

Products specification

Product Name: KD-MINI-WIFI01 with 24keys Remote



Product Description:

This mini IR 24-key WIFI controller is a new way to use your Smart lighting system. As a member of the series, it is manipulated by connect to wireless router. This is designed to make using your smart lighting system much easier and more convenient. No matter where you are, when it is, you can always control them. Functions like 16 million colors, 20 dynamic modes, music, and picture color recognize.

Technical Parameters:

























- Working temperature: -20-60°C
- Input voltage: DC5-28V
- Output: 3/4 circuit
- Connection mode: Common anode
- controller size: 53mm*24mm*11mm
- remote size: L85×W52×H7mm
- Net weight: 45g
- Gross weight: 50g
- Static power consumption: <0.5W
- Output current: <4A(each circuit)
- Output power: 5V:<60W, 12V:<144W, 24V:<288W (3 circuit)

Direction for use:

- Connect the load wire at first, following by the power wire; **Please ensure short circuit can not occur**

between connecting wire before you turn on the power;

- The key functions are as below:

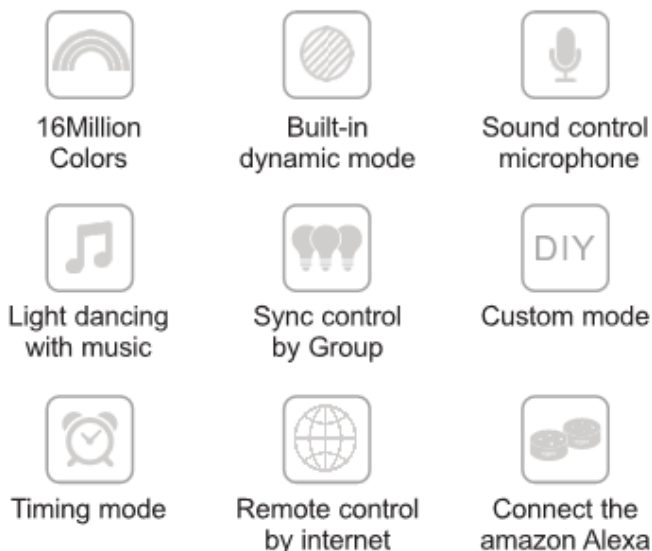
Symbol	Key note	Symbol	Key note	Symbol	Key note	Symbol	Key note
	Brightness +		Brightness-		OFF		ON
	Static red		Static green		Static blue		Static white
	Static orange		Static pea green		Static dark blue		Strobe flash
	Static dark yellow		Static cyan		Static brown		7 color jump change
	Static yellow		Static light blue		Static pink		7 color fade change
	Static straw yellow		Static sky blue		Static purple		3 color jump

Steps for reorder the sequencing:

1. If you want to change the output channel, the steps are as follows: repower the controller on; when the press the key G for 2 to 3s, the light flashes, long flickering white light means you've successfully change the output channel to GRB; Similarly, long press key B change the channel to BGR, will sequence; long press key R to RGB sequence.
2. In the RGBW version, press W key for RGB and white light; long press W key for 2 seconds will switch to W channel.

Product Features:

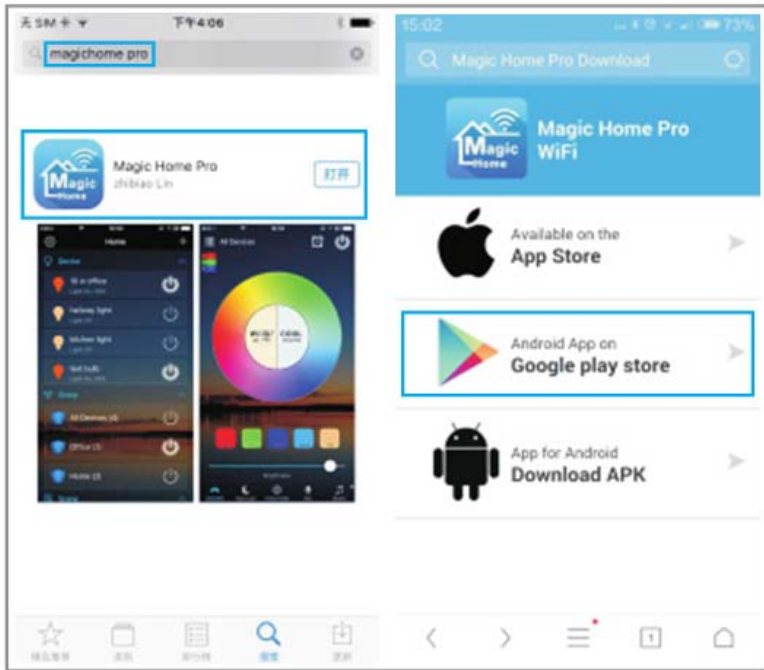
1. Support for 16 million kinds of color and Brightness adjustment control
2. Channel: RGB, 'RGBW,
3. Support for color and dynamic mode Customization and preservation
4. Group synchronization control function
5. The switch time, static, and dynamic display of the light can be set
6. Lights and music sync functions
7. A variety of built-in dynamic model, and the custom dynamic model
8. Remote control function
9. The microphone sound control function
10. The camera takes the background color and the setting of the scene



Mobile APP installation instructions:

1. Product software APP name: Magic Home Pro
 - a. Apple users can search "Magic Home Pro" in "APP Store"; Android users can search "Magic Home Pro"

in "Google Play Store" or from browsers. The APP is free to download and use.



b. Scan the QR code below to download and install the APP for free.(Please click" open the web link from the browser "when you use Wechat to scan the QR for the Wechat itself has no browser function.)



Scan the QR code to download the APP

Usage description:

- 1.Please use this product in a dry environment
- 2.Please use the voltage for dc current of dc5-28v,and not to use 220V alternating current.
- 3.The product is a common anode connection.After installed the WIFI controller,open mobile WIFI network signal, find "LED net*****"signal and connect, open the Magic Home Pro APP ,there are three kinds of connection mode to connect the controller.

