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(Rimuovere questo paragrafo a lavoro completato)

# Dispositivi controllabili con HIQ

## Luci

### Che tipo di luci posso controllare?

- Normali (On/Off)
- Normali dimmerabili
- Dimmerabili con DALI
- Dimmerabili strisce a LED
- Dimmerabili strisce a LED RGB

**Come sono controllabili \* Tramite pulsante locale e/o rilevatore di presenza \* Tramite scenari pre-programmati \* Tramite telecomando IR \* Tramite applicazioni HIQ** Perché controllare le luci con HIQ? \* **Semplicità di utilizzo \* Modo/i temporizzati \* Controllo di più luci con scenari preimpostati \* Semplice visualizzazione con HIQ commander**



^ Controlled device ^ Devices/controller  
 ^ Devices/module ^ Control module ^  
 Modules/controller ^ | Light - General purpose On/Off | 40 | **10** | **LC-10-IQ** | **4**  
 | | **Light - 230 VAC dimmable** | 16 | **4**  
 | **LD-P4-IQ** | **4** | | **Light - DALI light** |  
 ::: | **8** | **LD-D8-IQ** | **2** | | **Light - single color LED stripe** | ::: | **4** | **LD-V4-IQ** |  
**4** | | **Light - RGB(W) LED stripe** | **4** | **1**  
 | ::: | ::: |

===== Blinds =====

**Which type of blinds can we control?**



- Blinds
- Curtains
- Awnings
- Shades
- Projector screen and lift

Basically all type of bidirectional motorized blinds with built-in limit switches.

**How blinds are controlled**

- Local auto up/down push-button (same function as automatic car windows)
- Through scene
- With IR remote controller
- From HIQ applications

**Why control blinds with HIQ?**

- Easy local control

(just  
press  
button -  
no need  
to hold  
and wait)

- Control  
many  
blinds  
with one  
click with  
scenes
- Easy  
overview  
and  
control  
with HIQ  
command  
er

^ Controlled device ^ Devices/controller  
^ Devices/module ^ Control module ^  
Modules/controller ^ | Blinds, shadings,  
curtains, awnings | 10 | 5 | **BC-5-IQ** | 2 |

## ===== Managed power sockets

=====

### **Individually controlled sockets for:**



- Table lights
- Standing lights
- Standing fans
- Christmas tree lights
- Small home appliances (coffee machine, kettle, ...)
- Boiler
- Domestic water heater
- Washing machine
- Dryer

### **Group controlled general sockets:**

- To switch off all sockets during night and when not at home
- Do not use for appliances which constantly in need power supply for undisturb

ed  
operation  
(refrigerat  
or,  
freezer,  
...):

### **How managed sockets are controlled?**

- Locally with push-buttons
- Through scene
- With IR remote controller
- From HIQ applications

### **Why control sockets with HIQ?**

- Easy local control
- Timer mode
- Control many sockets with one click with scenes
- Easy overview and control with HIQ commander
- Automatically power off dangerous appliances like iron

or cooker  
when you  
are away

^ Controlled device ^ Devices/controller  
^ Devices/module ^ Control module ^  
Modules/controller ^ | Power socket | 40  
| **10** | **LC-10-IQ** \* | **4** | \* **external**  
**power relay is highly recommended**

===== Exhaust fans =====

All single speed exhaust fans in toilets, kitchen, garage, ...



### How exhaust fans are controlled?

- Locally with push-buttons
- Through scene
- With IR remote controller
- From HIQ applications

### Why control exhaust fans with HIQ?

- Easy local control
- Timer mode
- Control many fans with one click with scenes
- Easy overview and control with HIQ commander

^ Controlled device ^ Devices/controller  
^ Devices/module ^ Control module ^  
Modules/controller ^ | Exhaust fan | 40 |  
**10 | LC-10-IQ | 4 |**

## ===== Scenes =====

Scene sets a group of lights, shades (curtains), fans and managed sockets to the present value.



