XINGHUO LED TECH LIMITED

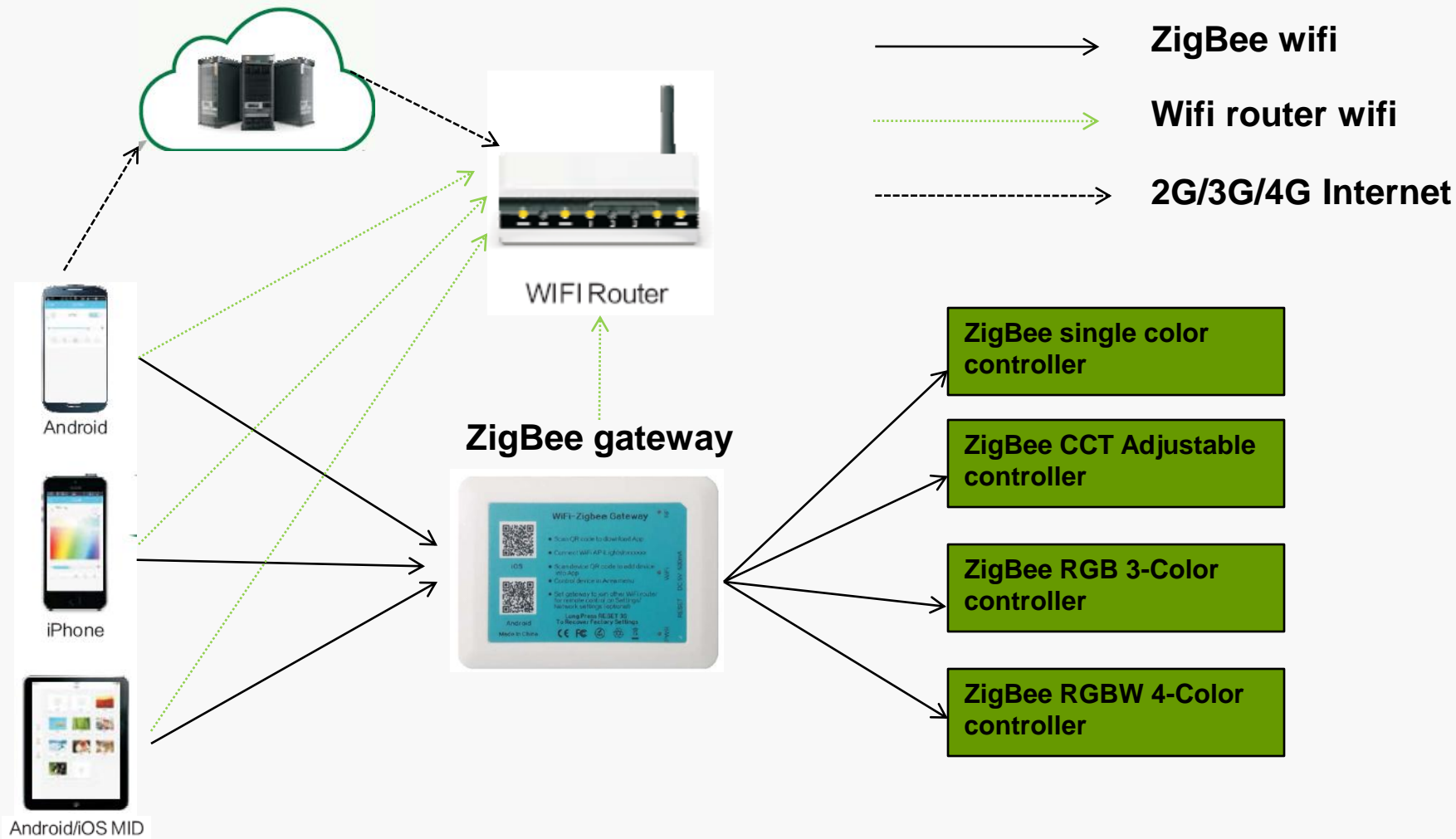## ZigBee Smart LED Light

XINGHUO LED TECH LIMITED

Your best LED lighting partner in China

ZigBee LED light

Smart control, Smart life

→ **ZigBee wifi**

⋯→ **Wifi router wifi**

----→ **2G/3G/4G Internet**

WIFI Router

ZigBee gateway

Android

iPhone

Android/iOS MID

| ZigBee single color controller |
| ZigBee CCT Adjustable controller |
| ZigBee RGB 3-Color controller |
| ZigBee RGBW 4-Color controller |

