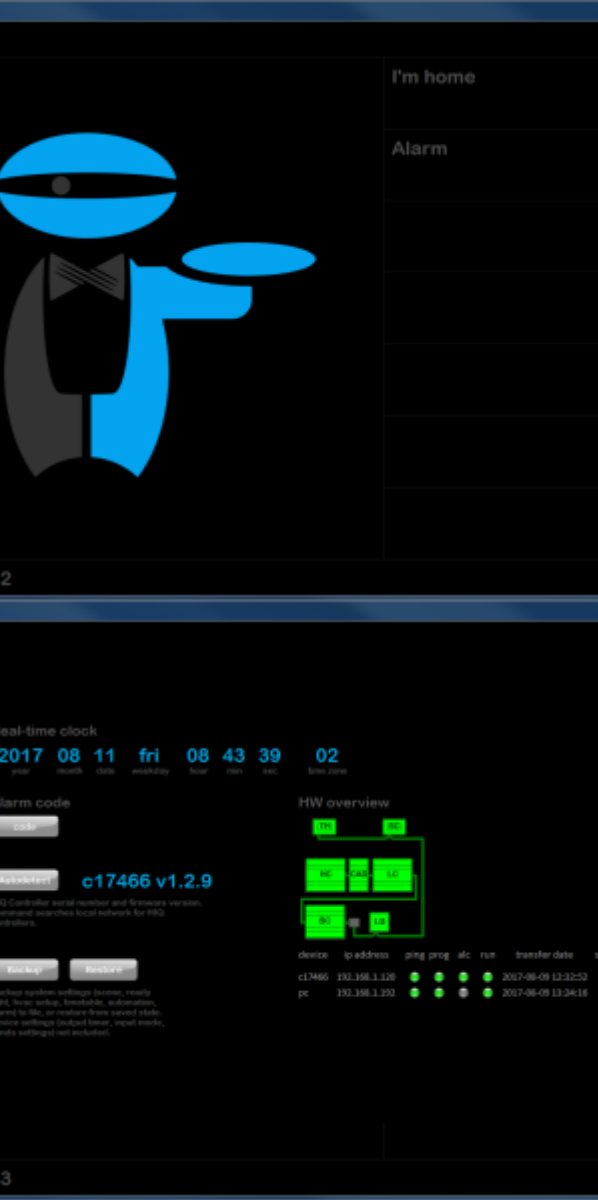
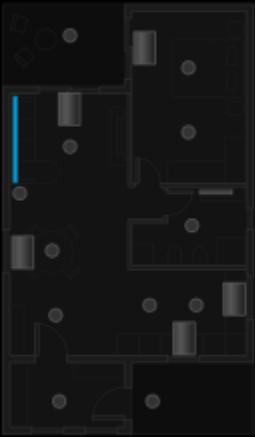


myHIQ Home

myHIQ is a custom application built for specific projects based on CybroMiniScada. It can be fully customized for end-user needs.