The first: choose to connect directly to the controller ;enter the APP control interface.

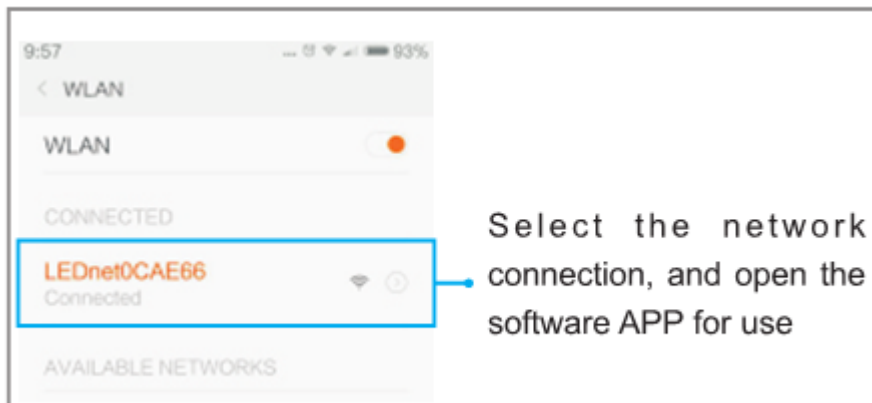
The second: choose to connect to the router, write the router password , mobile phone choose the to connect the router network signal, open the Magic Home Pro APP, enter the software APP control interface

The third: choose to connect the router and keep the router in a network connection, remote control can be performed

The Android Operating Interface Instructions:

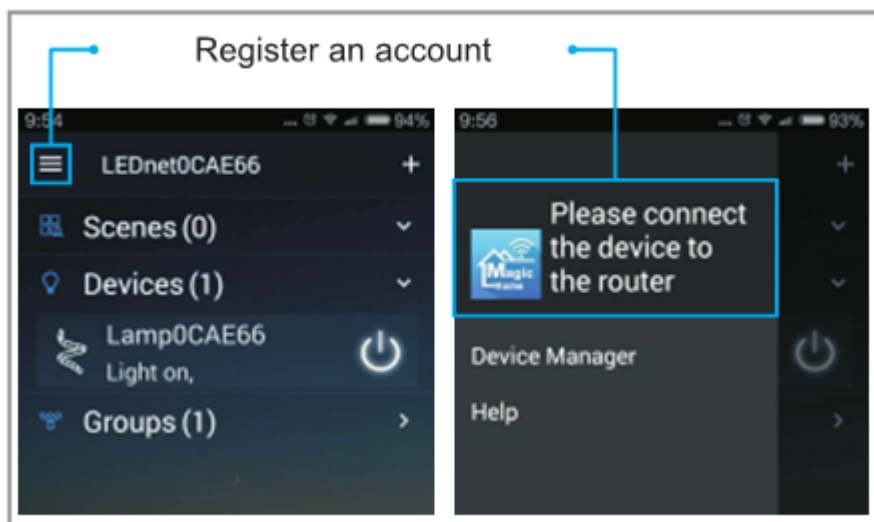
In the use of the APP, please make sure that the controller circuit and power supply is normal connection.

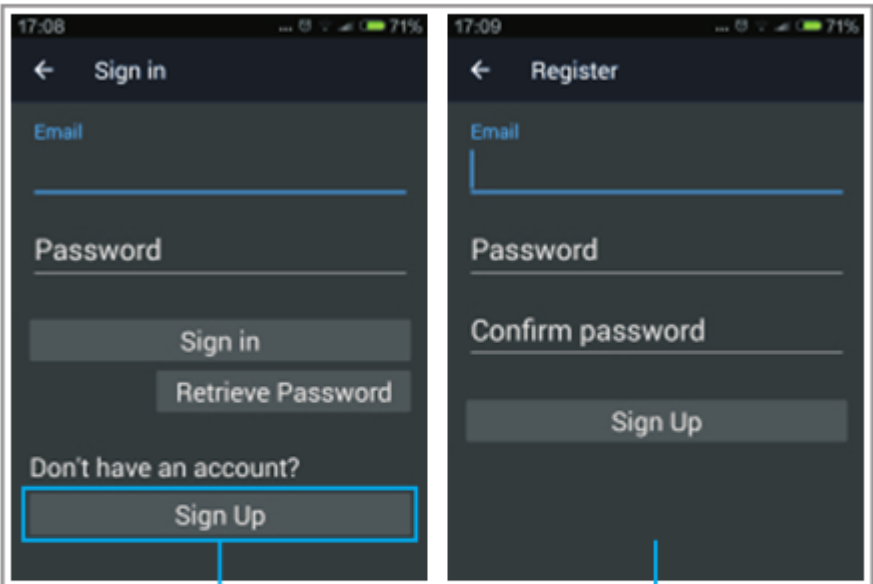
1. Single connection: do not need to register account, open cell phone WIFI network, find “LED net**” signal and connect.



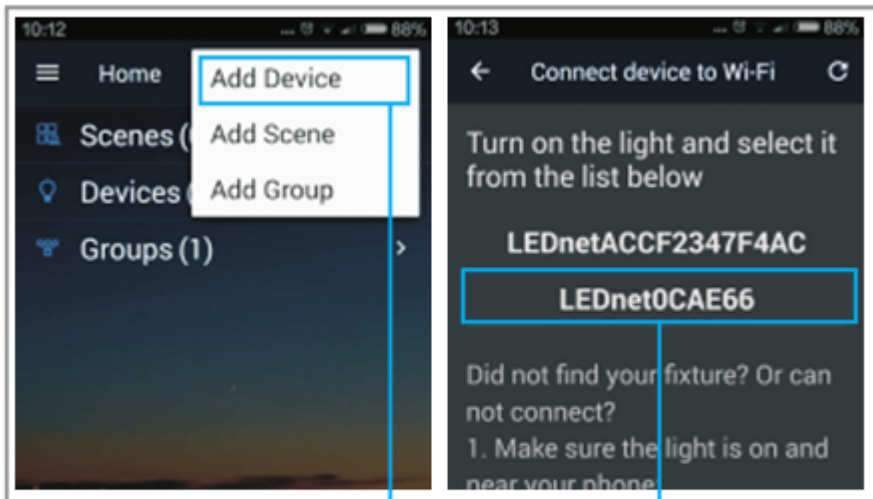
2. Add the controller's signal to the router for connection control.

