



Light is IoT ready

DALI PRO 2 IoT

DALI PRO 2 IoT is the innovative LMS control technology for the IoT age. DALI-2 certified and featuring a controller for two DALI lines as well as a built-in gateway, it meets all of today's requirements for professional and efficient light management. Thanks to its browser-based graphical user interface, commissioning the system is as fast and easy as never before.

Light is OSRAM

OSRAM

A fast and comfortable system

DALI PRO 2 IoT

Entering the world of IoT is easy. The DALI PRO 2 IoT comes with a built-in gateway and provides a simple way to access cloud applications. In addition, its browser-based graphical user interface offers a time-saving and intuitive commissioning experience.

Commissioning in three easy steps

DALI PRO 2 IoT makes it easy for installers to familiarize themselves with the system. The handling of the device is intuitive and easy. Once installed, wireless commissioning is quickly done via an intuitive user interface, using either a notebook computer (LAN or Wi-Fi*) or a smart device (Wi-Fi).



Save time with our pre-defined profiles and drag-and-drop

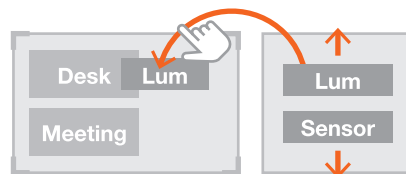
1 Select a profile

Select one of the 10+ pre-defined profiles and simply drag and drop it into your "Project area".



2 Assign luminaires, sensors etc.

With the same drag-and-drop method, assign devices to the profile (e.g. luminaires, sensors etc.).



3 Store in DALI PRO memory

Once the commissioning process is completed, click the "Sync" button to store your work in the DALI PRO, which is now ready for use.



Your profiles need some fine-tuning?

Pre-defined profile parameters can be fine-tuned by the user via the “properties” function.

* At this point in the process, you need to decide which technology you will be using. For this, OSRAM provides you with a built-in decision-making aid. This tool will help you choose between browser-based commissioning via Wi-Fi ("Easy Mode") and the more detailed process via notebook/LAN ("Integrator Mode").

Easy access to the world of IoT

Provided that the connected LED drivers are prepared for the specification parts 251 to 253 (luminaire information, energy consumption and predictive maintenance), the built-in gateway can push these data into the OSRAM cloud, where they can be viewed via the EM/MA dashboard. Authorized users have access to the dashboard from anywhere in the world via internet connection.

1 Cloud log-in/authorization

Accessing and using the cloud is safe, convenient and easy. If you want to use the EM/MA dashboard, please request access from your luminaire supplier. You will then receive an e-mail for registration and access to the dashboard.



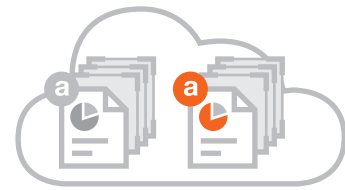
2 Automatic data import

When connecting to the cloud, your data are automatically imported and stored.



3 Safe data monitoring in the cloud

The system creates a “digital twin” with your data within the cloud. From now on, you can safely access the EM/MA dashboard from anywhere and easily monitor and analyze your lighting installation.



Efficient monitoring

With more features and functions than ever before, the new DALI PRO 2 IoT light management system is ready for the future. The EM/MA cloud application helps you navigate, monitor and optimize your lighting installations. **The cloud services Energy Monitoring and Maintenance Assistant (EM/MA) can be purchased through the luminaire supplier.**

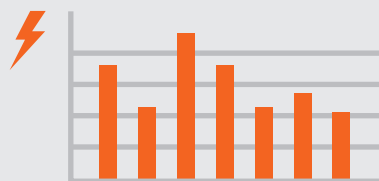
1 Dashboard

The clearly arranged dashboard offers lots of useful information. It immediately provides you with an overview of the entire lighting installations within the building or buildings you are monitoring.



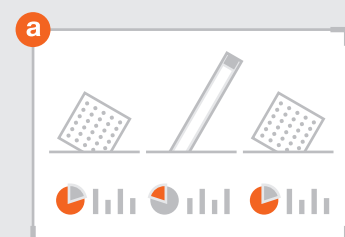
2 Energy Monitoring

Gain insight into individual energy consumption areas. The EM/MA dashboard shows the data that will help you identify possibilities to optimize your lighting system.