ZigBee LED light

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 shold 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

ZigBee LED light

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 adjustalbe 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/IPAD APP 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 Rounter, ZigBee gateway connect to WIFI rounter too, Mobile/IPAD APP 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 Rounter, 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)
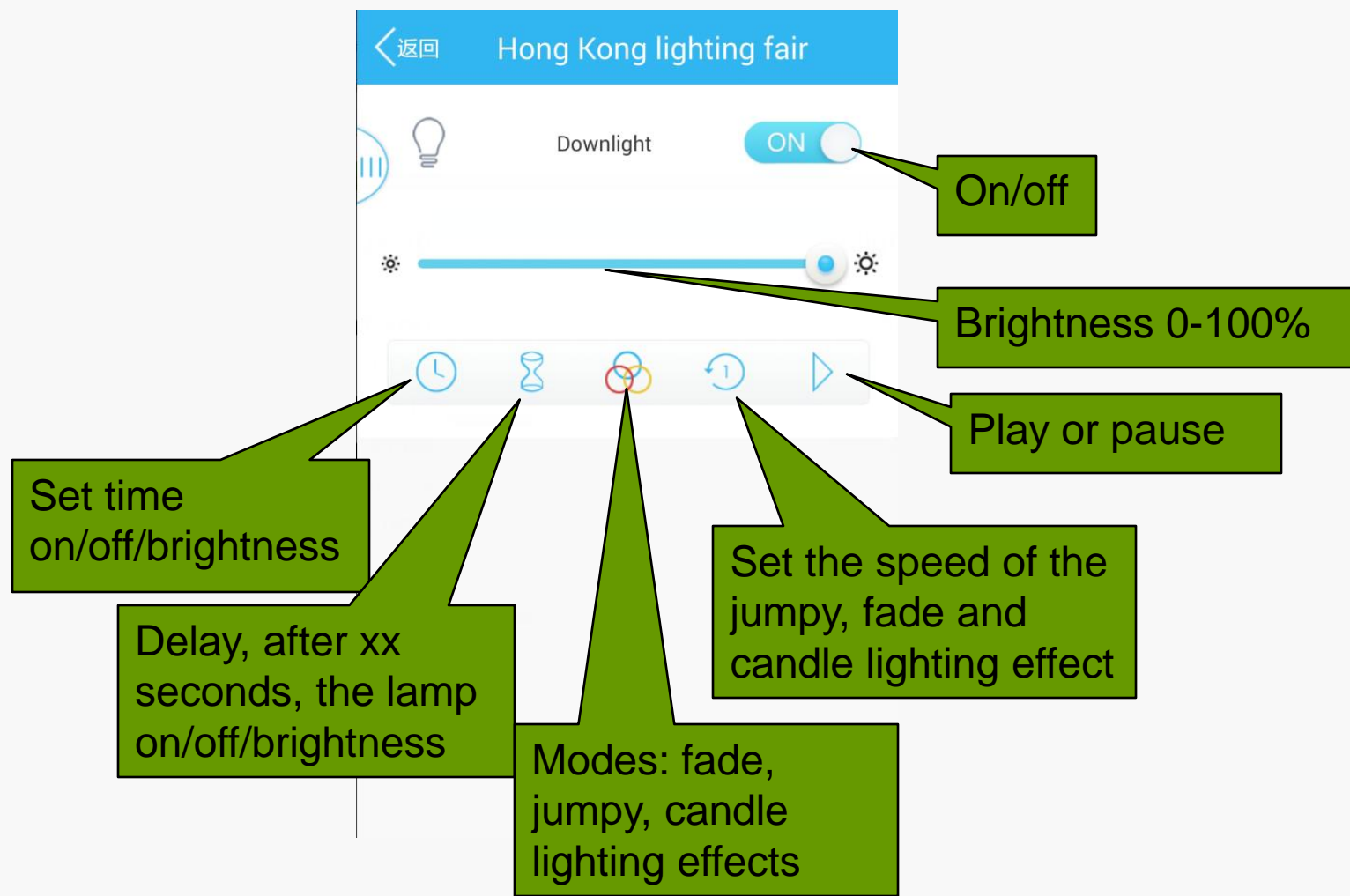
ZigBee LED light
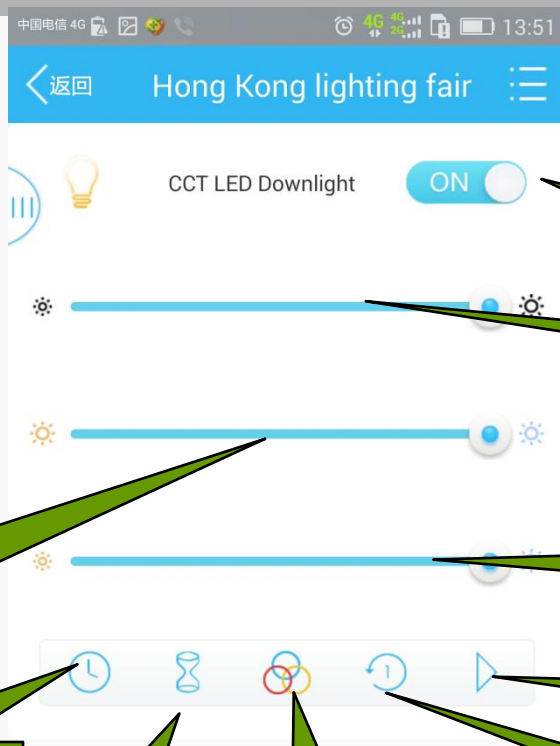
ZigBee controlled LED lights?

