EVERSTAR
Smart Wireless Technology

DATASHEET
LED WI FI BOX

PRODUCT SPECIFICATION

Product description : RF 2.4G Multi-zone Dual White Remote (CCT)

Version : 1.0

1. PRODUCT PHOTO

2. FEATURES

- Support both Wi-Fi control of Apple products (iPod, iPad, Iphone), Android mobile devices like Samsung, HTC,HUAWEI.
- With the 3-in-1(Dimming, CT, RGB) apple/android software. One device suit to different l ighting application scene.
- Memory function to save scenes anytime anywhere for next play.
- HMW-WIFI-V02 working voltage auto fit to DC12-24V.
- Wi-Fi control based on 2.4GHZ frequency.
- 2 year warranty.

3. TECHNICAL PARAMETERS

Working temperature	-20-60°C	Working voltage	DC12~24V
Power consumption	<3W	Static current	<200mA
WIFI brightness level	100	WIFI speed level	<100mW
Net weight	130g	G.W.	L148*W40*38 (mm)
Case dimension	L108*W63*H28mm	Box dimension	2.4GHz
WIFI frequency	2.4G	Output frequency	2.4G
Receiving sensitivity	802.11b:DSSS (-5dBm)	802.11b:CCK(-10dBm)	802.11g:OFDM(-15dBm)

Name	FreeLighting V1.0	Platform	Android 2.1 or above, IOS4.3 or above, with wifi function
Size	Android(828KB) , IOS(3.4MB)		
Category	Communication	Language	English

4. DIRECTION FOR USE

FreeLighting V1.0 installation:

1) Android : Scan the QR code to download FreeLighting, click the "FreeLighting V1.0.apk" to start the installation .

2) IOS : the same as the other software from App Store download the "FreeLighting" from App store and install or Scan the QR code to download the f FreeLighting.

IOS and Android

FreeLighting V1.0 software Using illustration:

HMW-WIFI-V02 control box sub-network single use and join the home route two control methods

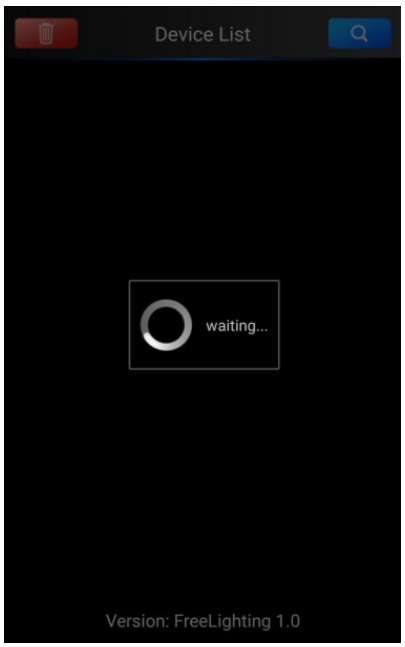
1. First introduced the use of off-line single:

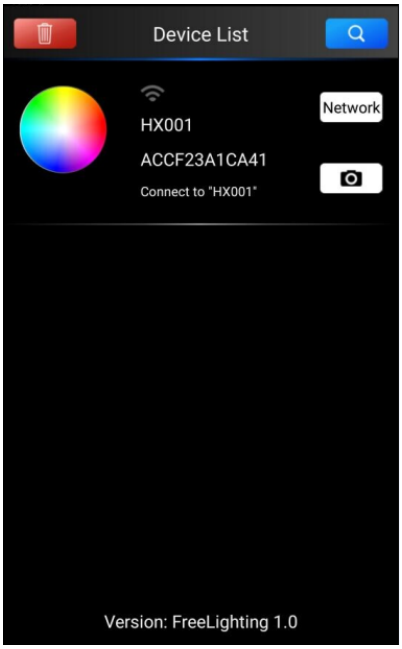
Step 1 : Before using the software, first to the WIFI control box power, and for the LED wireless dimming drive and LED controller connected to the power cord and load

Step 2 : Find the WIFI network named "HX001" (factory default name) on the phone, and connect it.

