



It's DALI, just without the cable

Upgrading to wireless control for indoor lighting enables building owners to improve energy efficiency and cut costs. W-DALI is the ideal alternative to running DALI cables for retrofit or modernization projects.

Compared to a wired project, W-DALI cuts installation times, simplifies planning and allows contractors to take on jobs in buildings where running new cables is just not possible.

And as W-DALI is DALI in-DALI out, programming and commissioning is just the same – no need to learn a new system or change your DALI controller.

W-DALI PRODUCT RANGE

W-DALI NODE

- Receiver for groups of lighting fixtures
- Fitted inside fixture or in junction box



W-DALI DIN RAIL

- Transmitter
- Designed to be mounted in electrical cabinet beside existing DALI controller



QUICK AND EASY INSTALLATION

Wireless means no new cables so retrofit projects can be carried out quicker and at lower cost. Use your choice of DALI controller and connect with ease.



INCREASED PROJECT CAPACITY

Wireless lighting control enables the completion of any installation project, no matter the type, size or age of the building.



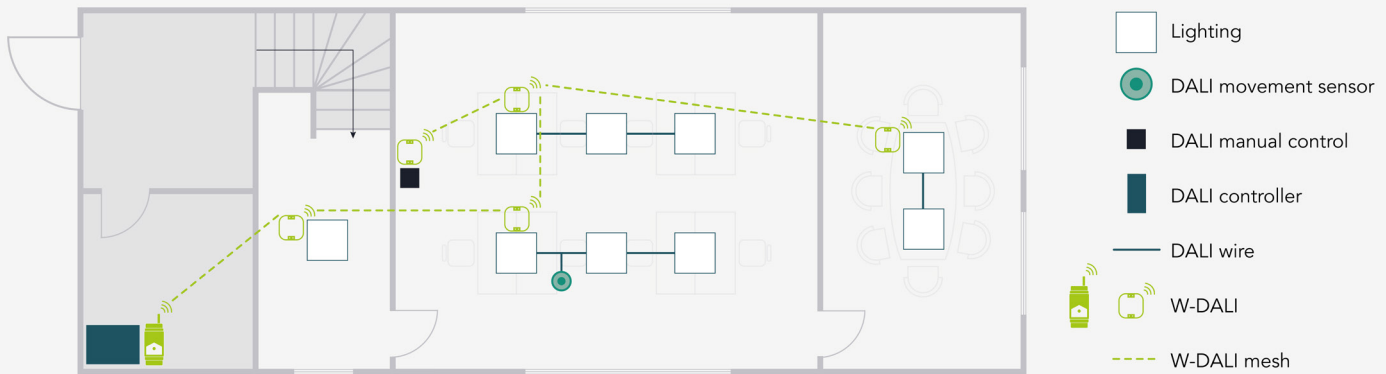
SIMPLIFIED COST PLANNING

With a wireless installation you know the exact cost and work involved in advance so project planning and bidding becomes quicker and more accurate.

FEATURES

- Out-of-the-box installation – just power up and connect to your W-DALI device and you are up and running.
- Instant wireless setup – with just one push of a button, the W-DALI network is set up within minutes.
- Mesh network – W-DALI is built on LumenRadio’s ultra-reliable long-range MiraMesh. Cover an entire building, utilizing the mesh network as your infrastructure.
- Range – up to 500 meters (line of sight) between two meshing W-DALI units.
- Reliability – LumenRadio’s patented frequency-friendly Cognitive Coexistence technology provides rock-solid connectivity and immunity to interference.
- Self-optimizing network – the mesh network will always find the best way to send messages through the network between devices.
- Individual or multiple control – W-DALI can be used for individual wireless control or used in a wired daisy chain, with one W-DALI to many lighting fixtures. You can even add a DALI sensor to the same DALI line.

SYSTEM OVERVIEW



WHY CHOOSE LUMENRADIO?

WE KNOW WIRELESS

LumenRadio’s unique patented wireless technology predicts and finds the best channel to communicate on. We call it Cognitive Coexistence™ – you can call it peace of mind.

ROCK-SOLID PERFORMANCE

Cognitive Coexistence allows our tech to operate reliably even in the most crowded of spaces so you get interference-free service every time. Where others fail, we deliver.

PROVEN RELIABILITY

From epic stageshows and Hollywood blockbusters to challenging industrial environments and vast buildings, we have been delivering wireless without worries for almost two decades.


CONTACT


Headquarters

 **Sweden, Gothenburg**
LumenRadio AB
Johan Willins gata 6
416 64 Göteborg

+46 31 301 03 70
sales@lumenradio.co

Sales offices

 **Germany, Frankfurt**
+49 619 658 655 590
sales@lumenradio.com

 **US, Boston**
+1 617-901-9382
sales@lumenradio.com