



The IQD/1 forms part of the LiteMesh suite of wireless products. This unit communicates with DALI emergency control gear and sends multi-directional data through its mesh network.

- Suitable for Integral or Remote Applications
- Compatible with all DALI Emergency Products
- Simple Installation
- Operates with LiteWork Commissioning Tool
- Transmits at Long Range 868Mhz
- Compatible with LiteMesh-Cloud
- Compatible with LiteMesh-Local

The mesh operates IQRF's 868Mhz frequency, which achieves up to 100m range between nodes. This is perfect for emergency lighting and continuity of the mesh. IQRF's technology provides a scalable, robust and secure network.

The module is capable of being used for integral, or remote applications, thanks to its removable strain relief terminal covers.

## Order Codes

**IQD/1/LOCAL** LiteMesh Compatible Wireless node for use with DALI Emergency Control Gear. For LiteMesh-Local

**IQD/1/CLOUD** LiteMesh Compatible Wireless IoT node for use with DALI Emergency Control Gear. For LiteMesh-Cloud

## Technical Details:

Input Voltage	230-240V AC 50/60Hz
Network Topology	Mesh
Range (device to device)	Up to 500m line of sight and up to 100m within a building
Range (device to gateway)	Up to 10m
Security	Multilayer, AES-128, Dynamic Keys
Band	433 / 868 / 916 MHz
SW	OS + DPA + Appl. + SDK
t <sub>a</sub>	-10° C to +60° C
t <sub>c</sub>	70° C

Liteplan declares that the radio equipment type IQD/1 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at [liteplan.com](http://liteplan.com)

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