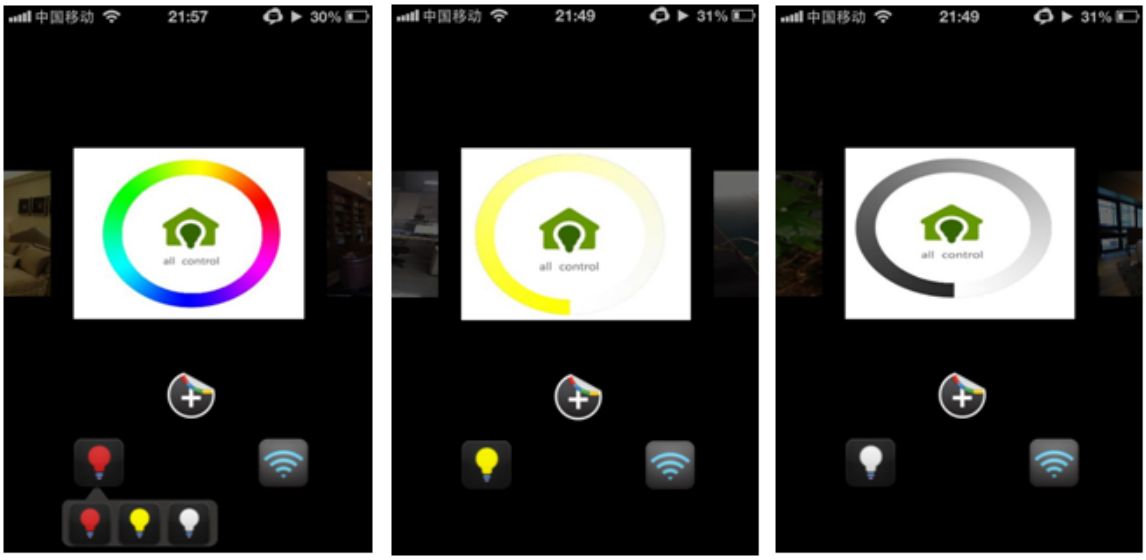
Step 3 : Open the application "FreeLighting" on the phone, you will see the application enter the "device list" interface and search the device automatically. If the device is not show in the search result list, click on the upper right to re-search.

Step 4 : Find out the device from the search result list, and click the round icon to go into the main control interface.





(1) Select the control main interface type; open FreeLighting V1.0 control software, will enter the control of the main interface, click on the lower left corner of the icon, divided into RGB colorful, DIM dimming and CT two color temperature three, choose the type you need, as shown below Show:

