

## MiraMesh – the ultimate mesh technology

MiraMesh is LumenRadio's wireless mesh network for the most business-critical IoT applications. Powered by Cognitive Coexistence technology, Mira offers ultra-reliable connectivity and enables running a battery-operated wireless mesh for multiple years. With its built in RTOS, MiraOS, getting started has never been easier.



### ✓ FREEDOM OF CHOICE

Highly configurable mesh network which suits many different use cases, from tunneling wired protocols transparently in real time, to aggregating sensor data over several years on a single coin cell battery. Available with or without integration of the Mira operating system.

### ✓ BEST-IN-CLASS RESILIENCE

Mira implements a self-healing, self-configured, adaptive mesh. The optimal data routes are found and constantly re-evaluated to adapt to changes in the environment.

### ✓ EASE OF USE

Features such as built-in firmware, over-the-air support and a fully embedded operating system – with process handling and hardware peripheral drivers – makes Mira a one-stop-shop for your embedded application.

### ✓ LOWEST POWER MESH

With extreme time synchronization, careful scheduling and optimal frequency choices, Mira manages to operate stable meshing nodes using just a few tens of microamps. Sub 30 uA for routing nodes and sub 10 uA for non-routing nodes.

### ✓ INTEROPERABILITY

Mira enables a scalable wireless mesh network which is simple to install and commission. It will support your legacy devices with concurrent use of third-party protocols through radio time slicing.

## WHY CUSTOMERS CHOOSE WIRELESS TECHNOLOGY FROM LUMENRADIO

- Rock-solid wireless performance
- Reliability in business-critical environments
- Patented wireless mesh technology
- Frequency-friendly Cognitive Coexistence technology
- Easier troubleshooting
- Low power consumption
- Proven wireless expertise



CHOSEN BY:







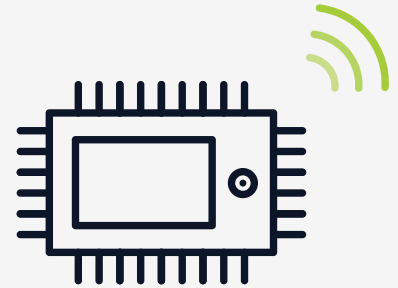


## Seamless wireless integration

Integrate completely certified radio modules built on patented wireless mesh technology directly into your devices.

We have wireless alternatives for the BACnet, DALI, DMX and Modbus cable protocols. Or if you want the flexibility to tailor integration to your own product architecture, you have Mira radio modules for wireless mesh.

Experience the seamless integration, reliability and innovation that our patented technologies and radio modules bring to the table.



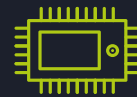
### FASTER TIME TO MARKET

Whether your requirements are for small-scale OEM projects or large-scale deployments, we will help you make a smooth transition to wireless.



### UNMATCHED RELIABILITY

Say goodbye to connectivity hiccups and embrace a seamless communication experience for your devices.



### CERTIFIED MODULES

Get patented wireless mesh technology from radio modules which are already certified and ready for integration.

## RADIO MODULES

### MIRA MODULES

MWA-N2

MWA-N3

MLE-N2



### DMX MODULES

TiMo

TimoTwo

Pluggy

CRMXchip



### OTHER PROTOCOLS

AirGlow

W-DALI

W-BACnet

W-Modbus



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.


### CONTACT


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