When registering the account ,please connect the controller's WIFI signal to the router (make sure the network is accessible)

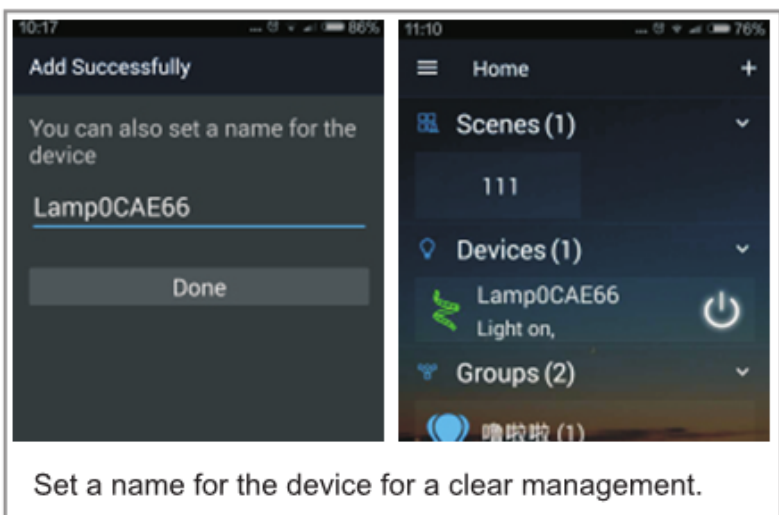
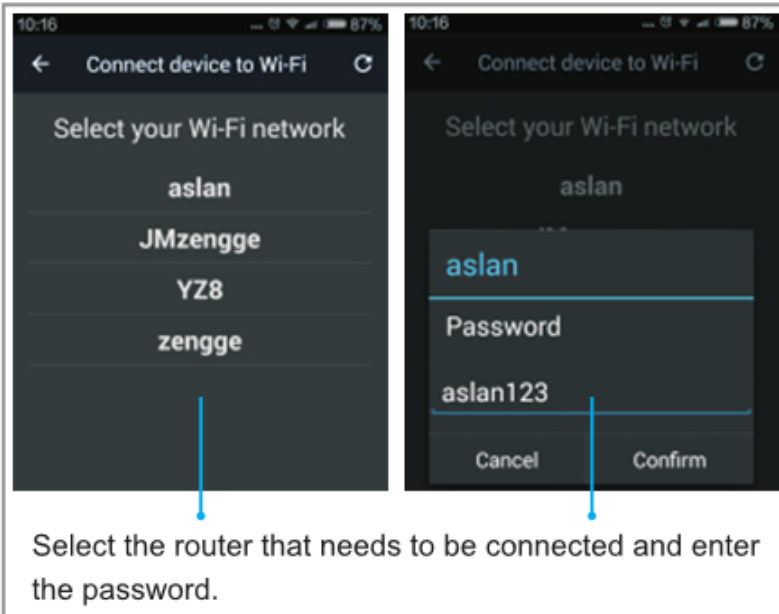




If you have a account and password, you can choose to login directly, if not, you can choose to register your new account.