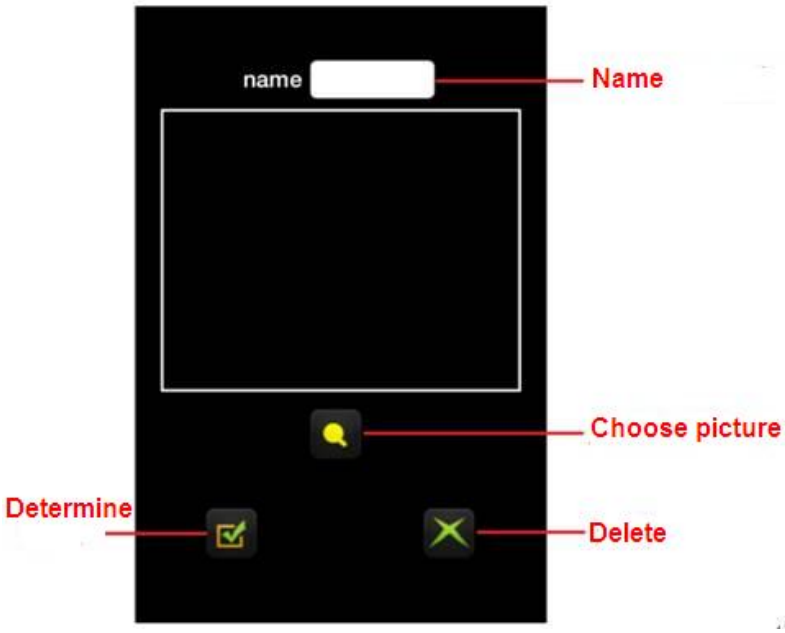


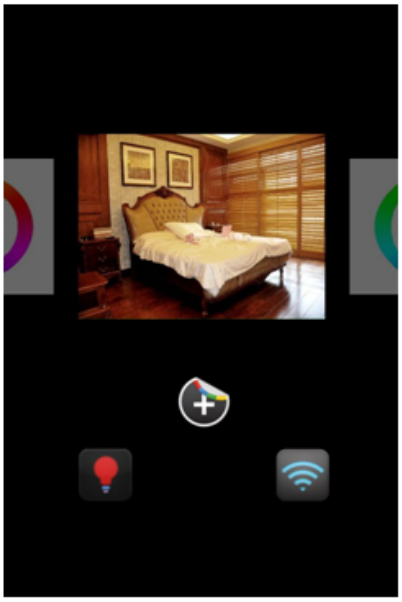
(2) The main control interface for RGB/CCT/DIM as below:

RGB Interface CCT Interface Dimming Interface

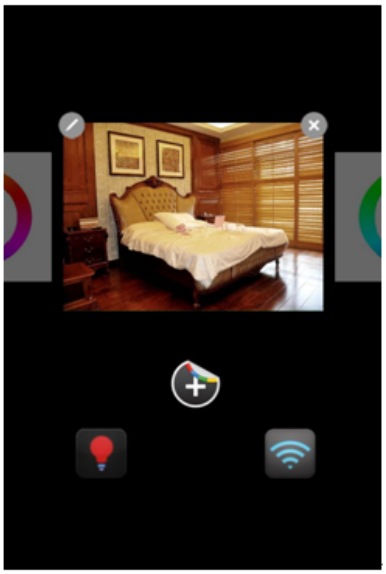
(3) Application functions. (Using RGB interface as example, CCT/DIM are same)

1). The establishment of sub-sub-interface interface; software can create up to tensub-sub-interface, that is to say you can 10 different areas of independent group control. In the control of the main interface, click on the icon, this time will open a group sub-interface settings window, you can set your favorite name and pictures in the window to distinguish between different control areas, as shown below:





2).If you want to change or delete , just press the picture, in the upper left corner of the picture will appear "change" icon and the upper right corner of the "delete" icon, click on them can be modified, if you want to change or delete the picture



3). Matching code operation

Step 1:Click on the interface in the white circle icon,
will pop up a "save" save" and "studycode" on the code frame:

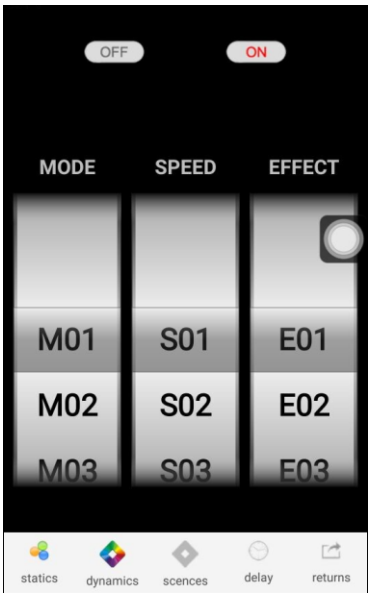
Step 2: Click on the "studycode" on the code icon , will pop up a 10 seconds countdown to the code icon (as shown below), during which the LED wireless drive power, when the LED lights flashing a few times that the success of the code

4). Once the sub-interface with the LED wireless drive or LED controller to establish control relationship, the main nterface can be all the sub-interface corresponding to the LED wireless drive or controller for synchronous control;

(4). RGB control interface

NO.	Button	Function
1	OFF	Turn off the light
2	ON	Turn on the light
3	function of auxiliary key	Mainly used for the code and save function
4	RGB color slip	Touch the corresponding color lights also light the corresponding color
5	Saturation slip	Used to correspond to the lamp for white balance
6	Brightness slip	Slip to adjust the current light brightness, 100 levels in total.
7	Static interface	Static interface selection function keys
8	Dynamic mode interface	Go to select the dynamic modes.(fade, jump effects)
9	DIY memory function	Go to DIY modes select page. Display the saved DIY modes
10	Delay off interface	Delay off
11	return key	Return to the parent interface

