

Light is OSRAM



Product

DALI PRO 2 IoT

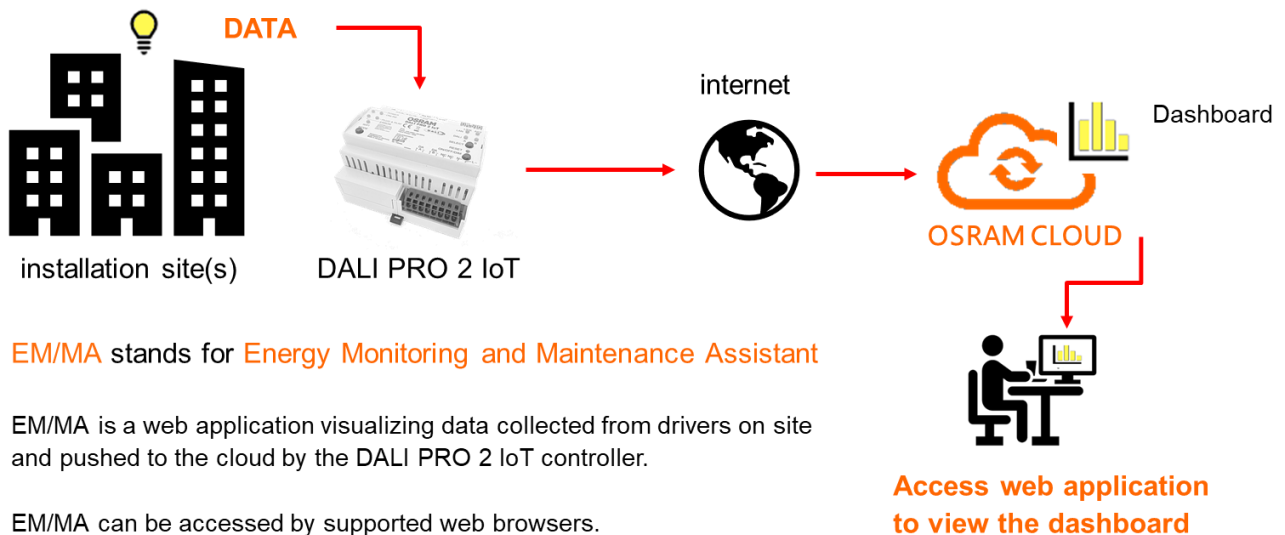
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Quick Start Guide

Web Application EM/MA

Energy Monitoring and Maintenance Assistant

Introduction

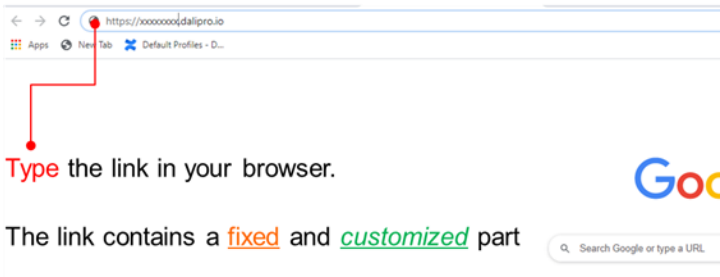


EM/MA stands for **Energy Monitoring and Maintenance Assistant**

EM/MA is a web application visualizing data collected from drivers on site and pushed to the cloud by the DALI PRO 2 IoT controller.

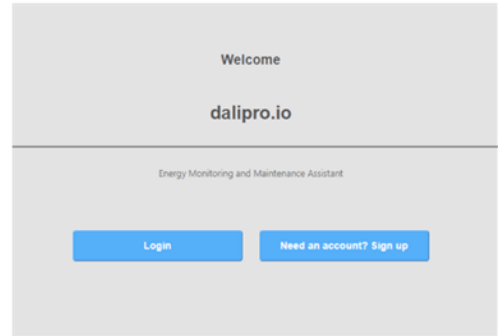
EM/MA can be accessed by supported web browsers.