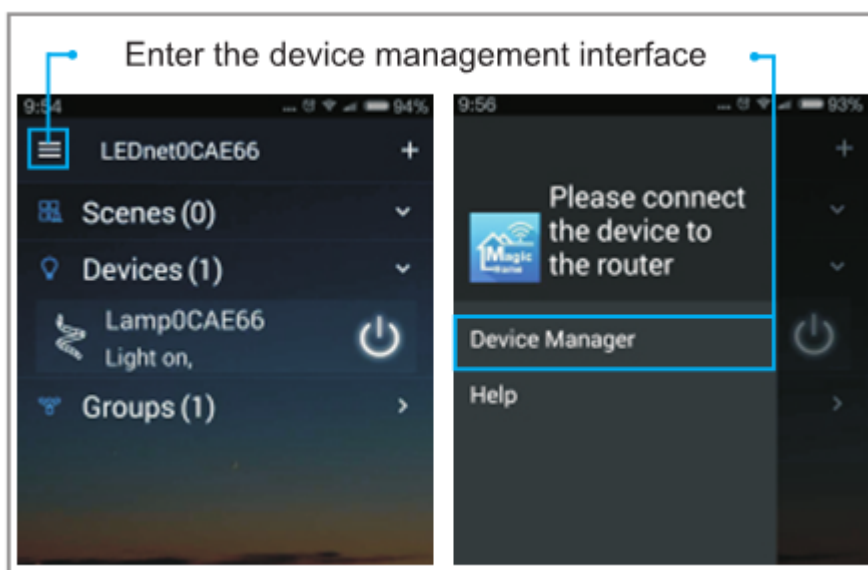


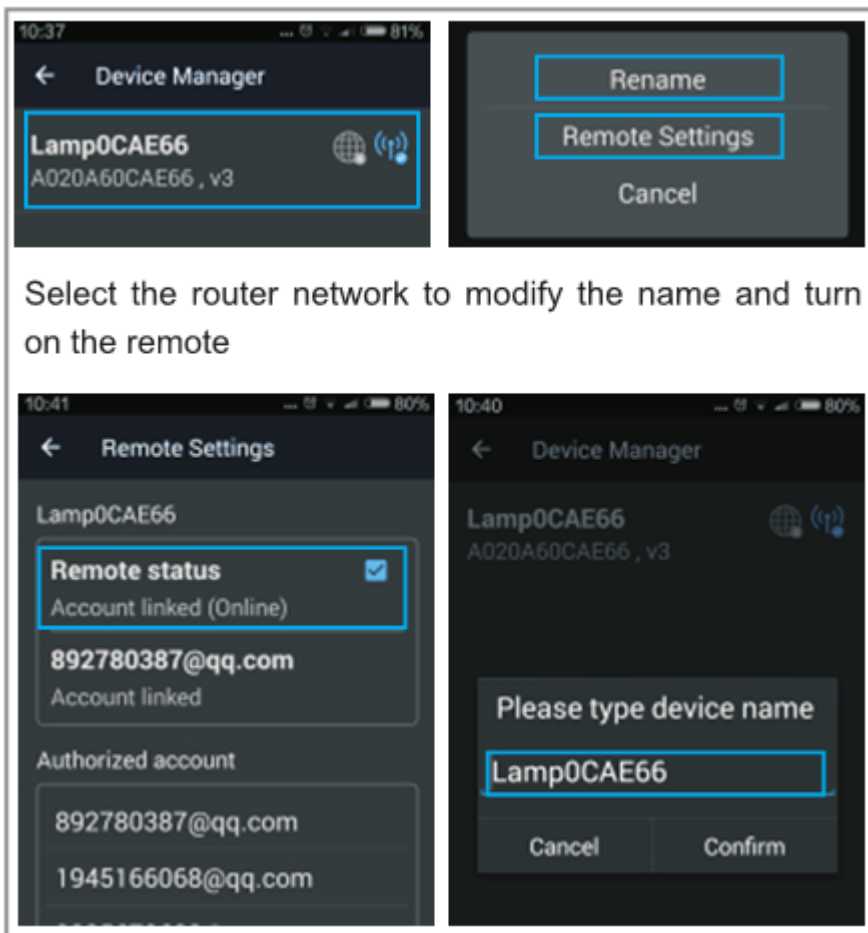
Select the WIFI controller that you need to add to the router.



3. Remote connection settings

When making remote Settings, make sure the account is logged in properly

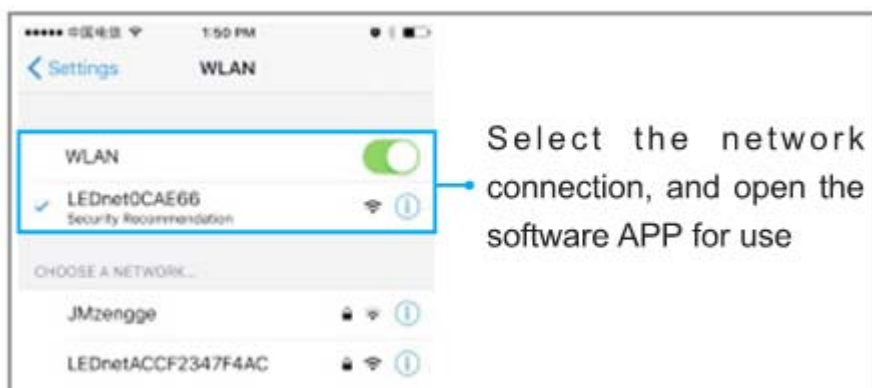




Select the router network to modify the name and turn on the remote

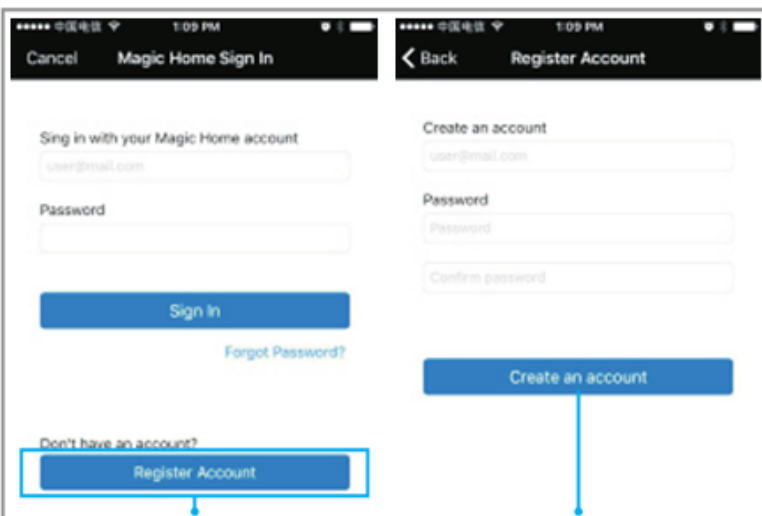
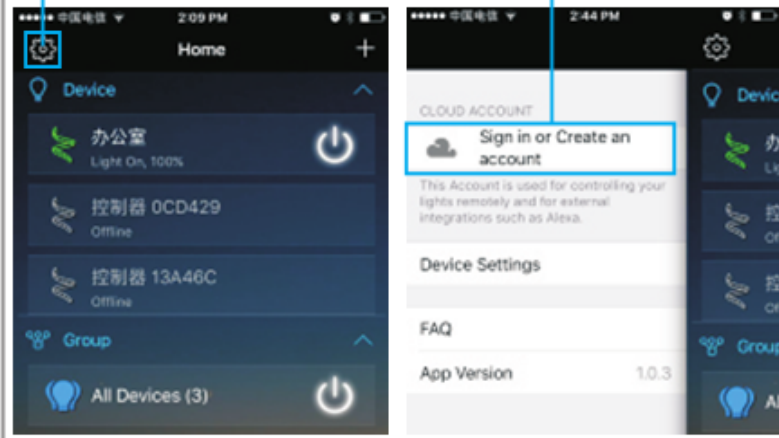
The apple operating interface instructions: In the use of the APP, please make sure that the controller circuit and power supply is normal connection

1. Single connection: do not need to register account, open cell phone WIFI network, find “LED net...” signal and connect.