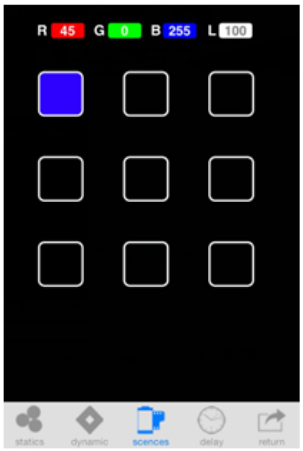
(5). Dynamic mode interface



MODE : select the different dynamic mode, such as flash, fade and etc;
PEED : select the speed level of the dynamic mode,100 levels in total;
EFFECT : select the different effect based on the different mode.

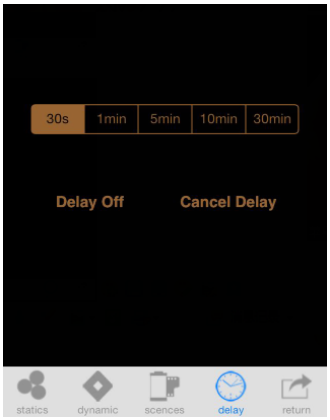
(6) DIY modes manage interface :

This page displays all of the DIY modes which have been saved, up to 9 modes in total. If you need to save the changes you like, you can click the DIY storage key to save and name, then click the DIY memory function, you can select the storage modes.



(7). Delay setting interface: (can be delayed for different periods of time off)

This page displays all of the DIY modes which have been saved, up to 9 modes in total. If you need to save the changes you like, you can click the DIY storage key to save and name, then click the DIY memory function, you can select the storage modes.



2. Join to the home network and SSID setting

1）join to the home network

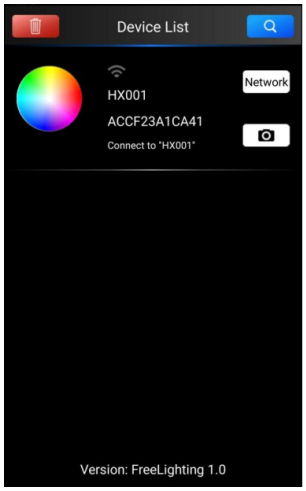
Step 1 : Before setting the joining to the home network, connect the phone with the WIFI control box directly as the instruction above.

Step 2 : Enter into “Device list” interface after the Step 1; and click “Network” on the right go into setting interface for joining the home network (Figure 1 below).

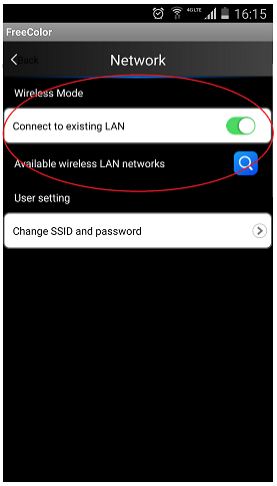
Step 3 : Open “Connect to existing LAN” (Figure 2 below), the application will search LAN automatically.

Step 4 : Click the LAN which you want to join in(Figure 3 below), will pop up “Enter the SSID password” dialog box, enter your home LAN password and press “OK” to confirm(Figure 4 below). There will show “change wifi success and search again” after success connection(Figure 5 below).

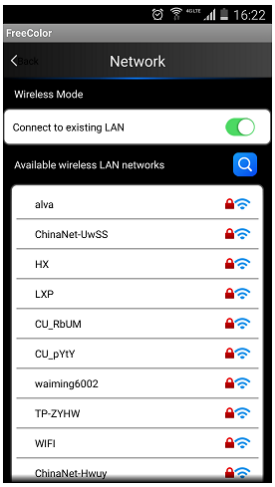
Step 5 : The application will back to “Device list” interface automatically after Step 4. Click on the upper right to re-search, will find the device which have been connected to home LAN well. Click the round icon start to control your light through your home LAN.



