

luxCONTROL

connecDIM

Lighting management solution



TRIDONIC

Controlling and managing light has never been easier

connecDIM is Tridonic's next generation distributed smart lighting management solution



This innovative lighting management solution provides an excellent platform for smart, cost-effective and user-friendly control and lighting management from a few simple DALI devices up to a complex lighting system in a building.

Whether it is an existing or new DALI infrastructure, your lighting installation can easily be connected via the connecDIM gateway to the connecDIM cloud. It uploads all lighting data to a central cloud service. Access can be enabled anywhere and anytime remotely through internet.

The heart of this distributed lighting management solution is the connecDIM gateway. This piece of hardware makes it possible to collect the data (from the DALI devices) and translate the information via TCP/IP to the cloud. Information and energy monitoring can be easily reported. It enables also the wireless commissioning via tablet or smartphone. To setup and configure a DALI installation is now easier and faster.

Simple installation

Controlling and managing light is just a few easy steps away

Step No. 1



Set up your DALI network

with sensors, pushbuttons, touchpanels and DALI devices – all connected to a DALI line.

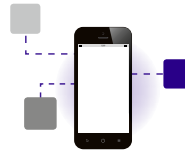
Step No. 2



Install connecDIM gateway

Links the DALI lines and enables interoperation between all DALI standard devices. Enables wireless control through a standard wifi-router with a iOS or Android device. Once connected to the internet, it uploads all lighting data to the connecDIM Cloud.

Step No. 3



Download your matching App for tablet or smartphone

connecDIM Lite: App made for users to control their individual lights within the wifi-network.
connecDIM Architect: App made for commissioning used by electrician/ integrators and for maintenance.

Step No. 4



Log-in to connecDIM Cloud (optional)

Online 24/7 worldwide available service through an internet browser on Windows or Mac. Monitoring site remotely, Schedule synchronisation, Maintenance, Emergency lighting tests, Energy Monitoring, Offsite Backup, Global Management & Reporting

Typical applications



Supermarket



Commercial Building



Office Building



Educational Institution

Benefits

Installation and Maintenance becomes more user friendly and efficient



Wireless ommissioning and control

By means of apps (iOS or Android devices)

- Cabled start-up via tablet or smartphone
- Optimised DALI address search function
- Control of up to four DALI lines with one gateway
- Switching and dimming
- Colour control
- New lighting control via QR code



Modern management and reporting function

By means of Cloud-based services, round the clock, 7 days a week

- No need for complex and expensive LMS servers in the building thanks to Cloud service
- Central user management
- Central management of several buildings
- connecDIM firmware updates via the Cloud
- Cloud data enables energy usage and potential energy savings to be evaluated for individual areas
- API interface for connection to third-party systems



Automated emergency lighting tests and test report

In accordance with local standards

- Integration of Tridonic DALI emergency lighting units in connecDIM
- Automation of prescribed function and service life tests
- Storage of the test results in the connecDIM Cloud
- Printout of the test results on demand
- Unlimited number of emergency lighting units
- Central cloud service enables maintenance planning to be optimised



Backwards compatible

Continued use of existing DALI infrastructures

- Fluorescent lamp installations with T8 or T5
- Low-voltage halogen transformers
- LED technologies