2. Add the controller’s signal to the router for connection control. When registering the account, please connect the controller’s WIFI signal to the router (make sure the network is accessible)

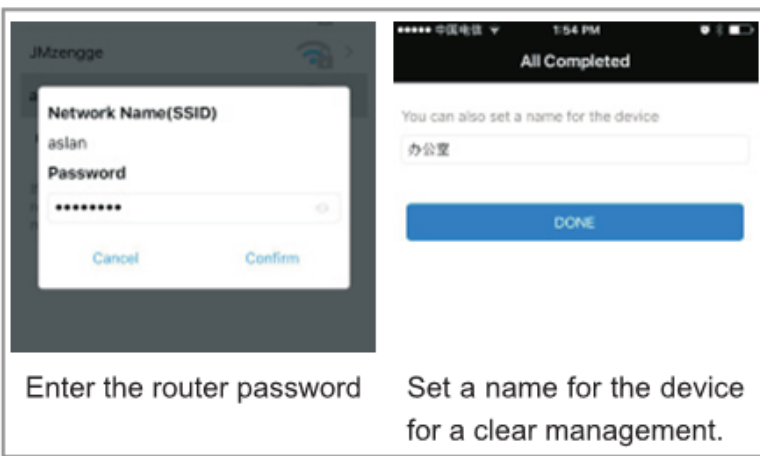
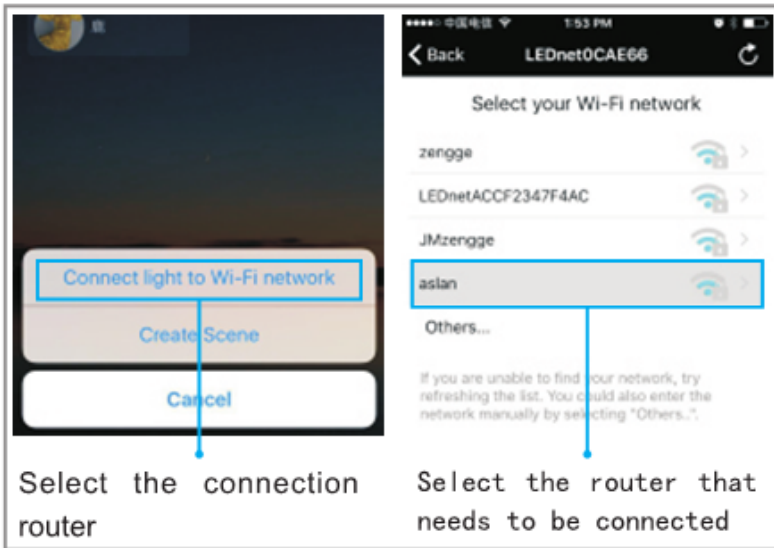
Register an account



If you have a product account and password, you can choose to login directly, if not, you can choose to register your new account.



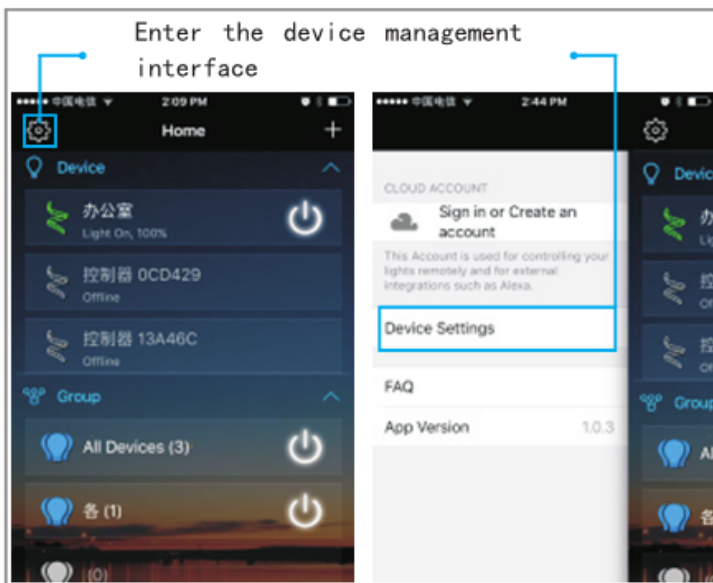
Select the WIFI controller that you need to add to the router(need to connect the controller WIFI first and then add it)

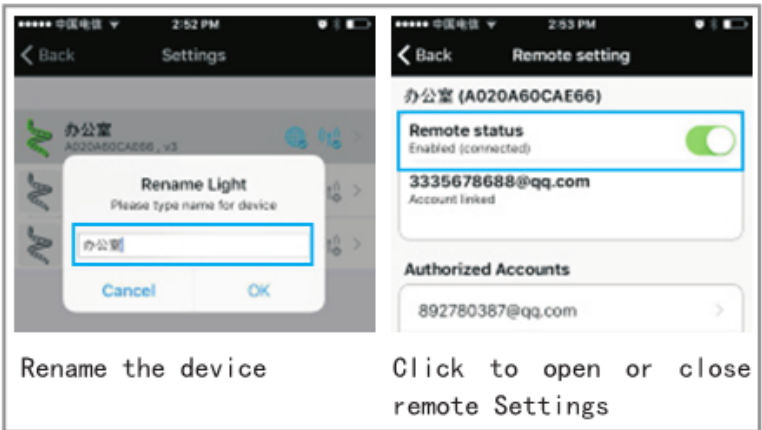
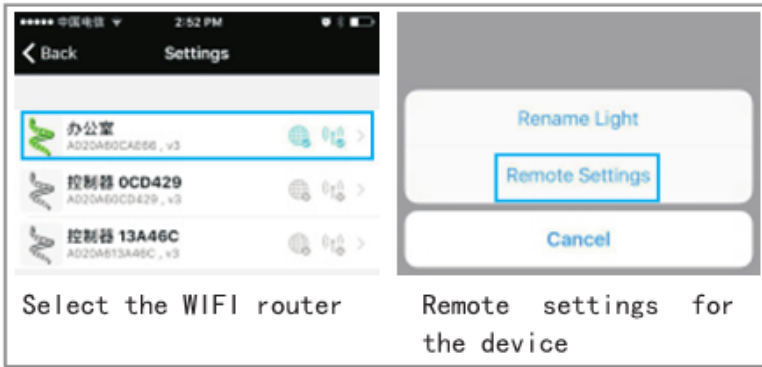