Entrance light

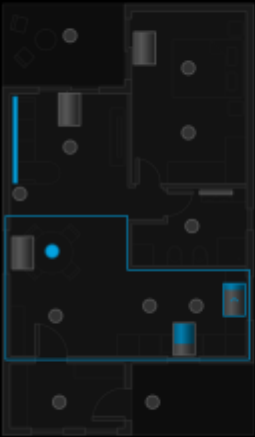
Kitchen light

Table light

Kitchen blinds 1

Kitchen blinds 2

Table blinds



Entrance light

Kitchen light

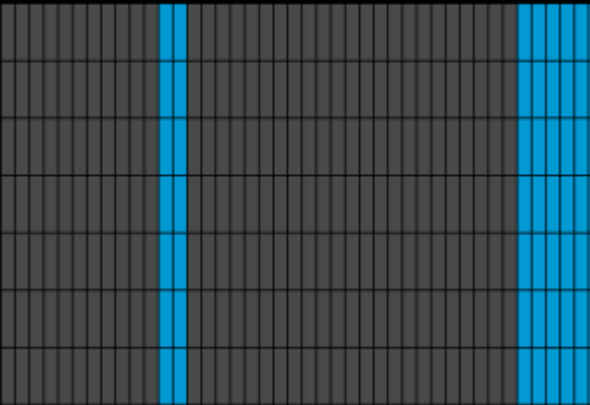
Table light

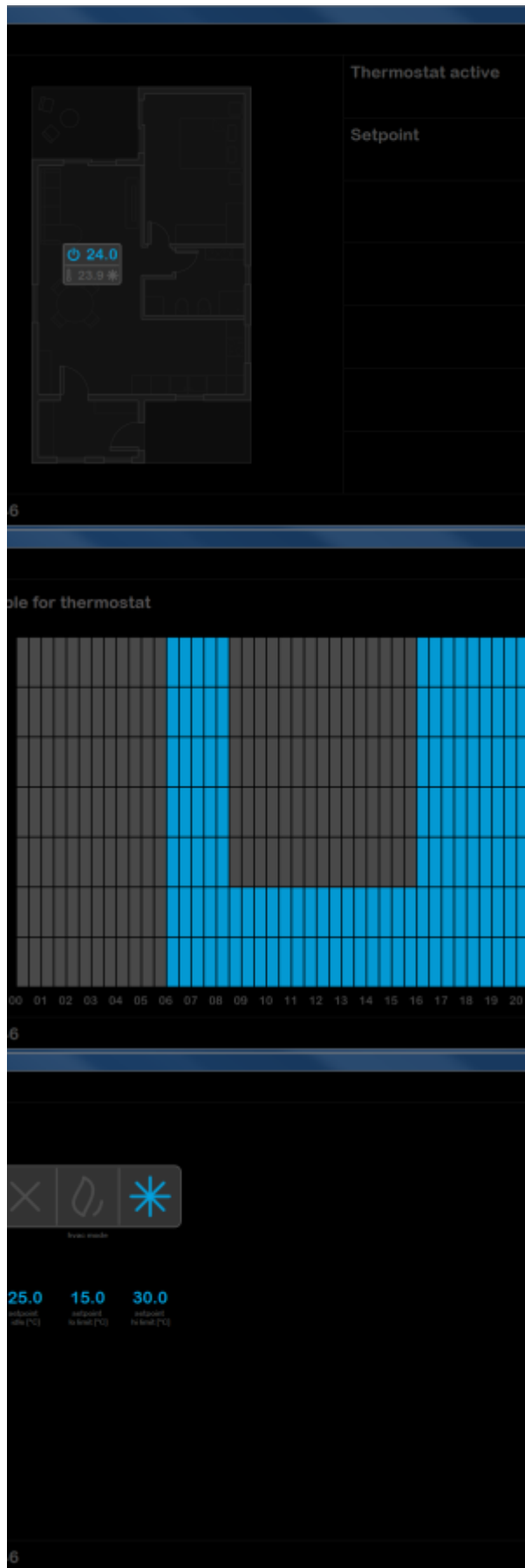
Kitchen blinds 1

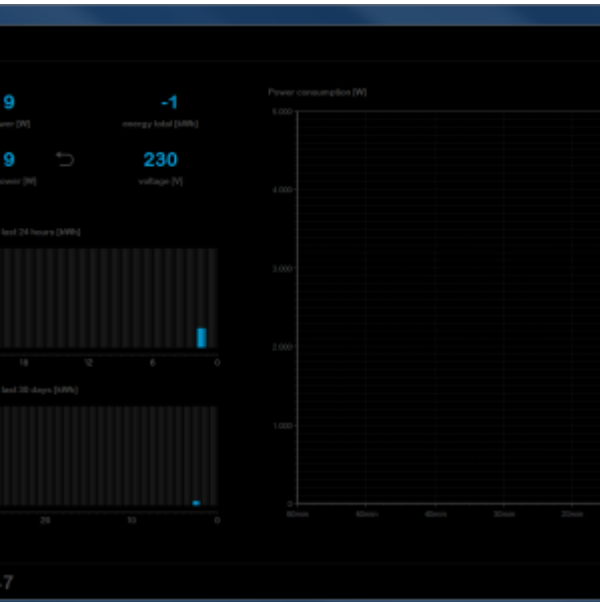
Kitchen blinds 2

Table blinds

able for front door light

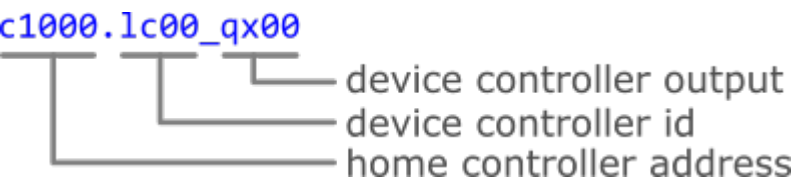






myHIQ demo app

CyBroMiniScada variables



home controller address	c+home controller address	find on silver sticker on top of HC-HIQ
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On/Off devices

All On/Off devices (lights, managed power sockets, exhaust fans, ...) are controlled by LC-10-IQ device controller. myHIQ application displays device status and allows to toggle device output.

Device controller variables

HIQ-DC	id	output	description
LC-10-IQ	lc00..lc04	qx00..qx09	r/w; 0=off, 1=on

Dimmers

Dimmable dvices (lights and some ceiling fans) are controlled by several device controllers, depending on controlled devices:

- LD-V4-IQ for LED stripes
- LD-P4-IQ for 230 V dimmable lights and ceiling fans
- LD-D8-IQ for DALI lights

myHIQ application displays the device's on / off status and output intensity, and allows to control

both.

Device controller variables

HIQ-DC	id	output	description
LD-V4-IQ LD-P4-IQ LD-D8-IQ	ld00..ld04	qx00..qx03	r/w; 0=off, 1=on