For large lighting installations

With applications across several rooms/areas

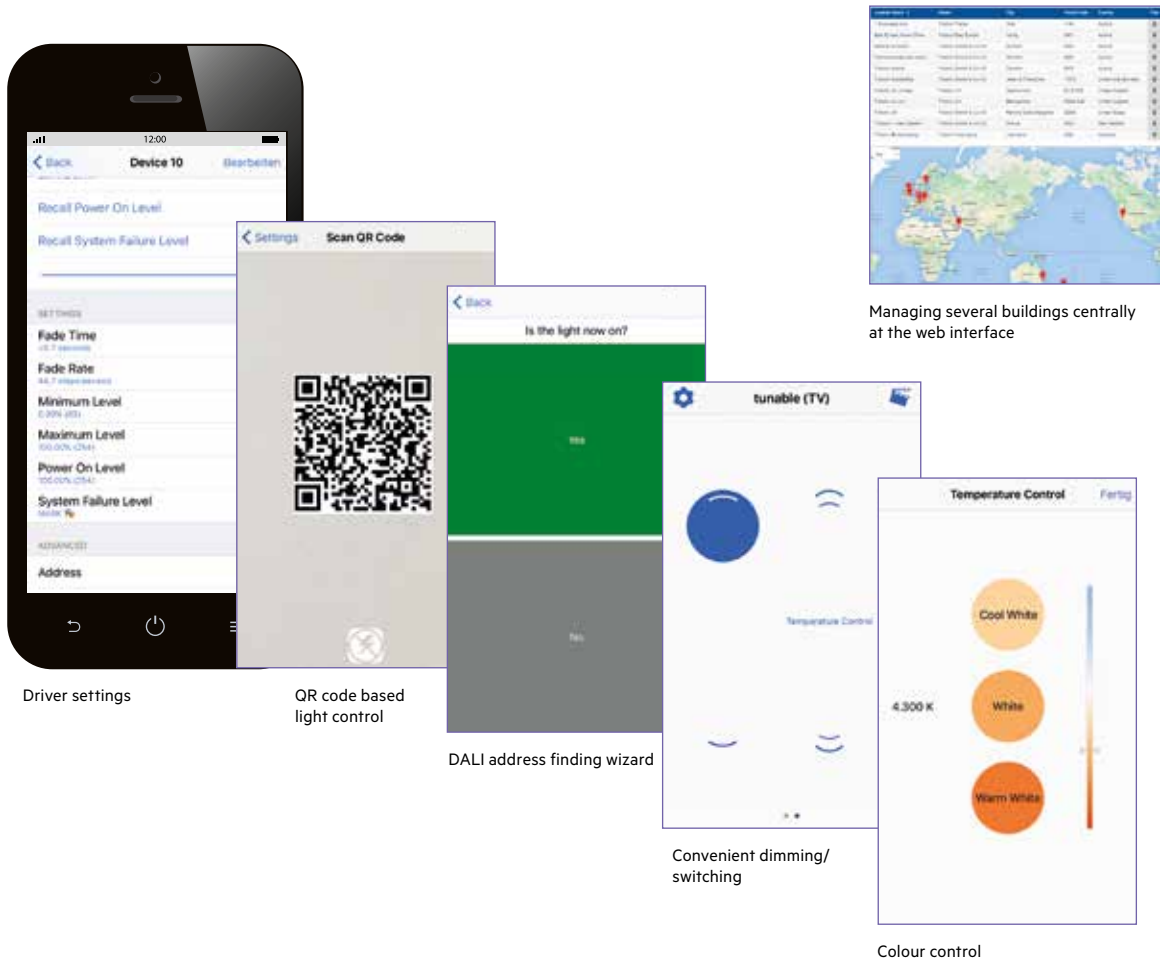
- Unlimited number of gateways
- Use of the DALI lighting control standard
- Use of the TCP/IP industry standard

