



## It's DALI, just without the cable

W-DALI is a wireless alternative to the DALI cable - the ideal alternative to running DALI cables for retrofit or modernization projects.

With no need for extensive rewiring or construction work, W-DALI gives you an instant wireless lighting network. 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



### SAVE TIME AND MONEY

Make installation projects more profitable with LumenRadio's W-DALI lighting control. Contractors can carry out building retrofits in record time with no need for extensive rewiring or complex construction work.



### SIMPLE INSTALLATION

The W-DALI DIN RAIL transmitter clicks straight into the electrical cabinet, right next to the existing DALI controller, and the W-DALI Nodes can connect up to 10 fixtures at once. The network is created at the touch of a button.



### FULL DALI SUPPORT

Use your preferred wired DALI controller together with any DALI compatible lighting and/or DALI sensors. W-DALI is fully transparent to any forward and backward DALI frames – and there is no change to commissioning or programming.

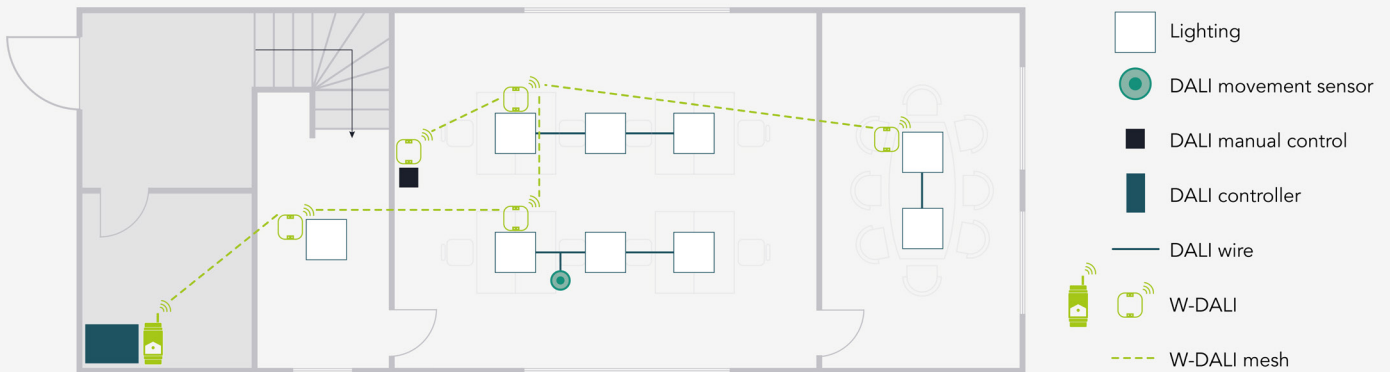
## FEATURES

- 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.



Read more

## SYSTEM OVERVIEW



## WHY CHOOSE LUMENRADIO?

### LESS HASSLE, LESS COST

Get instant wireless control with no construction work, just faster project completion.

### ROCK-SOLID PERFORMANCE

Replace cables with wireless communication in challenging environments where nothing but perfection is accepted.

### ENERGY EFFICIENCY

Upgrade existing buildings with wireless control to enable energy savings and meet sustainability targets.



LumenRadio is a Swedish technology company offering reliable wireless product-to-product connections for business-critical IoT applications. Our scalable solutions build on patented wireless technology for lighting control, building automation and industrial communication. We have a zero vision when it comes to cables and every day we deliver – Wireless Without Worries.

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