IQRF LIGHTING SOLUTIONS

IQRF LIGHTING BRIDGE

Control unit for indoor and emergency lighting

MICRORISC

No more wasted electricity thanks to automatic remote monitoring and control in a robust wireless network. Immediate overviews of the switch-on status without the need to personally observe lights. Simple and quick installation.

EASY INSTALLATION

- ✓ Great for new installations or building retrofits.
- ✓ No need to shut down the operation or modify the power network.
- ✓ Simply plug the bridge into the light fixture.
- ✓ Connect the LED driver in the light to a wireless mesh network in few steps.

DEPLOYMENT, MAINTENANCE AND ENERGY COSTS SAVINGS

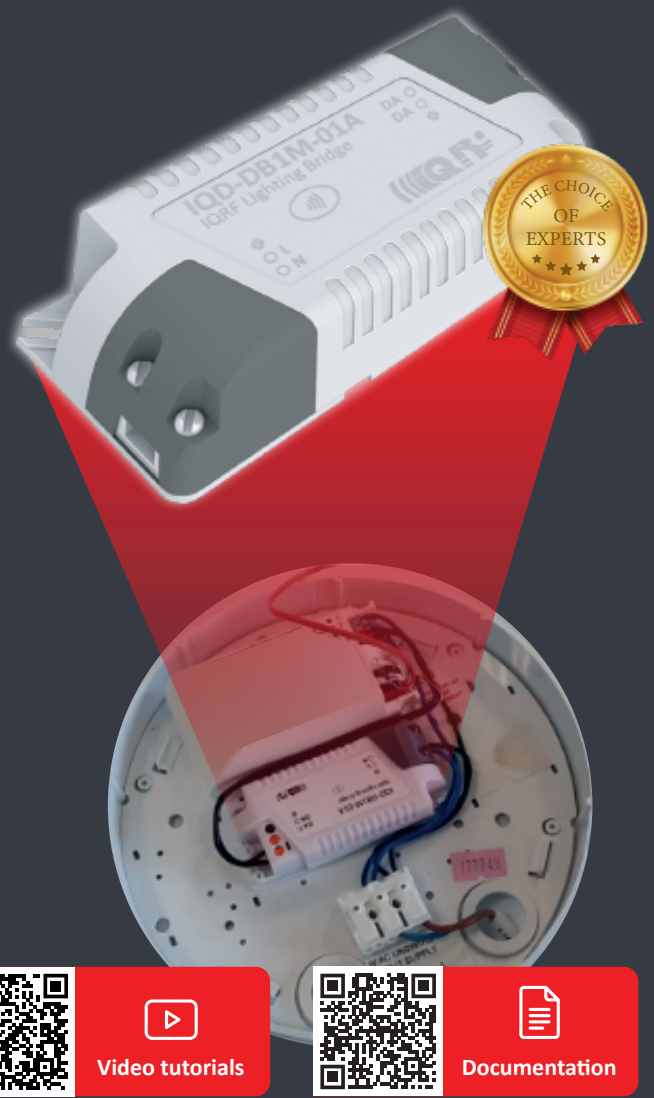
- ✓ No need to install or take care of expensive data cables.
- ✓ Save energy and personal costs.
- ✓ Immediate overview of the technical condition of lights.
- ✓ Effective management – direct targeting of service intervention.

FLEXIBLE MONITORING AND CONTROL

- ✓ Robust and reliable wireless network for lighting management.
- ✓ Remotely ON/OFF/dimming.
- ✓ Set lighting zones according to needs, control lights in groups or individually.
- ✓ Autonomous network of lights without the need to be connected to a cloud.
- ✓ Freedom of connectivity to any cloud or server control system.

DYNAMIC BUILDING MANAGEMENT

- ✓ Even in an empty building, you can turn ON/OFF the lights as needed.
- ✓ Automatic lighting scenarios.