Functions at a glance

Functional and user-friendly lighting control and management

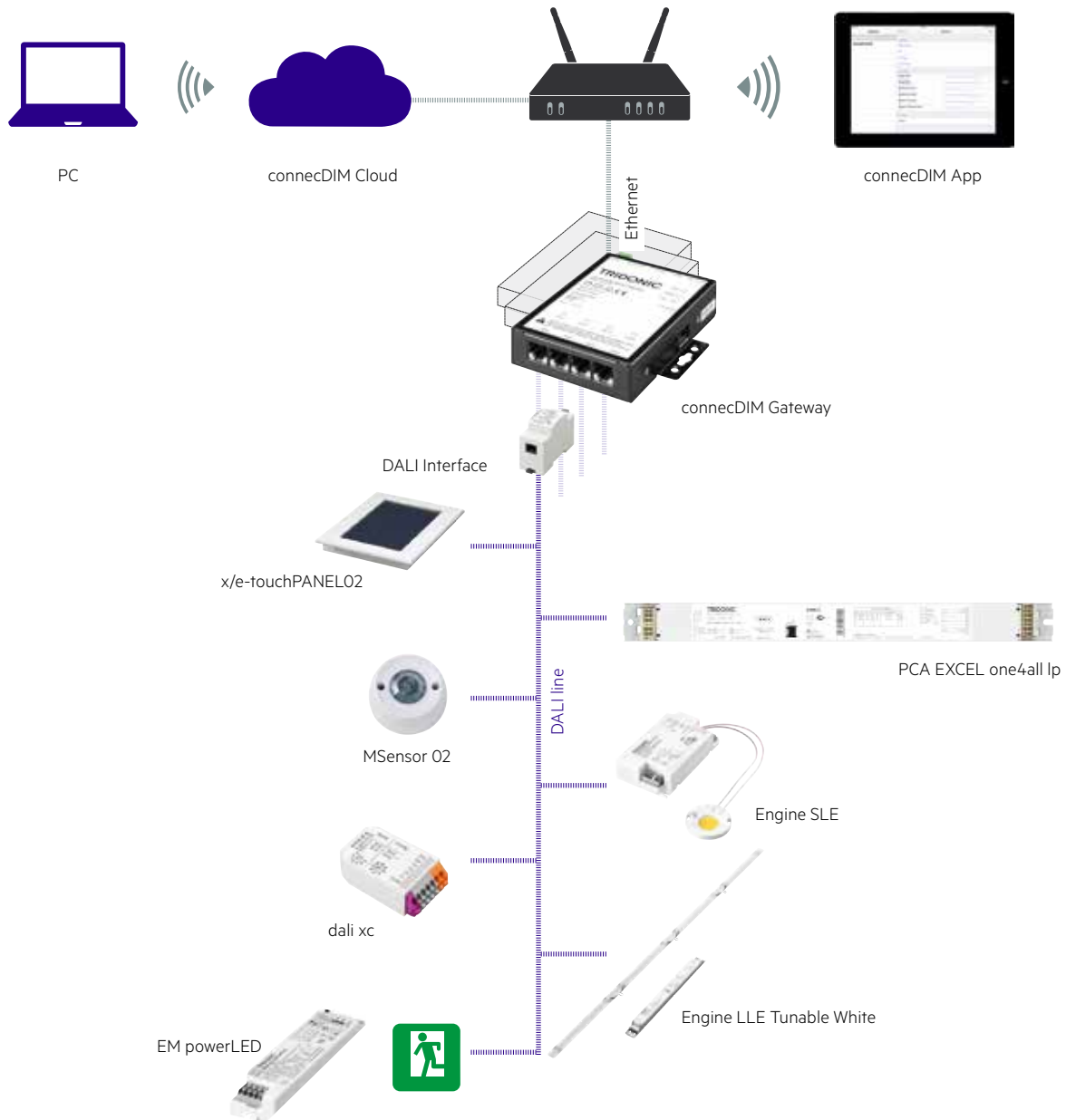
Functionality	connecDIM Lite App	connecDIM Architect App	connecDIM Cloud
Convenient dimming/switching	■		
Tunable White luminaires (colour control)	■		
Central user management	■		■
QR code based light control	■		■
DALI Commissioning		■	
DALI address finding wizard		■	
DALI Bridging Function		■	■
Multiply sites support			■
Device history information			■
Astronomical Schedule Management			■
Automated Emergency Testing & Reporting			■

Simple operation with connecDIM



How to install connecDIM

connecDIM is compatible to Tridonic's full range of DALI products



Reference projects

connecDIM systems in use

Restaurant Tatel in Madrid

The new prestigious restaurant Tatel, located on one of the most prestigious boulevards in the Spanish capital has a floor area of around 800 square metres and offers Spanish cuisine of the highest order with an air of exclusivity. The smart new light management solution connecDIM from Tridonic offers lighting scenes for the different areas and guests of the restaurant, creating the perfect mood whatever the time of day.



Sattler Lighting in Göppingen

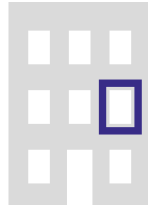
The new headquarters of Sattler Lighting, a specialist luminaire manufacturer based in Germany, has a floor area of around 2500 square metres and accommodates a large showroom, generous meeting rooms and offices in addition to storerooms and social areas. Production facilities, warehousing, a dispatch centre, laboratories and workshops are also located at the new site. The lighting for the entire building is controlled by a connecDIM light management system from Tridonic.

Light at the right place

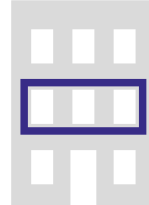
At the right time



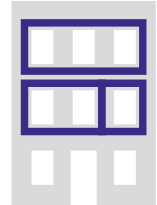
SMART
1 luminaire



basicDIM
approx. 20 luminaires



comfortDIM
120 luminaire



connecDIM
Building/branches

Controlling light intelligently

SMART interface is a compact in-built solution for smart luminaires. It provides maximum convenience and outstanding energy efficiency without the need for any additional control unit.

Light for every mood

basicDIM features lighting control that takes into account the presence of users and ambient light. Besides being suitable for master/slave luminaires, this efficient system wins out in particular thanks to software-free installation.

Convenient light

comfortDIM concentrates on straightforward design, easy installation and flexible configuring on every floor of a building.

Innovative light

connecDIM provides an excellent platform for smart, cost-effective and user-friendly control and lighting management.

A complete Tridonic lighting solution system from a one-stop supplier, from the light source right through to the lighting management system.

As an international company, Tridonic is represented worldwide by 30 branch offices and partners in 73 countries.



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Light you want to follow.

