

# HIQ Lighting Control - HIQ LCS Introduction

HIQ LCS is a system of integrated devices and software that is targeted for lighting automation. The primary function is control and management of any lights – on/off, dimmable, LED RGB, LED stripes using local wired or wireless push or touch buttons, Wi-Fi tablets, Mobile phones or BMS/SCADA monitoring and control. Lights can be controlled by scenarios, scheduled, by motion sensors using direct relay modules, DALI, DSI or PWM/Triac dimmable and LED stripes. Although the basic concept of HIQ LCS is simple, the possibility to extend current capabilities or add new is unlimited.

## Field Input Devices

Field Input Devices can be:

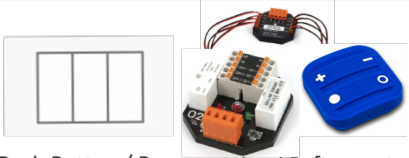
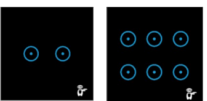


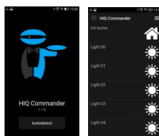
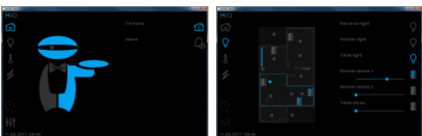


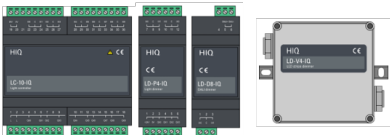
- **any push buttons** on binary inputs of Master controller or any other IEX module (DIN rail mount, flush mount or field device)
- **touch buttons** on Modbus port of Master controller
- **EnOcean wireless Wall buttons or Soft remote** on EnOcean receiver of Master controller or IEX-2 EnOcean receiver for switches
- **Scene panel** on IEX bus
- **Motion sensors** on binary inputs of Master controller or any other IEX module (DIN rail mount, flush mount or field device)
- **EnOcean wireless Motion sensors** on EnOcean receiver of Master controller or IEX-2 EnOcean receiver for switches

## Monitoring and Control

- **HIQ Commander** - a Smartphone app
- **My HIQ** on any HMI panel, Tablet, Laptop or Desktop PC
- **SCADA** on any Laptop or Desktop PC

## Controllers and IEX modules

- **LCS controller** [MC-230](#)

|                        |                    |  |   |
|------------------------|--------------------|--|---|
| Field Input Devices    | Wired and Wireless |     | <p>Push Button / Remote relay / Soft remote</p> <p>Touch Button</p> <p>Scene panel</p> <p>Motion / Lightness Sensor</p> |
| Monitoring and Control |                    |      | <p>Smartphone app</p> <p>Tablet / PC app</p> <p>SCADA BMS</p>   |
| Controllers            |                    |    | <p>Master controller</p> <p>On/Off, Dimmable, DALI/DSI, LED stripe modules</p>  |

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