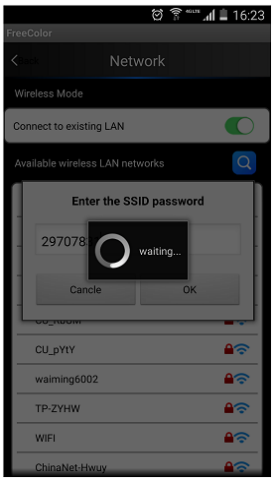
(Figure 1)



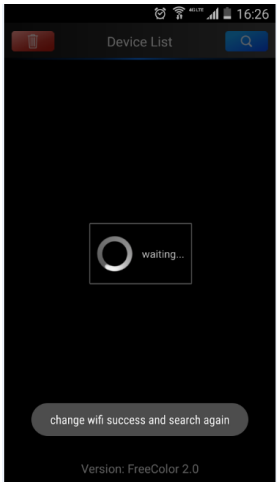
(Figure 2)



(Figure 3)



(Figure 4)

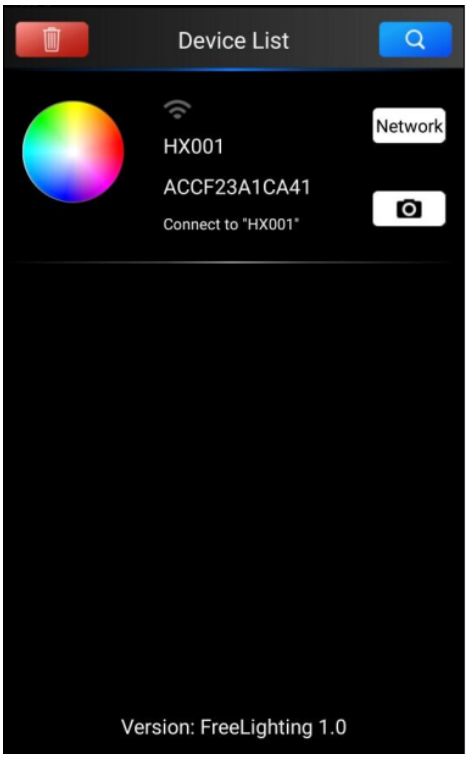


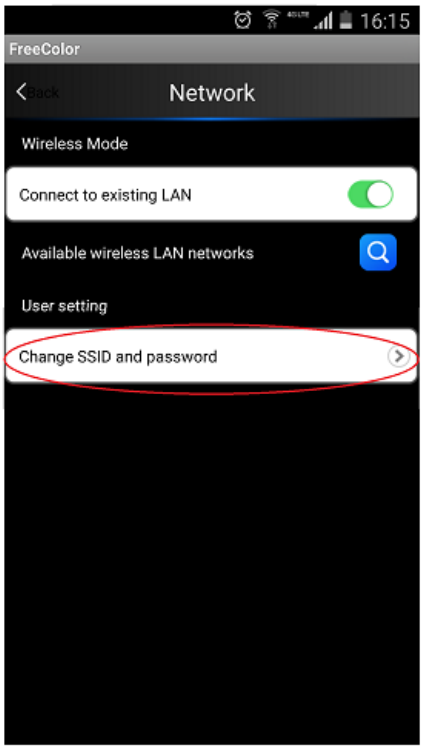
(Figure 5)

2) Resetting SSID username and password

If more than one HMW-WIFI-V02 in a area, we can reset the SSID for the devices in order to avoid they jamming each other.

Enter “Device List” interface, click and enter “Network” interface, then click “Change SSID and password” will pop up “User setting” page, key in the SSID name and password, click “apply” to finish and save. Re-link the device after success setting.

