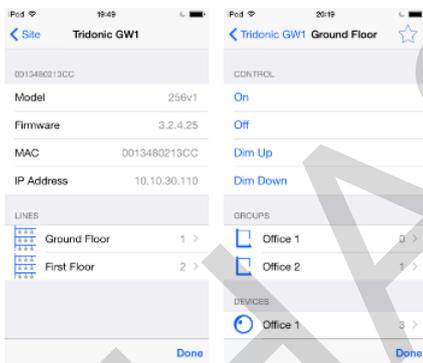


It is also possible to deselect an favorite by unselecting the star icon

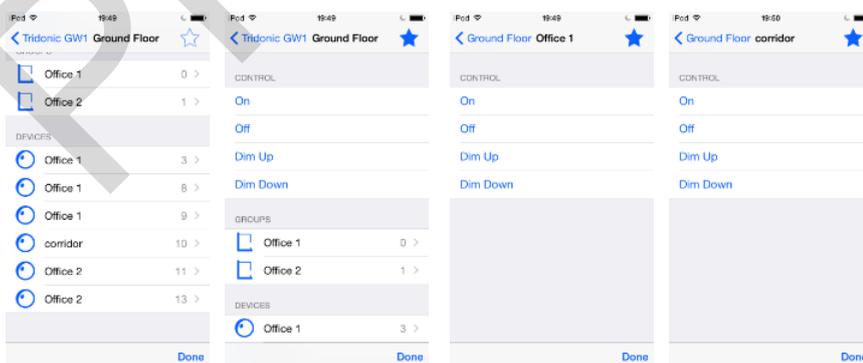
Also it is possible to select one Device or one Group as a favourite.



Once you have made your favorites for one DALI Line, you may want to add favorites from an additional DALI Line. To get back to the gateway overview select the arrow back to go back to GW overview Site.



Now you can add additional favorites.



## Create favorites

Once you have added all the favorites you would like to control select Done  
[Done](#) you will be forwarded to the favorites screen.

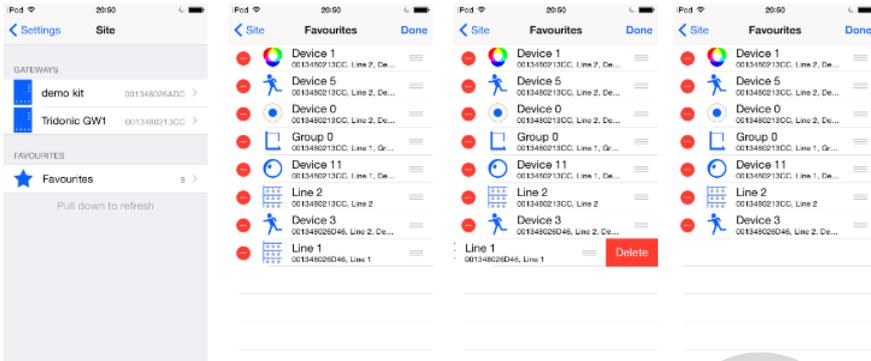
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## Delete favorites

There are two ways to delete/remove favorites

Remove an favorit by unselecting the star icon  or by Selecting the gear wheel  which will bring you to the Settings menu. Once you are in the settings menu you can select the existing favorites then you can delete the device by selecting the favorite you would like to delete 

once you have selected the favorite you would like to delete you have to confirm by selecting the delete field 



## Using the favorites

For the most devices you will be able to switch On/Off or Dim Up/down the light additionally you can use the slider on the right side to dim the light.



The buttons at the bottom are showing you how many favorites you have and the highlighted button is showing the position where you are.

By scrolling the display to left or to right you can switch between the different favorites.



