



# What is Zigbee

- ◆ ZigBee is one of the best smart control systems on the markets, very convenient and free. Working with a gateway and Zigbee system, more than 2000 lamps can be controlled seperately or synchronously, and each ZigBee lamp can transfer the signals to other lamps.
- ◆ Zigbee system works with IOS, Android, Windows, motion sensor, touch panel, RF remote, etc. Each ZigBee LED lamps can transfer the signals to other lamps, so the control distance is unlimited. With a Zigbee smart system, we can control lamp's brightness, color, time on/off and many other settings as what we want. This way our life turns out much easier and smarter.

# Why ZigBee Smart System?

- For normal LED light, they could not dimming, could not change the color or set time on/off, for the TRIAC dimmable lamps, there is 2 big problem, the first one is flicker when dimming under 30% brightness, the second, TRIAC could not change the lamps separately, the lamps could increase or decrease the brightness at the same time,.
- For the 0/1-10V lamps, there are also 2 problems, the first one, you should spent more time to connect the signal wire to each lamps, this will cost a lot of time and cost, second, the same as TRIAC, could not change the color separately,
- For DALI, yes, you can control the lamps independently, there is also 2 big problem, the first, the controller and master is very very expensive, secondly, the signal wire should take a lot of time and money,
- For DMX, there is only 512 ID, so you can control them separately, but also 2 problem, the first one, control system too complicate, must need lisscen workers to operate, second, you should take a lot of time to connect the signal wires, too much time and money
- For ZigBee system, it is cheaper, easier and smart systems, you can control the lamps via mobile APP, IPAD, PC, RF remote and remote control panel board, on/off, change color and brightness together or separately, you can set the time on/off automatically, you can ask the APP remember the setting, you can control the lamps Evan you are in abroad if you have internet, everyone can use them, no need to connect signals wire, save time, save money, one gateway can control thousand of lamps separately or together,

So ZigBee smart LED light, An easier, smart and cheaper solution for commercial lighting

## What kind of LED light can work with ZigBee system?

### ◆ Single color LED lights

LED downlight, LED panel light, LED track light, LED bulb etc

### ◆ CCT Adjustable LED lights

CCT adjustable LED downlight, LED panel light, LED track light, LED bulb etc

### ◆ RGB 3-color LED lights

RGB LED downlight, LED panel light, LED bulb etc

### ◆ RGBW 4-color LED lights

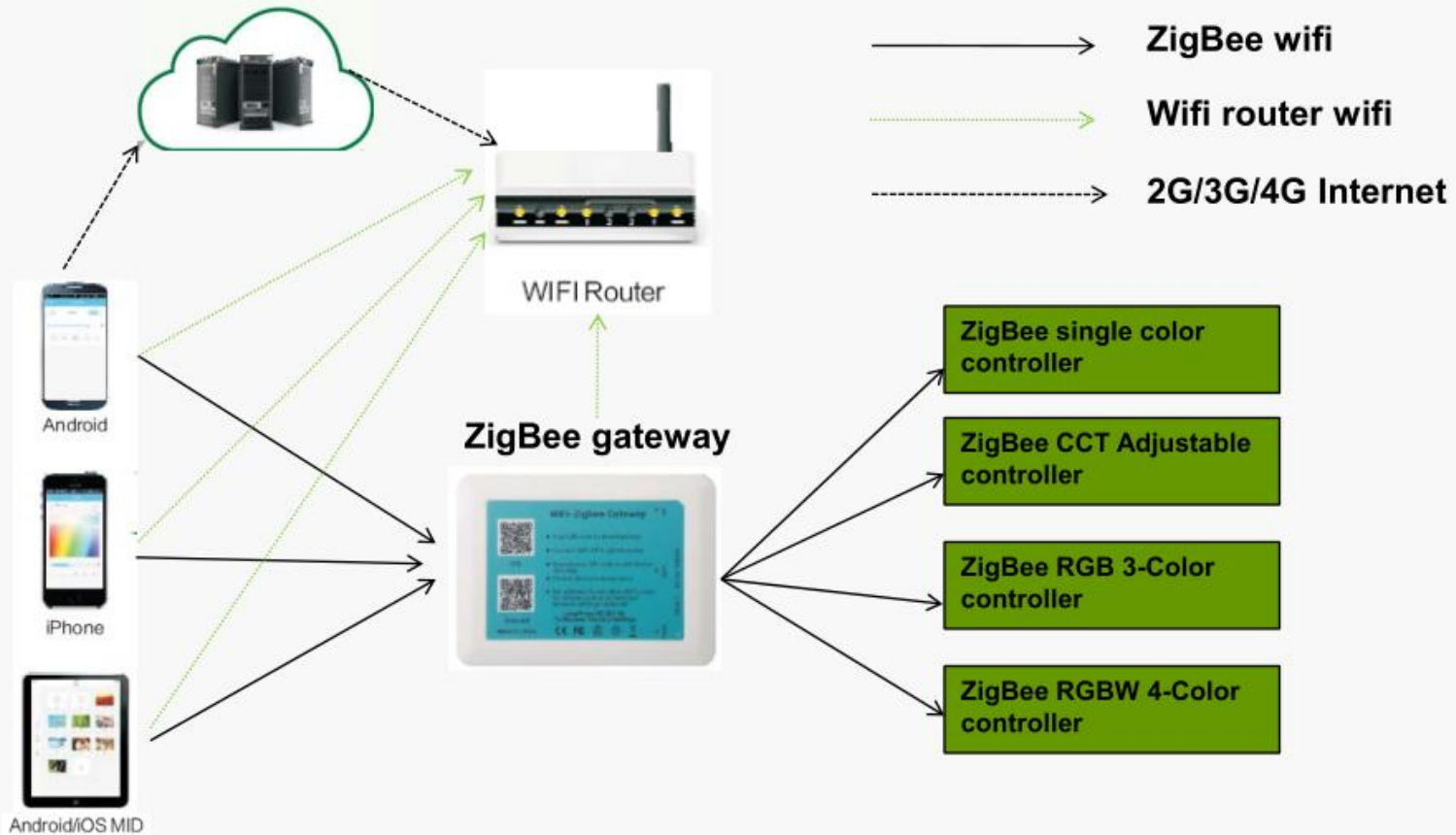
RGBW LED downlight, LED panel light, LED bulb etc

