

Shenzen Homa

Universal Zigbee Interface

12-24v Monochrome/CCT/RGB/RGBW



Add almost any 12-24v light to your Zigbee home automation system



Introduction

The HLC502-ZLL from Shenzhen Homa is a universal 12-24v Zigbee-PWM 4 channel interface. It is compatible with Zigbee home automation systems such as Philips HUE, IKEA Trådfri, Osram Lightify and others.

It is easily configured as either monochrome, CCT tunable, RGB or RGBW operation.

It offers the user the possibility of interfacing almost any 12-24v LED light to the system, such as high power garden lights, floor and plinth lights, high power strip lights etc.

Key Features

Operating voltage 12v—24v DC

Operating Range: 20m line of sight (will be reduced by walls, obstructions etc)

Maximum Output Current: 6A

Operating Temperature: 0°C-30°C

Storage Temperature: -10°C-50°C

Compatible with Zigbee 3.0 and ZLL

Configuring / Unconfiguring

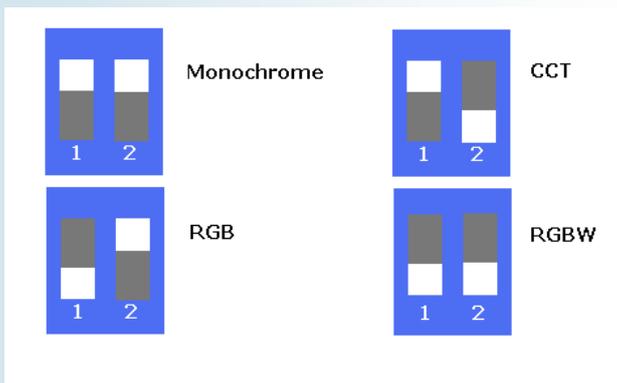
In your app, select 'add new light' and then 'search'. Power up the interface within three seconds and it will be found as long as it is in range.

To unconfigure the light, delete it from within the app.

If the app is re-installed or loses control the interface can be reset to its unconfigured state by switching off and on again five times. The connected lights will pulse when unconfigured.

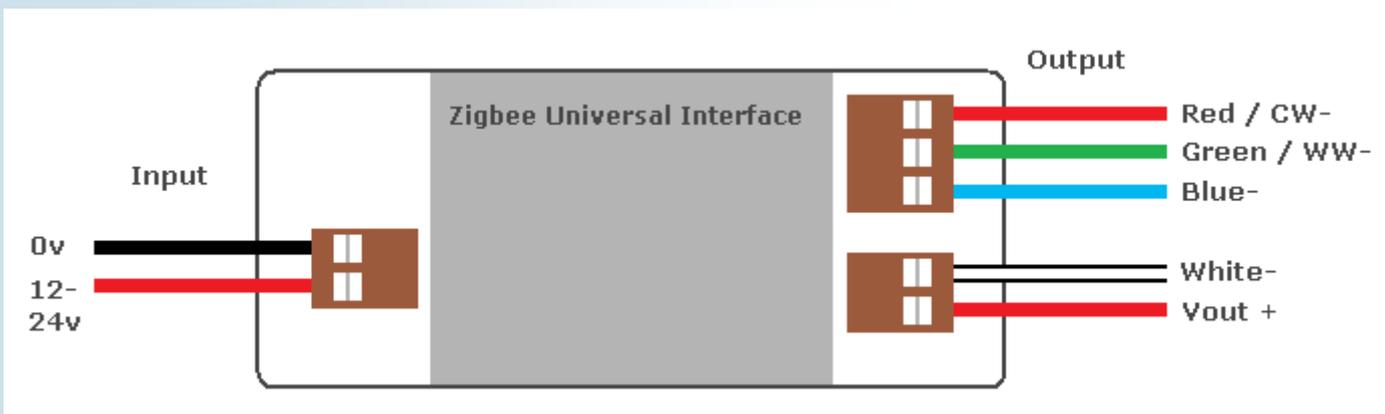
Selecting The Operating Mode

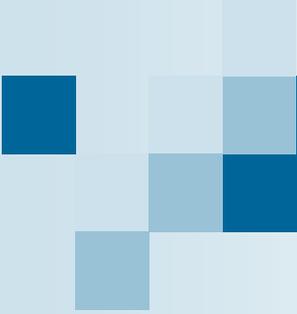
The HLC502-ZLL can be configured as four modes by setting the DIP switches as follows:



Connecting Up

The HLC502-ZLL requires a 12-24v DC supply. The DC input is routed directly to the output, so the voltage needs to match the voltage of the lamp.





Custom Products

We can design custom variants of this product to suit your requirements. We have engineers and manufacturing capability in the UK as well as Hong Kong. Please contact sales@ledlightingproducts.co.uk with your requirements.

Warranty

LED Lighting Products Ltd warrants that the product it manufactures and sells will be free from defects in materials and workmanship for a period of 1 year from the date of despatch. If the device proves defective within the respective period, LED Lighting will repair or replace the defective hardware at its sole discretion. If the failure is due to an operator error, the user accepts to pay for any charge relating to the diagnosis of the hardware, faulty parts or shipping from our factory.

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