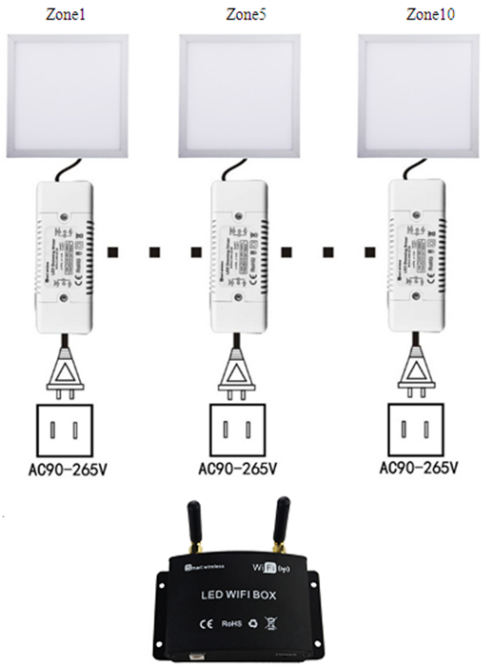




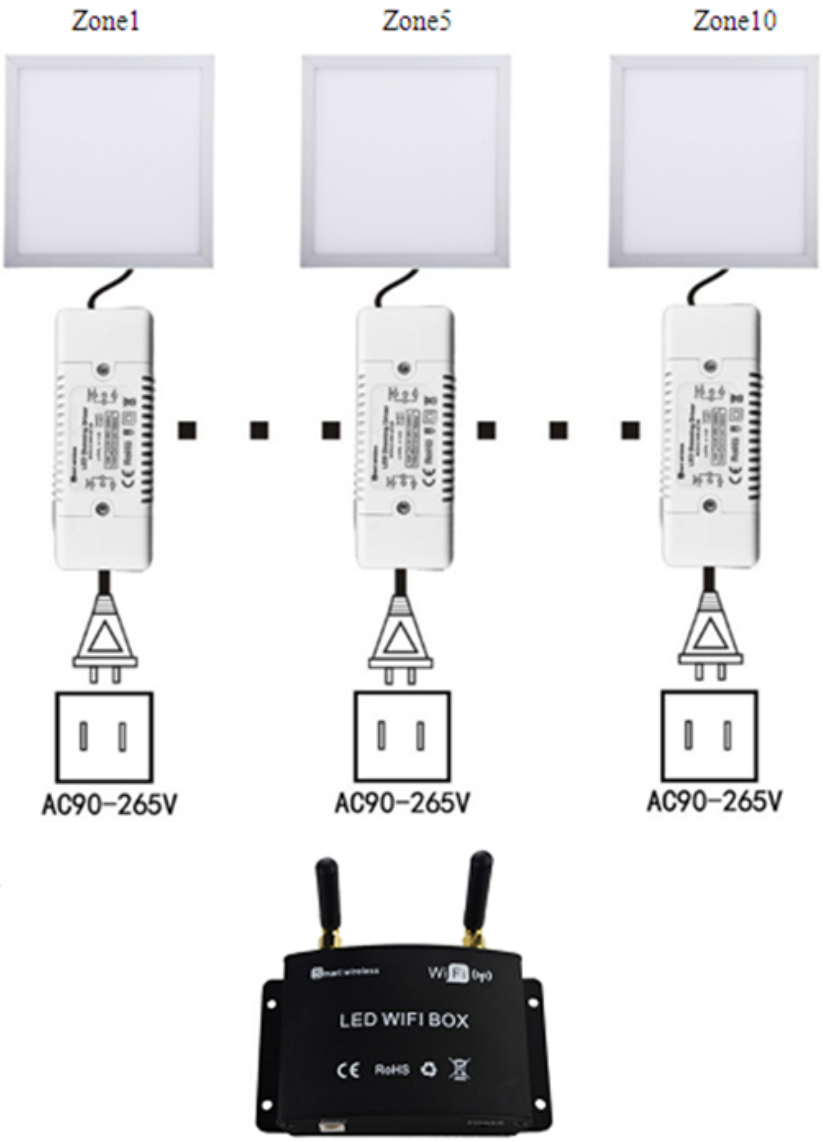
Application scenario

1. RGB

2. CT



3. DIM



Warning:

1. Supply voltage of this product is DC12~24V, never connect to AC220V.

2. Lead wire should be connected correctly according to colors that connecting diagram offers.

3. Warranty of this product is two year, but exclude the artificial situation of damaged or overload working.