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

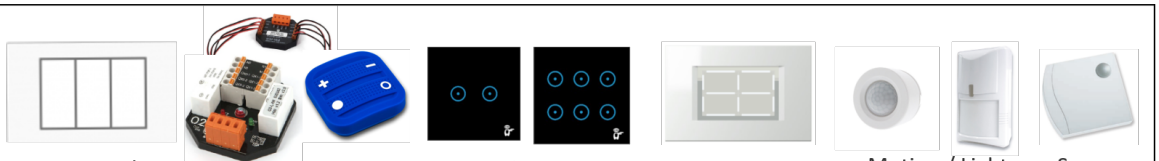
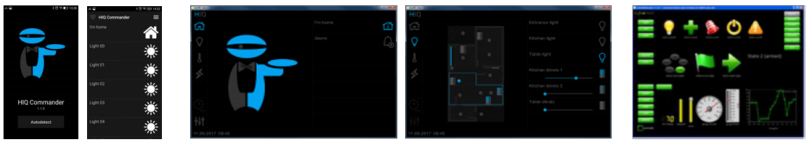
- **any push buttons** on binary inputs of LCS controller MC-230 or any other IEX module (DIN rail mount, flush mount or field device)
- **touch buttons** on Modbus port of LCS controller MC-230
- **EnOcean wireless** Wall button or Soft remote on EnOcean receiver of LCS controller MC-230 or IEX-2 EnOcean receiver for switches
- **Scene panel** on IEX bus
- **On wall or on ceiling long range motion sensor** on binary inputs of LCS controller MC-230 or any other IEX module (DIN rail mount, flush mount or field device)
- **False ceiling EnOcean wireless Motion sensor** on EnOcean receiver of LCS controller MC-230 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
- **10 8A relay output module** LC-10-IQ

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