		qw00..qw03	r/w; 0..100 %

Blinds

Blinds are controlled by a BC-5-IQ device controller.myHIQ application displays and sets the blind position.

Device controller variables

HIQ-DC	id	output	description
BC-5-IQ	bc00..bc01	qxs00up..qxs04up	r/o; 0=off, 1=moving up
		qxs00dn..qxs04dn	r/o; 0=off, 1=moving down
		blinds_position_00..04	r/o; 0..100 %
		blinds_setpoint_00..04	r/w; 0..100 % , -1=stop

Scenes

Scenes are implemented directly in HIQ-HC. There is no need to use scene controller for using scenes from myHIQ application.

Home controller variables

HIQ-HC variable	id	description
scene_status[0]	index=0..31	r/o; 0=scene inactive, 1=scene active, 255=scene not defined
global_scene_request	/	w/o; 0..31=set scene 0..31, -1=idle
global_memory_request	/	w/o; 0..31=memorize scene 0..31, -1=idle

Thermostats

Temperature regulation is done using TH-1M-IQ, TH-1T-IQ or TH-2-IQ thermostat and FC-1-IQ for fan-coils or HC-IQ for radiators.

Device controller variables

HIQ-HC		description	
HC-IQ	hvac_mode	r/w; 0=off, 1=heating, 2=cooling	
HIQ-DC	id	output	description
TH-1M-HIQ TH-1T-IQ TH-2-IQ	th00..th04	setpoint	r/w; *0.1 °C (234=23.4 °C)
		temperature	r/o; *0.1 °C (234=23.4 °C)
		humidity	r/o; % RH
		active	r/w; 0=inactive (uses idle setpoint), 1=active (use setpoint)

FC-1-IQ	fc00..fc04	valve	r/o; 0=off, 1=on
		fan_speed	r/o; 0..3

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