3 Maintenance Assistant

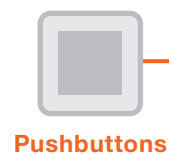
Easy and fast access to individual operating hours of the luminaires for better planning of the maintenance schedule.



Architecture

State-of-the-art commissioning

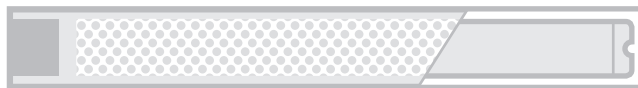
Thanks to the cutting-edge technology offered by DALI PRO 2 IoT, installers on site can configure the system via Wi-Fi – easily, flexibly and much faster than in the past.



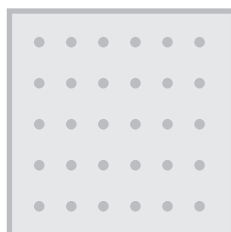
Pushbuttons



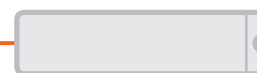
Sensors



Luminaires + LED drivers



LED modules



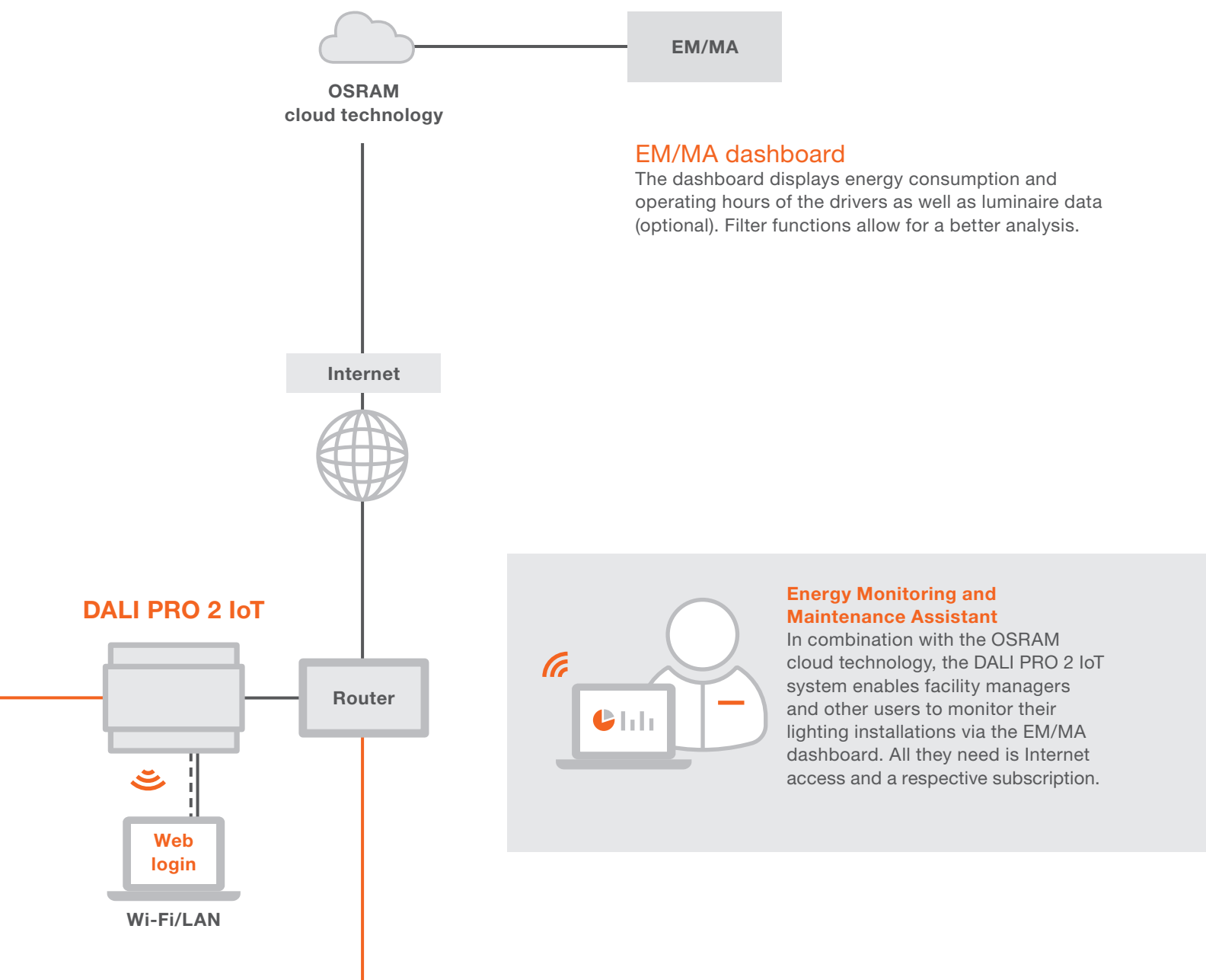
LED drivers

User control

More and more end customers are getting used to accessing electrical devices via smartphones. By downloading the OSRAM app, they can control the programmed light functions in selected areas intuitively and efficiently.



Wi-Fi



DALI PRO: A proven system for various applications

The DALI PROFESSIONAL light management system provides a wide range of functions, such as controlling light colors (RGB), color temperatures and dynamic color changes. These features round up standard functions such as switching, dimming, presence detection and daylight-dependent lighting control.

Moreover, the system can easily be integrated into your KNX system. The new interface KNX IF 250 ensures the bidirectional data exchange between DALI PROFESSIONAL and a KNX system so that centralized functions, such as switching and dimming as well as individual lighting control can be executed via KNX.

Benefits

- Improved product interoperability
- Standardization of system components such as sensors and controllers
- Monitor energy consumption and maintenance data via cloud application
- Connect up to 128 drivers and 126 input devices (sensors, couplers etc.)
- A simple commissioning tool without the need of downloading software
- Connection via on-site local network or controller's own Wi-Fi network