Note: if you want to add controller WIFI to the router network in the APP interface, you should connect the controller signal in network connection first.

3. Remote connection settings.

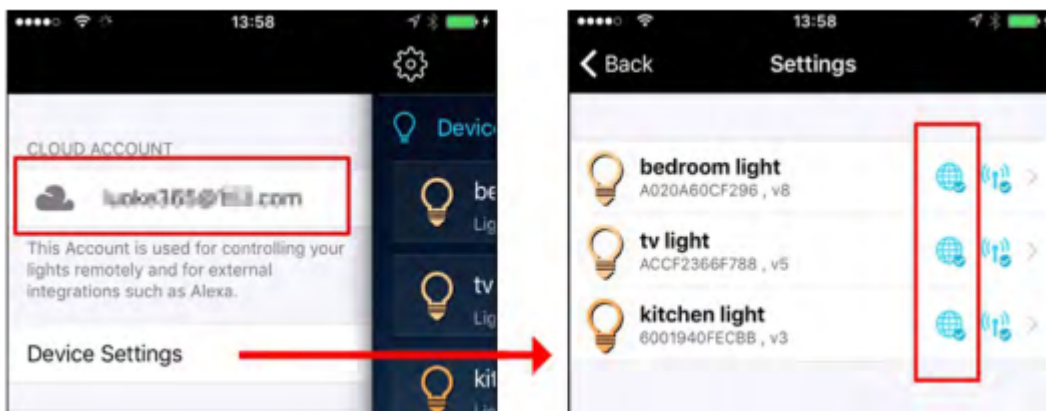
When making remote settings, make sure the account is logged in properly





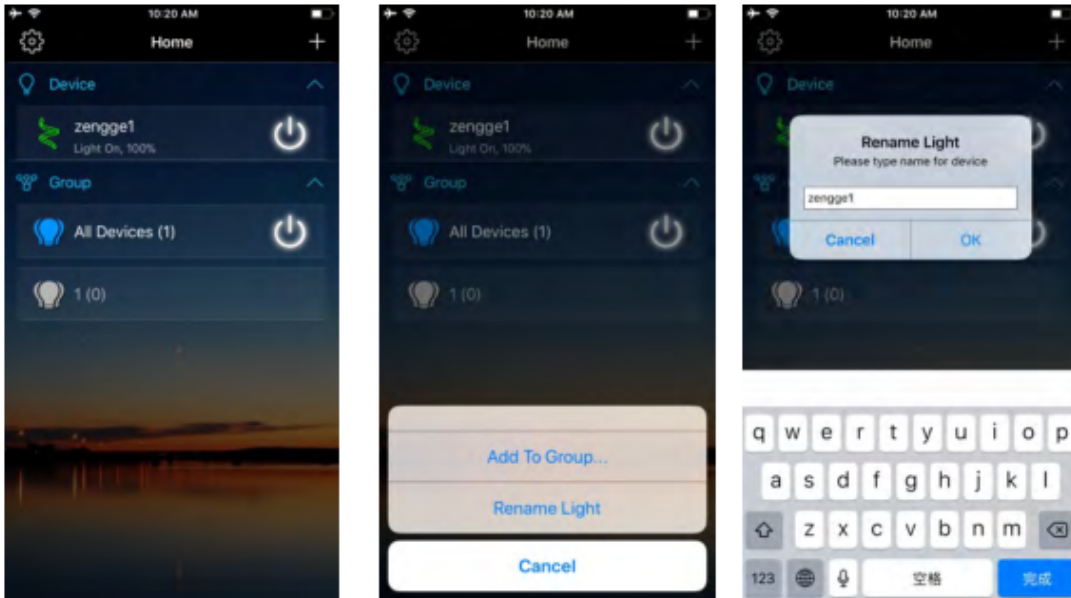
Step 1: Create your Magic Home cloud account

In order to control your smart light with the Amazon Echo or control them remotely, you need to create a MagicHome cloud account and sign in.



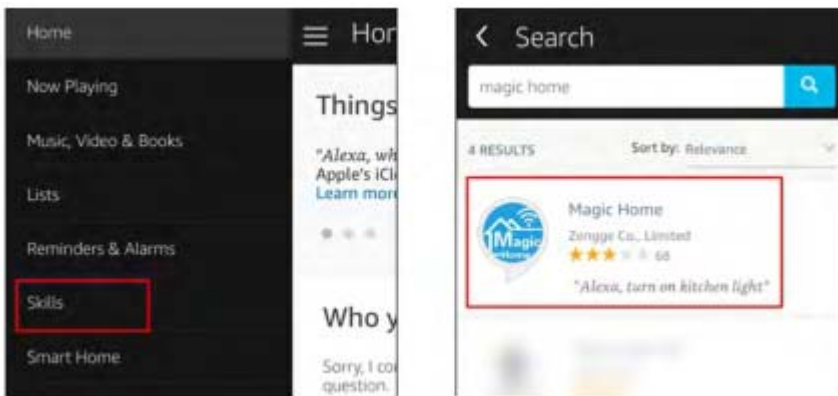
Step 2: Add your light and modify the name

Make sure there is at least one smart light in device list, and enable your lights for remote control. On "Home" page, long press light to rename.