# How ZigBee system working?

1. Mobile or IPAD connect to ZigBee gateway, Mobile/IPADAPP send signals to ZigBee gateway, ZigBee gateway send signals to ZigBee controllers (work with 1pc mobile or IPAD only at the same time)
2. Mobile or IPAD connect to Wifi Router, ZigBee gateway connect to WIFI router too, Mobile/IPADAPP send signals to ZigBee gateway, ZigBee gateway send signals to ZigBee controllers (mobile or IPAD work at the same time , unlimited quantity)
3. Connect internet to Wifi Router, Mobile/IPAD send the signals by 2G/3G/4G/WIFI to ZigBee gateway, , ZigBee gateway send signals to ZigBee controllers (mobile or IPAD work at the same time , unlimited quantity, no matter where you are, you can control the lamps at any time)

# ZigBee LED light

Smart control, Smart life



# How ZigBee App work?

APP to control single color lamp

The screenshot shows the app interface for a single color lamp. At the top, there is a blue header with a back arrow and the text "Hong Kong lighting fair". Below this, a lightbulb icon is followed by the word "Downlight" and a toggle switch labeled "ON". A horizontal slider below the toggle is used for brightness adjustment. At the bottom, there is a row of five icons: a clock, a sand timer, a play button, a stop button, and a right-pointing triangle. Callout boxes point to these elements:

- On/off
- Brightness 0-100%
- Play or pause
- Set time on/off/brightness
- Delay, after xx seconds, the lamp on/off/brightness
- Modes: fade, jumpy, candle lighting effects
- Set the speed of the jumpy, fade and candle lighting effect

APP to CCT Adjustable lamp

The screenshot shows the app interface for a CCT adjustable lamp. At the top, there is a blue header with a back arrow and the text "Hong Kong lighting fair". Below this, a lightbulb icon is followed by the text "CCT LED Downlight" and a toggle switch labeled "ON". Below the toggle are three horizontal sliders for brightness and color temperature adjustment. At the bottom, there is a row of five icons: a clock, a sand timer, a play button, a stop button, and a right-pointing triangle. Callout boxes point to these elements:

- On/off
- Brightness 0-100%
- Set the color and brightness together
- Change the color from WW to CW
- Play or pause
- Set time on/off/brightness
- Delay, after xx seconds, the lamp on/off/brightness
- Modes: fade, jumpy, candle lighting effects
- Set the speed of the jumpy, fade and candle lighting effect



# ZigBee System Feature

The System can manage different kinds of devices by mobile or computer with the following features :

- ◆ Schedule settings for each device
- ◆ Dimmable brightness for light
- ◆ Delay setting for each device
- ◆ Fader, alarm, smooth, jump, candle effects(RGB light)
- ◆ Scene control with one key
- ◆ Area definition
- ◆ QR code scan to add device
- ◆ Support group setting, all devices can reach same effect in same time
- ◆ Database synchronization between 2 clients
- ◆ Remote control
- ◆ RGB or color temperature storage ability
- ◆ Frequency hopping technology for strong anti-jamming ability
- ◆ Mesh network
- ◆ Router feature of Gateway
- ◆ All kinds of devices in one application
- ◆ iOS, Android, Windows application support



# Zigbee Track Light From XINGHUO

## ZigBee Smart LED Track Light

ZigBee LED track light  
single color 10-40W

Brightness 0-100%  
dimmable and flicker free

ZigBee LED track light  
CCT adjustable 10-40W

## What types of the track lights can work with ZigBee system?



C series track light



F1 series tracklight



M series tracklight



G series track light



H series track light



K series track light



L series track light



N series track light

# Zigbee Downlight From XINGHUO

## CCT Adjustable LED Downlight

With 2.4G RF or Zigbee system, we can change downlight's color temperature from 2700K to 6500K and brightness from 0 to 100% by remote, panel or sensor.

## 2.4G RF Series

2.4G wireless remote control by 2.4G RF remote, 86 control panel or sensor.

## ZigBee Series

Zigbee system should work with gateway and ZigBee driver via APP, remote or sensor.

ZigBee LED downlight  
single color 10-40W

Brightness 0-100%  
dimmable and flicker free

ZigBee LED downlight  
CCT adjustable 10-40W

## What types of downlights can work with 2.4G RF or ZigBee system?

X5 series downlight



X3 series downlight



X4 series downlight



# Zigbee Accessories

single color  
4-channel  
touch dimmer



CCT adjustable  
touch dimmer



Single color  
6-channel  
remote



6 scenes  
touch panel





Thank you !



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