Step 1 Fill in the URL link in your web-browser



https://xxxxxx.dalipro.io
xxxxxx to be defined by the customer

Step 2 Login with your credentials



Please contact your **supplier**
how to get access to this Web Application

Step 3 View the Dashboard

OSRAM

Filter function

Time window can be selected here

First View is Energy Monitoring

Other views can be selected from the navigation bar

In addition to Energy Monitoring already a snapshot of "health"

Category	Value	Unit
Previous Installation	2465.75	kWh total
With Light Control	782.67	kWh total
Savings	1683.09	kWh total
Money saved	252.46	
Energy consumed	-68.26 %	
CO2 emissions avoided	841.54 kg	

Step 4 Change view period and parameters

OSRAM

Energy Monitoring
Maintenance
Devices
Settings

Filter Function per Zones & Groups as defined in commissioning

Energy Consumption "Energy Usage" in kWh for a user defined period of time.

Click and select one of the options from the pop-up menu

Reference level Previous installation

Click on Settings to define parameters of the previous installation and other constants in pop-up list.

Savings in %

CO2 reduction

Lifetime indicator

Savings in kWh

OSRAM demo © 2019 OSRAM GmbH

Step 5 View the Dashboard (Maintenance)

OSRAM

Energy Monitoring
Maintenance
Devices
Settings

Color coding for remaining lifetime

Indicator to show how many of the installed drivers are on-line

Power indication

Zones

Click on a zone

Groups within a zone is displayed as well

System status
Overview of device lifetime and availability

Power Consumption
Power consumed in Watt

Power per area
Consumption per m² in W

Availability
System availability in percent

Zones

Status	Zone	Total Power	Good
●	Wareneingang zone	1495 W	28
●	Netzwerkfläche group	882 W	15
●	Arbeitsplatz 2 group	121 W	4
●	Arbeitsplatz 1 group	140 W	5
●	Waren-Anlieferung	214 W	4

OSRAM demo © 2019 OSRAM GmbH

Step 6 View the Dashboard (Devices)

The screenshot shows the OSRAM dashboard interface. On the left, there is a sidebar with navigation options: Energy Monitoring, Maintenance, Devices (selected), and Settings. The main area displays a table of devices with columns for Status, Title, ID, Address, Zone, Group, Dim Level, Power, Driver Temp., and Rem. Lifetime. A search bar is located at the top right. Below the table, there are pagination controls and a dropdown menu for the number of devices shown (options: 5, 10, 25, 50, 100, all).

Annotations with red boxes and lines pointing to specific features:

- Filter functions:** Points to the filter dropdowns (Status, Lifetime, Zones, Groups) and the 'Reset all filters' button.
- Dim Level:** Points to the 'Dim Level' column header.
- Power:** Points to the 'Power' column header.
- Search Function:** Points to the search bar.
- Remaining Lifetime:** Points to the 'Rem. Lifetime' column header.
- Temperature of the drivers:** Points to the 'Driver Temp.' column header.
- Select how many devices are shown:** Points to the dropdown menu below the table.
- Click on devices to see details:** Points to a device entry in the table.
- Tick boxes to adjust your view:** Points to a 'Status' filter modal window showing options like Online, Error, Offline, and Not maintained.

Step 7 View the Dashboard (Devices, details)

The screenshot shows the detailed view of a device. The top left corner displays 'Failure Report' with the date and time '01/14/2021 1:33 PM' and 'No Failures'. The main content is divided into three sections:

- Device:** Shows GTIN (Gt4052899559516), Max. Input Power (55 W), and Color Temp. (0 K).
- Location:** Shows Group (Arbeitsplatz 2), Title (L 2_7), and Zone (Wareneingang).
- Lifetime:** Shows Total (50000 h), Used (20916 h), and Remaining (29084 h / 58 %).
- Live Data:** Shows Status (Online), Power (53.40 W), Dim Level (100.00 %), and Driver Temperature (50 °C).

Annotations with red boxes and lines pointing to specific data points:

- Device data e.g. GTIN number:** Points to the GTIN value.
- Location Physical location on installation site:** Points to the Location section.
- Lifetime data Operating hours and remaining lifetime:** Points to the Lifetime section.
- Live data Power, Dim-level and Temperature of driver:** Points to the Live Data section.