- Work with familiar tools and apps

Areas of application

- Offices: Conference rooms, individual and open-plan offices, corridors
- Industry: Production and assembly facilities, logistics centers
- Education: Classrooms, training rooms, sports halls

Equipment/Accessories

- USB Wi-Fi dongle (included)
- DALI PRO PC software
- End-user mobile app

References/Links

- Configuration software available at www.osram.com/software





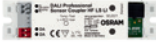









Features

- DALI-2-certified
- Controller for two DALI lines
- Built-in gateway
- Browser-based graphical user interface
- Form factor of 6 TE (DIN rail)
- Backwards compatible with PC tool and mobile app

Ordering info

Product name	EAN10 (single piece)	EAN40 (shipping box)	Pieces per shipping box
OSRAM DALI PRO 2 IoT	4062172114189	4062172114196	20

DALI PROFESSIONAL

	Product category	Product reference	Product number
	Ultraflat luminaire-integrated sensor for OSRAM DALI controls	DALI SENSOR LS/PD LI UF G2	4062172072045
	DALI light and presence sensor, luminaire installation	DALI LS/PD LI G2	4062172072069
	Light and presence sensor, radar, luminaire installation	HF LS LI Sensor	4052899921481
	HF sensor coupler for OSRAM DALI controls	DALI COUPLER HF G2	4062172072199
	Light and presence sensor, recessed ceiling, moveable	LS/PD MULTI 3 CI	4008321916648
	Sensor coupler for LS/PD Multi 3 CI	DALI COUPLER MULTI3 G2	4062172072113
	Ceiling installation sensor for OSRAM DALI controls	DALI SENSOR LS/PD CI G2	4062172072083
	Sensor coupler with integrated light sensor for OSRAM DALI controls	DALI COUPLER LS HIGHBAY G2	4062172072137
	Motion sensor unit for DALI HIGHBAY ADAPTER	HIGH BAY SENSOR	4008321410078
	Motion sensor unit for DALI HIGHBAY ADAPTER	VISION SENSOR	4008321957047
	DALI pushbutton coupler	DALI COUPLER PUSHB G2	4062172087575
	Sensor coupler for external sensors	DALI Sensor Coupler E	4052899230491
	KNX converter	KNX IF 250	4062172020008

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