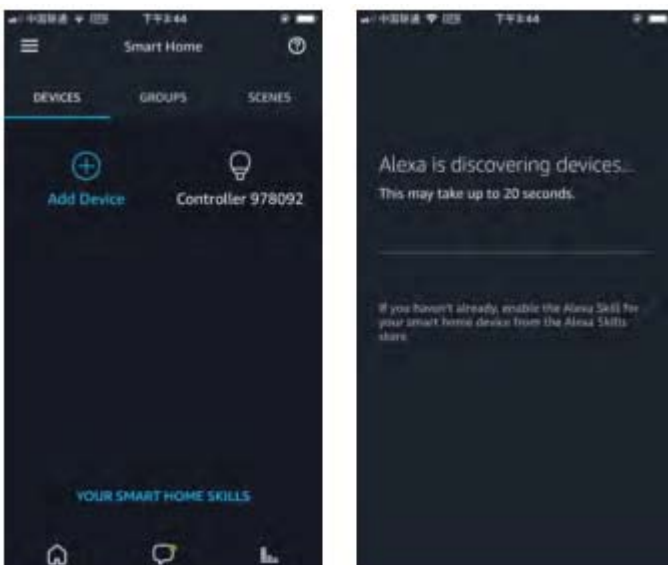
Step 3: Enable Alexa Skill

The next step is to download the Amazon Alexa app, open the Amazon Alexa app and under the skills section, search for the Magic Home skill. The account and password must be the same as you created in Magic Home Pro APP.



Step 4: Login and Discover Devices

Use your MagicHome cloud account you created in step 1 to sign in to "Magic Home" Skill. The next step is to discover your smart lights from Alexa app. You can say Alexa, discover devices. Once Alexa has completed discovering your smart lights, they will be shown in the SmartHome section in the Alexa app.



Step 5: Control your light

Here, you finish all setups. You can now control your lights by issuing voice commands. Supported Commands:

These are some of the currently supported Alexa voice commands for the smart light. Alexa, set [light name] to [0-100]% Alexa, turn [light name] on/off Alexa, dim/brighten [light name]

Alexa, increase/decrease [light name] Alexa, set the [light name] light to red

Alexa, change the [light name] to the color blue Alexa, make the [light name] warm white

Alexa, change the [light name] to the cool white Alexa, set the [light name] to daylight Changing colors on your lights

Color Options for Alexa control of your smart device:

- Blue Orange Crimson Pink Cyan Purple Fuchsia Red
- Gold Salmon Green Sky Blue Lavender Teal
- Lime Turquoise Magenta Violet Yellow



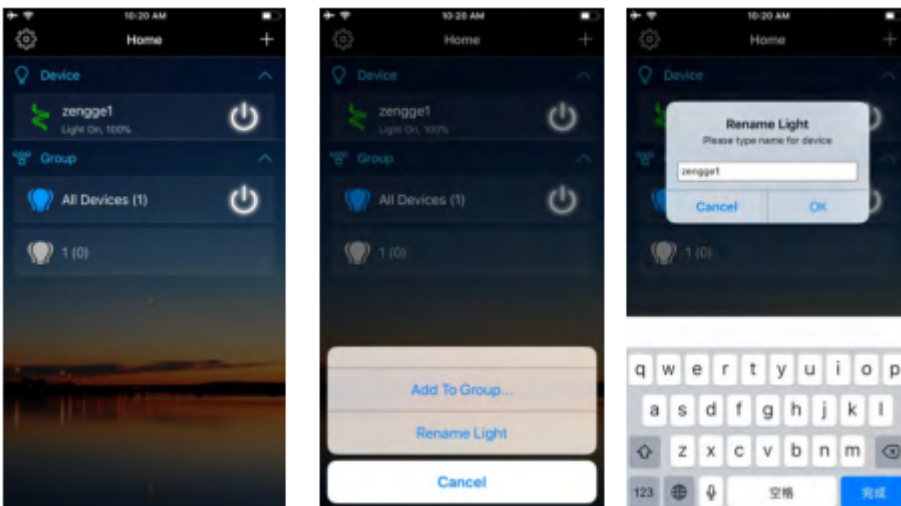
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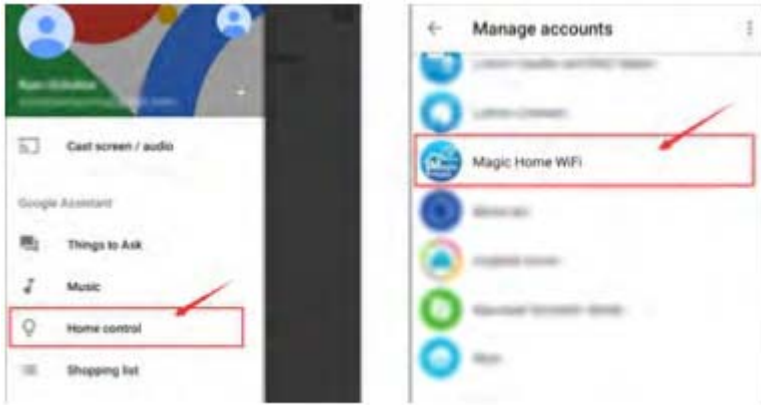
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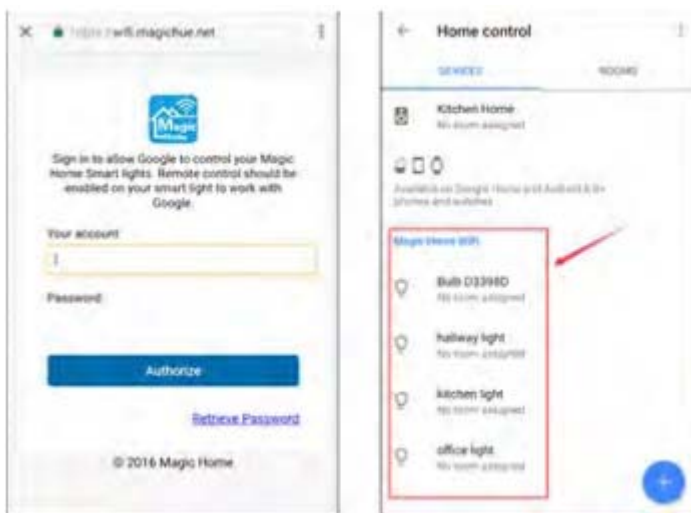
Step 3: Add Home Control Action

Click Home control on Home APP. Select Magic Home WiFi" The account and password must be same as the one you created in Magic Home Pro APP.