ZigBee LED light

- **APP to control single color lamp**

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Downlight　ON

On/off

Brightness 0-100%

Play or pause

Set time on/off/brightness

Set the speed of the jumpy, fade and candle lighting effect

Delay, after xx seconds, the lamp on/off/brightness

Modes: fade, jumpy, candle lighting effects

ZigBee LED light

- **APP to CCT**
- **Adjustable lamp**

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CCT LED Downlight   ON ⬤

On/off

Brightness 0-100%

Change the color from WW to CW

Set the color and brightness togehter

Set time on/off/brightness

Play or pause

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 LED light

ZigBee System Feauture:

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 LED light

- **Single Color series: LED downlight, track light, panel light**

- **LED light source**
- **COB series:** CREE, CITIZEN, Sharp, Bridglux COB LEDs,
- **SMD series:** SMD3030, 5630,2835 LEDs
- **Lumen**: 100-140lm/W CRI80/90/97
- Color: WW/NW/CW, 2700-6000K for SMD, 2700-5000K for COB
- **Housing Material:** 6063 Aluminum Alloy/ Die cast Aluminum/1070 cold forging Alumjinum heat sink
- **Power Option: downlight:** 10-50W**, track light,** 10-40W**, panel light** 10-70W
- **Driver:** ZigBee dimmable driver, CE/ROHS approved
- **Remote control: Mobile/IPAD, ZigBee Remote**
- **Warranty:** 3 years warranty, any quality problem, we will send driver or lamp or accessories for replacement first, we pay the shipping cost too

ZigBee LED light

- **CCT adjustable series: LED downlight, track light, panel light**

- **LED light source:**
- **COB series:** Sharp, Samsung, Epistar COB LEDs,
- **SMD series:** SMD3030, 5630,2835 LEDs
- **Lumen**: 100-140lm/W CRI80/90/97
- Color: WW/NW/CW, 2700-6000K
- **Housing Material:** 6063 Aluminum Alloy/ Die cast Aluminum/1070 cold forging Alumjinum heat sink
- **Power Option: downlight:** 10-50W**, track light,** 10-40W**, panel light** 10-70W
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- **Remote control: Mobile/IPAD, ZigBee Remote**
- **Warranty:** 3 years warranty, any quality problem, we will send driver or lamp or accessories for replacement first, we pay the shipping cost too

The End

Thanks, for more details, please contact with our sales or technology department

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