

Wireless Dimmable Controller

HLC610-Z



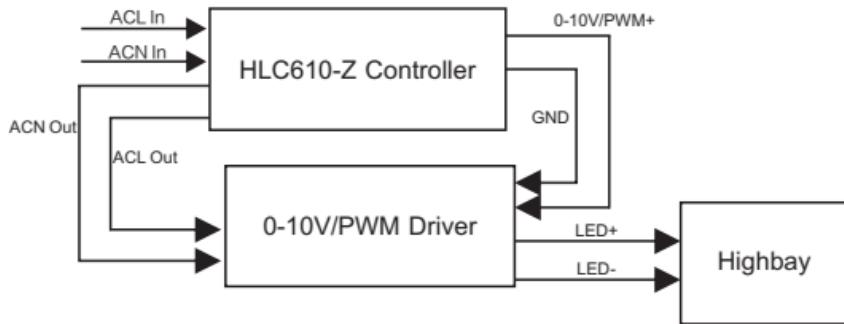
HLC610-Z is a kind of ZigBee 0-10V controllers that works with 0-10V LED dimmable driver.

1 Environment and Electrical parameters

Parameters	HLC610-Z
Ac In	100-277Vac
Ac Out	100-277Vac to constant current power supply
Dim Out	0-10V
RJ12	Motion Sensor & Daylight sensor module
Max Current of 0-10V	20mA
Max Current of Relay	10A
Wireless Frequency	2.4GHz
Operation Temperature	-20°C to 70°C

2 Wiring Diagram

Below is HLC610-Z system connection diagram, where the motion sensor is optional:



3 Installation

- 3.1. Install App into smart phone or tablet device .
- 3.2. iOS: search and install “iLightsIn” from App Store or scan the iOS QR code.
- 3.3. Android: search and install “iLightsIn” from Google Play or scan the android QR code.



iOS



Android

4 iLightsIn App User Guide

4.1. WiFi settings

Power on the gateway. Please select the WLAN iLightsInxxxxx on mobile settings menu. The xxxxxx is the mac address at the back of gateway. Connect the WiFi AP, and open iLightsIn App (Picture1).

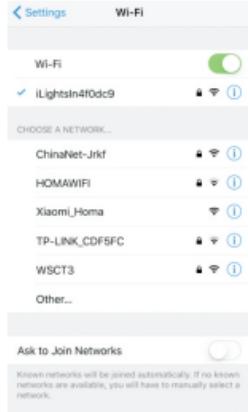
4.2. Enter application

Help menu will pop up first time you open the App. When finishing reading the instruction, you are directed to the Settings menu. User can start to add device or connect the gateway to a router from Settings.

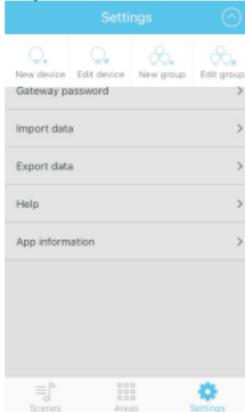
4.3. Device

Add device: Settings - New device (Picture2) - scan QR code (Picture 3).

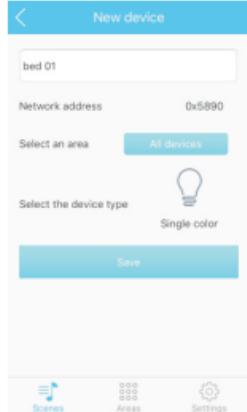
P.S.: Each device has one unique QR code.



Picture1



Picture2



Picture3

4.4. Area

Users can create different areas and put relevant devices in. Click one area, enter the sub menu and all different devices are listed there.

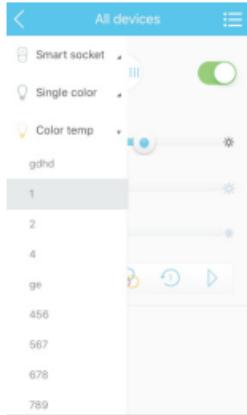
User can control each device in this area (Picture4).

- Move the slider to change color or brightness.

- Click   to enter Timer or Delay menu. Under this menu, user can set timers or delays and different status while timeout (Picture5).

4.5. Binding settings

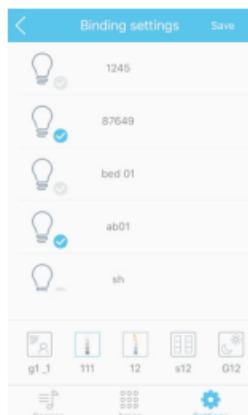
User can bind touch switches or remote controls to lights in this menu (Picture6).



Picture4



Picture5



Picture6

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

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