Step4: Login with your app account

Enter your app account and password to finish the account linking. (Use the Magic Homecloud account you used on step 1). Your lights will be listed on Home Control interface.



Step 5: Control your light

Here, you finish all setups. You can now control your lights by issuing voice commands. Supported Commands:

Say "Ok Google" or "Hey Google", then...Turn on <light name>Dim <light name>

Brighten <light name>Set <light name> to [50%]

Dim/Brighten <light name> by [50%]Turn <light name> [color]Turn on/off all the lightsIs <light name> on?

Changing colors on your lights

Color Options for Google Home control of your smart device:

Blue Orange Crimson Purple Cyan Red Fuchsia Salmon Gold Sky Blue Green Teal
Lavender Turquoise Lime Violet Magenta Yellow

Remote control

1. We have maintained long-term cooperation with the US Ali Cloud Terminal in USA server to provide our customers with better remote control services.
2. When and only when you register and log in your account in Magic Home Pro APP, no matter where you are, you still can control your home light with APP as long as there's WiFi/2G/3G/4G internet for your smart phone.
3. Note: After the controller is bound to home WiFi, it will not display on your WiFi list anymore.

Common Problem Analysis:

1. Why can't my smart phone find the Wi-Fi signal of controller?
Please check if the controller has been connected with router or not, at the same time the Wi-Fi function of phone works properly.
2. Why can't the controller connect with router?

Firstly, please ensure to input the correct Wi-Fi password.

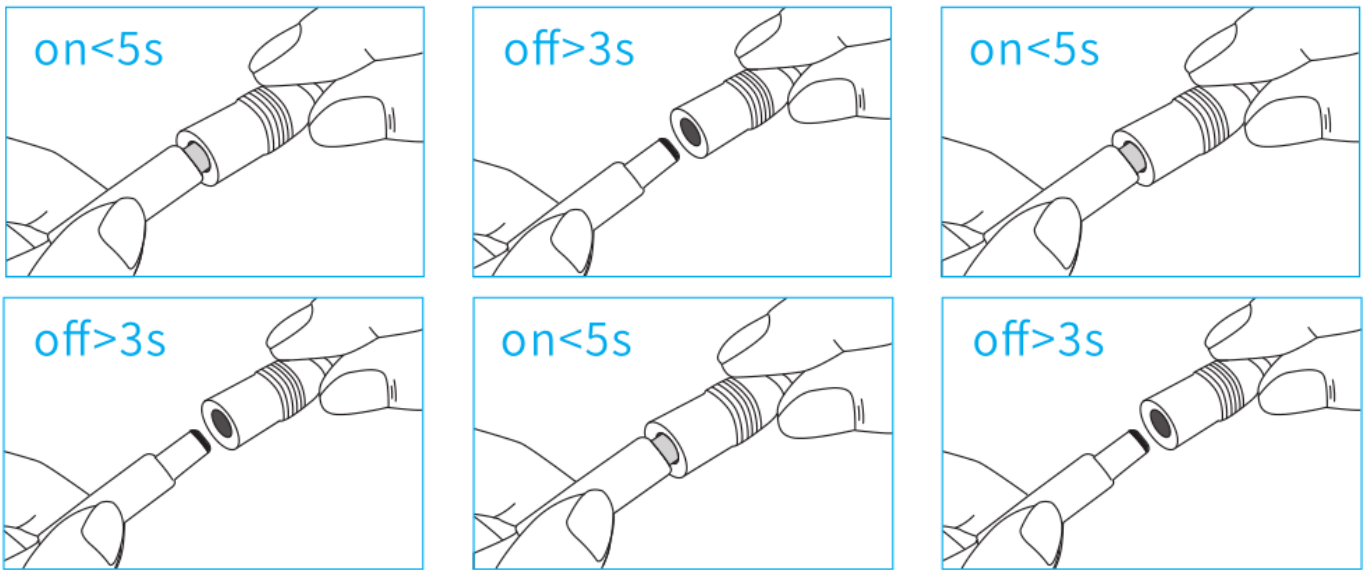
If the password is incorrect and the controller still fails to connect with the router, please shutdown the controller and router, then turn on the router and the controller 30 seconds later. And wait for 2 minutes before you start the APP.

If the problem cannot be solved after the above operations, please restore factory defaults.

3. Why doesn't the controller show in the APP after you choose the Wi-Fi signal of the controller in the phone setting?

Please refresh the APP device list by sliding down on the screen. If still not find the controller, please try to shutdown the function of smart Internet selection of your smartphone settings. This is to avoid automatically exiting the controller signal connection because of the unavailable network. 1. How to reset the controller?

Reset the Wi-Fi controller by plugging and unplugging the connector repeatedly for 4 times, waiting for 1-3 seconds each time you plug/unplug the connector. (Please refer to the diagram in APP HELPS for more details)



Cautions

- 1, This product's input voltage is DC5-28v, other input voltages are not allowed.
- 2, Lead wire should be connected correctly, according to the wire color and the connecting diagram offers;
- 3, Overload are prohibited.