Video tutorials

Documentation

LEARN MORE ON OUR WEBSITES OR CONTACT US

Websites:
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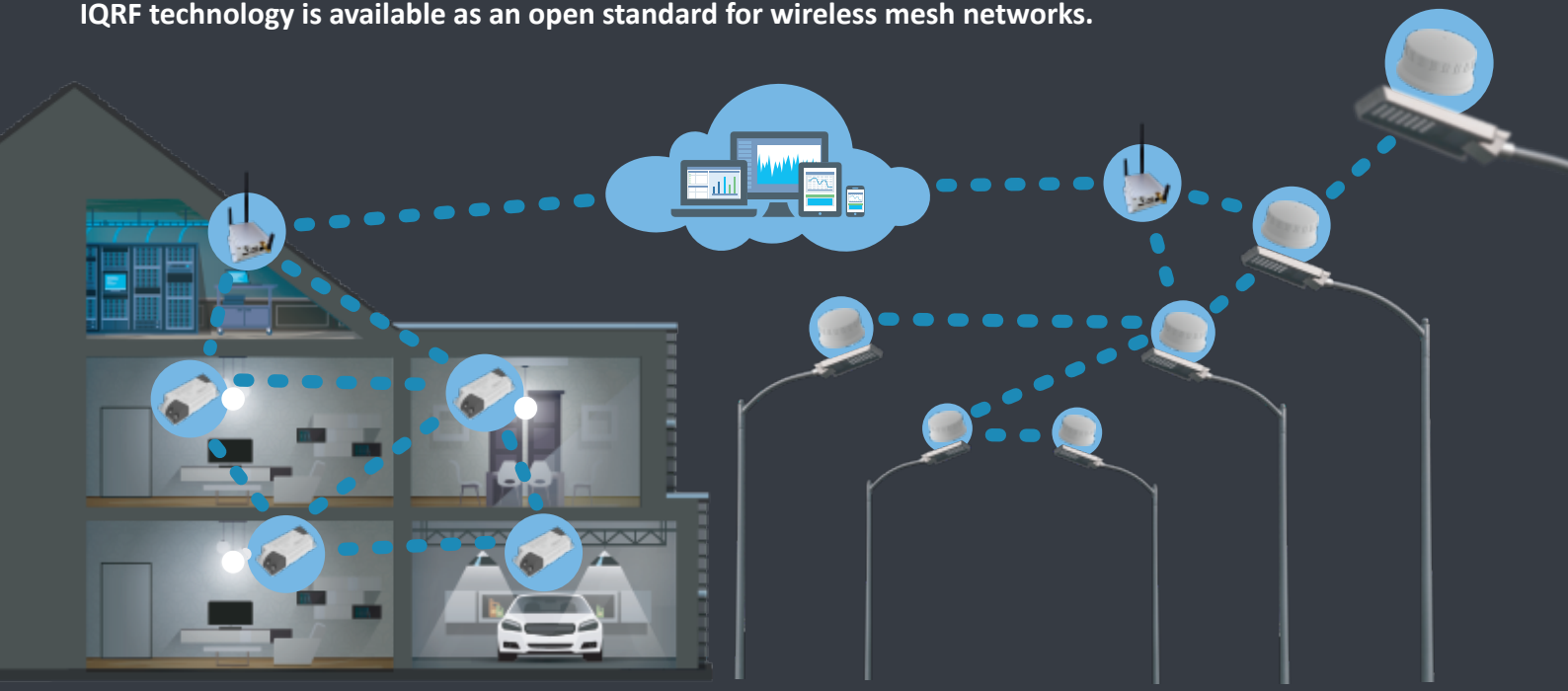
Remote control and monitoring of lighting in the IQRF wireless mesh network is proven by extensive installations worldwide. IQRF Tech, MICRORISC, and other IQRF Alliance members' portfolio contain all essential parts from IQRF transceivers, wireless lighting controllers, IoT gateways, management applications, locally autonomous or cloud-based.

IQRF technology is available as an open standard for wireless mesh networks.



INDOOR LIGHTING

Lighting control and monitoring from a central application or using touch screens or switches. By its principles IQRF lighting solutions work properly even in challenging environments with many radio signal obstacles or interference, where many others fail.

- **Industrial halls, shopping centers, office buildings, schools and colleges, cinemas, sports halls, hospitals, retirement homes, churches, and many others...**

EMERGENCY LIGHTING

Emergency lighting solutions using IQRF wireless mesh technology enable remote system maintenance, including shutdown, restart, or firmware update. It is possible to control lights in bulk or selectively focusing on errors in lights, battery status, stability of communication connection, online inspection and testing, or regular service monitoring of individual luminaires.

STREET LIGHTING

There are tens of thousands of streetlights worldwide that operate in the reliable IQRF wireless mesh network. Complex systems enable remote control and monitoring of public lighting, CCTV, energy consumption measurement, control of traffic, monitoring of parking sensors, and environmental sensors, all based on real-time RF communication in the mesh network.

With a remote connection, it is possible to adjust light intensity, respond to people's needs, and decrease energy consumption. All monitored parameters are available immediately. This results in significant savings also on the maintenance side.

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