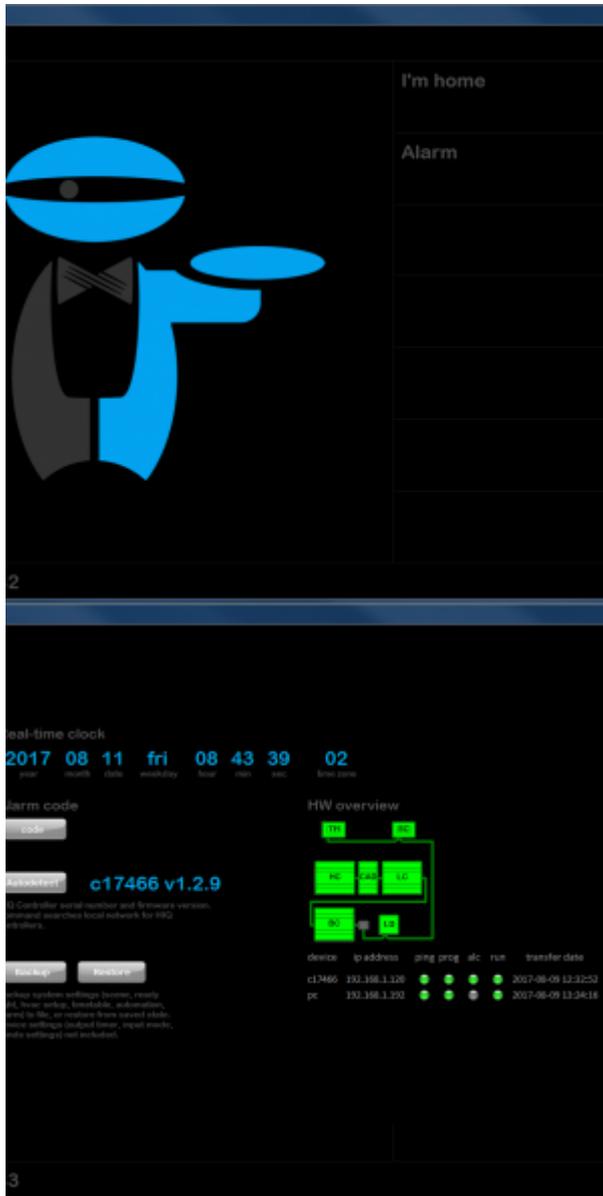
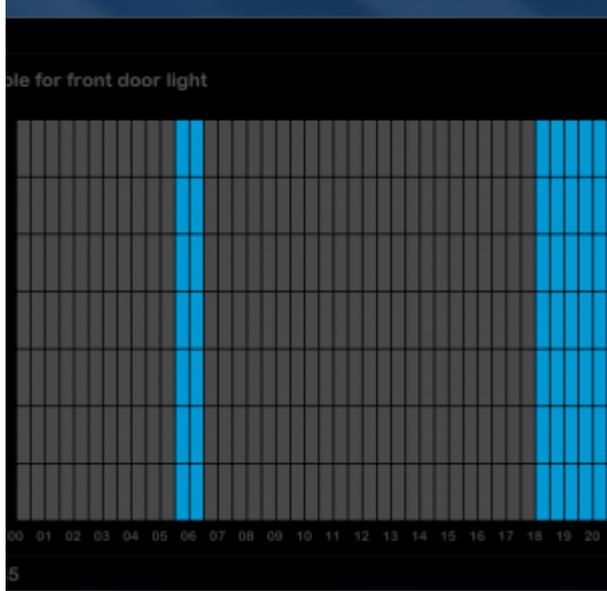
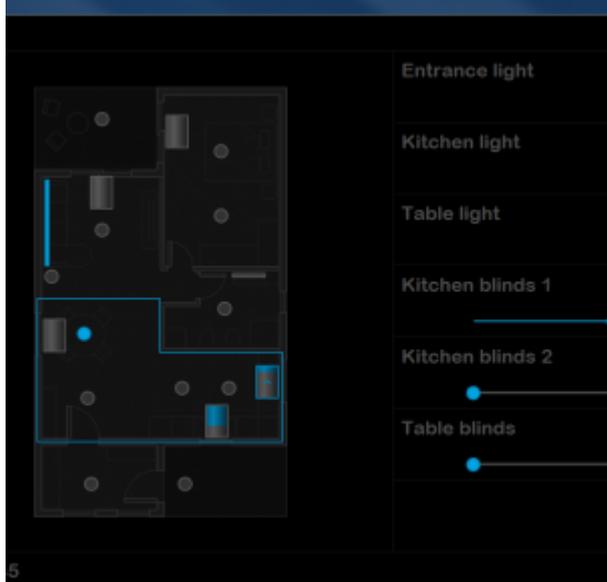


# myHIQ

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





The interface is divided into three main sections. The top section features a floor plan on the left with a temperature callout showing 24.0 and 23.9. To the right, there are labels for 'Thermostat active' and 'Setpoint'. The middle section is a schedule grid titled 'Schedule for thermostat' with a 24-hour timeline from 00 to 20. The bottom section contains a mode selector with three icons (off, on, auto) and three temperature values: 25.0, 15.0, and 30.0.

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[myHIQ demo app](#)

## CyBroMiniScada variables

`c1000.lc00_qx00`



<b>home controller address</b>	<code>c+home controller address</code>	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
<b>LC-10-IQ</b>	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
<b>LD-V4-IQ</b>	ld00..ld04	qx00..qx03	r/w, 0=off, 1=on
<b>LD-P4-IQ</b>		qw00..qw03	r/w; 0..100 %
<b>LD-D8-IQ</b>			

## 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
<b>BC-5-IQ</b>	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	
<b>HC-IQ</b>	hvac_mode	r/w; 0=off, 1=heating, 2=cooling	
HIQ-DC	id	output	description
<b>TH-1M-IQ</b> <b>TH-1T-IQ</b> <b>TH-2-IQ</b>	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)
<b>FC-1-IQ</b>	fc00..fc04	valve	r/o; 0=off, 1=on
		fan_speed	r/o; 0..3

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