Scene can be set with:

- Local push-button with LED indicator which indicate if scene is active
- With IR remote controller
- From HIQ applications

Affected devices are simple selected in PC GUI application.

User can easy store actual state of all affected lights and position of affected blinds into scene by long-press scene button.

^ Controlled device ^ Devices/controller  
^ Devices/module ^ Control module ^  
Modules/controller ^ | Scene push-button with LED indicator | 16 | **4** |

**SC-4S-IQ | 4 | | Scene touch panel |**  
**::: | / | SC-4T-IQ | ::: |**

==== HVAC ==== Multi zone temperature control maintain optimum temperature each room, depending on the purpose and the actual needs. HiQ supports multiple schedules for heating / cooling and advanced energy efficiency algorithms.

### Supported devices:

- Heating/cooling source
  - Boiler
  - Chiller
  - Heat pump
- Heating/cooling elements
  - Fan-coils (Convectors)
  - Radiators
  - Surface heating and cooling (floor, ceiling or wall)



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### **How HVAC devices are controlled?**

- Locally  
with  
thermosta  
t
- From HIQ  
applicatio  
ns

### **Features:**

- Easy local  
setpoint  
correction
- Advanced  
fan-coil  
functions:
  - tim  
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  - fan  
spe  
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limi  
tati  
on
- 3 setpoint  
timetable

## S

- set  
acti  
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setp  
oint
- Hi / Low  
limits for  
setpoint
- Easy  
configurat  
ion with  
PC GUI
- Automatic  
ally  
disable  
heating /  
cooling  
when  
window is  
open or  
condensat  
ion point  
is reached  
(in cooling  
mode)

```

^ Controlled device ^ Devices/controller
^ Devices/module ^ Control module ^
Modules/controller ^ | HVAC - Zone
thermostat | 5 | / | TH-1M-IQ | 5 | | :: |
:: | :: | TH-1T-IQ | :: | | :: | :: | :: |
TH-2-IQ | :: | | :: | :: | :: | TH-3-IQ |
:: | | HVAC - Fan-coil | 5 | 1 | FC-1-IQ
| 5 | | HVAC - Radiator valve | 5 | 5 |
HC-IQ | 1 | | HVAC - Floor heating
valve | :: | :: | :: | :: | | HVAC -
Ceiling cooling valve | :: | :: | :: |
:: | | HVAC - Boiler (On/Off) | 1 | 1 |
:: | :: | | HVAC - Chiller (On/Off) | 1 |
1 | :: | :: | ===== Access control
=====

```

**Supported devices:**



- Unlock your door using smartphone and HIQ Commander



- Intercoms (IP and analog, voice and/or video versions)
- Fingerprint readers
- RFID readers
- GSM modem

**How access control devices are controlled?**

- Locally with push-buttons (on the

- inner wall)
- From HIQ applications
- From access control device

### **Why link your access control device with HIQ?**

- Open your door with HIQ applications
- Add remote function
- Unique identification creates the ideal conditions for a HIQ home system that works as efficiently as possible so that your house knows who is at home
- Access control monitoring

===== Safety & security =====

**Supported devices:**

- Motion sensors
- Door/window sensors
- Gas sensors (CH<sub>4</sub>, LPG)
- Smoke detectors
- Water leak detectors
- Air quality sensors
- Various gas detection (CO<sub>2</sub>, CO, NO<sub>2</sub>, O<sub>2</sub>...)
- Condensation sensors
- GSM modem



**Alarm transmission:**

- Indication with a horn/light (or a scene) which is linked to an appropriate output.
- Connection with home alarm.
- The appropriate output

can be connected to actuator which closes the water / gas in the whole house/apartment.

- Switch off cooling when condensation occurs.
- Connection with ventilation/recuperation system.
- Connection with [GSM modem](#) that sends SMS and/or make a telephone call.

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