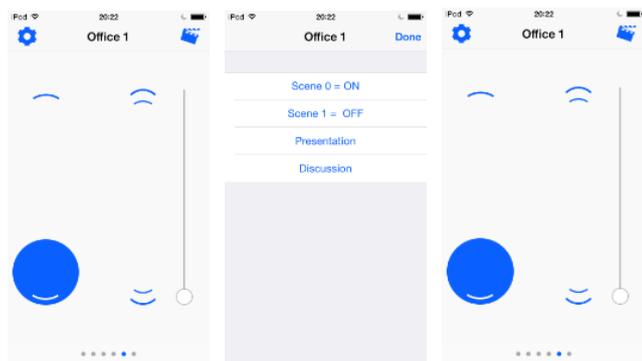
In this case you have 6 favorites and actually have selected the second favorite from the right side.

## Recall Scenes



By selecting the movie clap you will be forwarded to the scene screen. In this case names have been given to the different scenes in the connecDIM cloud. If you aren't using the cloud the scenes will only be displayed as Scene 0,1,2 and so on.

Once you have recalled one scene e.g. Presentation you have to select Done **Done** to get back to the favorite screen where you can switch On/Off Dim Up/down the light.

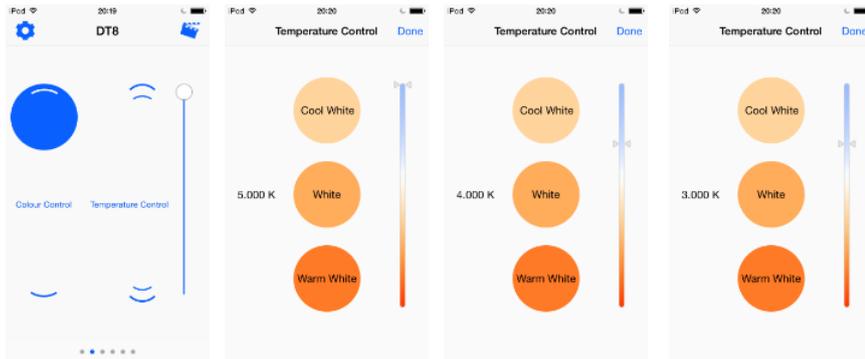


## Different Device Types

Different Device Types do have different user interfaces.

### 10.1. DT 8 (tunable White)

DT 8 (tunable White) devices can be switched On/Off dimmed Up/Down, by selecting the Temperature Control field it is also possible to recall 3 predefined colour temperatures (Cool White = 5.000 K, White = 4.000 K and Warm White = 3.000 K)



By selecting the Colour Control it is possible to change the colour over RGB or XY but your Driver needs to support this feature.



### 10.2. DT 1 Emergency

If you select the Information field the Emergency luminaire will begin to send an Binary code, this code will provide you the address of this Device.

For more information please read the user manual of your Emergency luminaire.



## Different Device Types

### 10.3. MSensor

The MSensor will display the actual light level he is measuring and if movement was detected this will also be displayed.

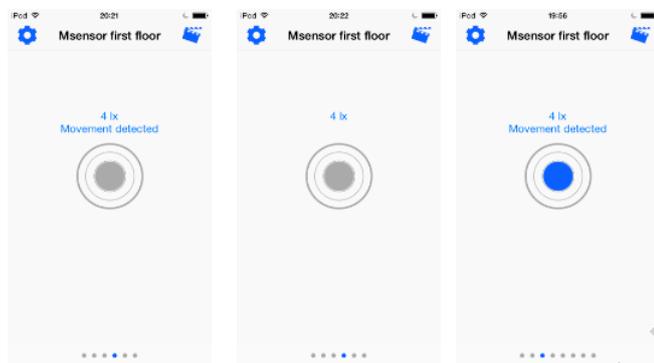
You can select the localisation field to localize the MSensor, once you have selected the localisation field the internal LED from the MSensor will start to flash also the localisation field will begin to flash.



localisation disabled



localisation enabled



## Version History

Version	Release Date	Changes
V1.0	09.2015	First Official release connecDIMLite Version 3.1.8 (85) IOS
V2.0	28.09.15	Wording updated

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