

HelloCubic-Lite User Manual V7.0.16

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1. Basic Information

Product Size: 35mm x 30mm x 15mm

Optical Prism: K9L, 25.4mm x 25.4mm x 25.4mm

Screen :1.3 inch 240x240px TFT IPS display

Power supply: 5V DC with 1A and up. Voltage should not over 5V which may cause damage.

2. How to set it up?

Upon startup, the device will attempt to connect to the network based on the recorded WiFi information. If the connection fails, it will enter AP (Access Point) mode and activate its own hotspot named "GIFTV." If the connection is successful, it will enter STA (Station) mode and disable its own hotspot.

When you first power on the device, it will be in AP mode. In this state, use your smartphone to connect to the WiFi network named "GIFTV" (some phones may show a "no internet" warning; please ignore this). Then, open a web browser and visit the console address <http://192.168.4.1>. This will take you to the web-based control panel for configuration.

First, click on "Network," and select "Scan" to search for nearby WiFi hotspots. Choose your WiFi network and enter the password to save it. The device will then restart to establish a WiFi connection. If the connection is successful, the IP address after connecting will be displayed on the screen. You can make a note of this address, but it's not necessary as it will be shown every time after successful connection upon startup.

Channel	WiFi	Safe	Signal	SELECT
1	1502	🔒	-74	SELECT
1	77a7ec9b	🔒	-94	SELECT
1	1024	🔒	-54	SELECT
3	Xiaomi_DCF8	🔒	-89	SELECT
4	10249	🔒	-53	SELECT
4	CMCC-snTb	🔒	-93	SELECT
6	CMCC-2EC2	🔒	-91	SELECT
6	CMCC-ZR4k	🔒	-78	SELECT
8	CMCC-FSfD	🔒	-86	SELECT
11	FAST_2.4G_0A59	🔒	-88	SELECT
11	1501	🔒	-92	SELECT
11	1501	🔒	-91	SELECT

Next, use your smartphone or computer to connect to the same WiFi network (Your own WiFi network). Once connected, open a web browser and enter the new IP address. This will take you back to the configuration page, where you can make additional personalized settings.

New IP address

1. Choose theme
(Please disable Auto switch if you want to switch manually.)

1 Weather Clock Today

2. Auto Switch Themes

1.Weather Clock Today
2.Photo Album
3.Time Style 1
4.Time Style 2
5.Time Style 3
6.Days Countdown
7.Simple Style Weather Clock

Enable: Interval(seconds): 10s

SAVE

Video here for your reference.

3. How to update weather info?

3.1 Method 1

Input city name in English directly, for example, the city Seoul, just type in "Seoul" is OK, or "Seoul,KR" is OK too.

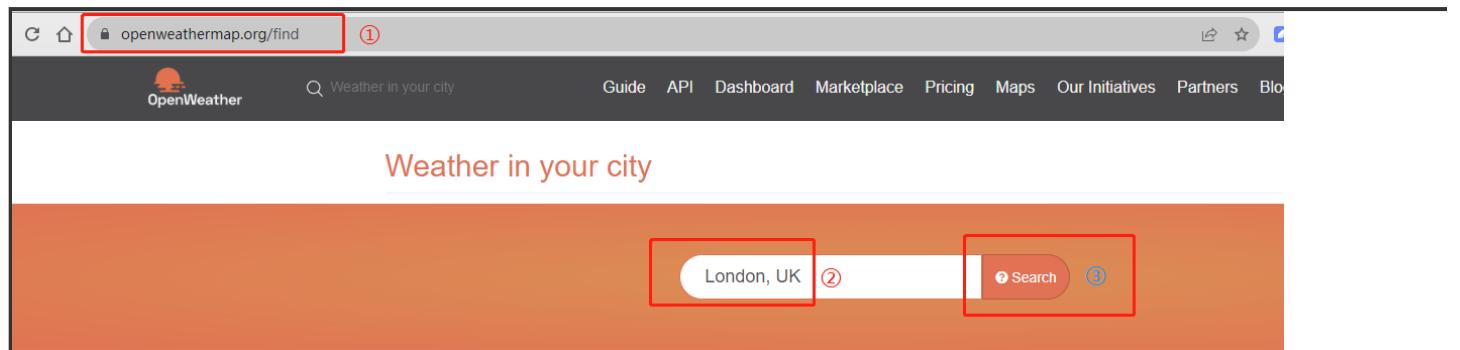
3.2 Method 2

If the city name is not a unique one, that is there are more than one city with the same name, you may need to find the correct city code.

Here are the steps:

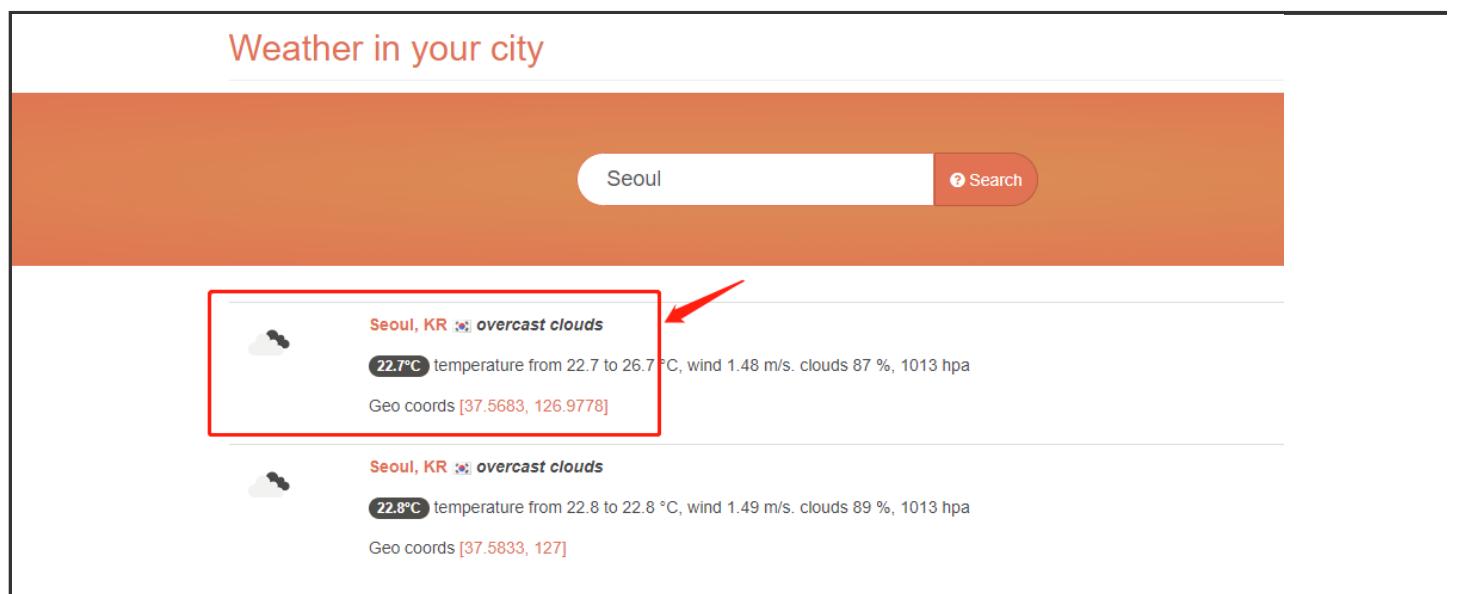
After successfully setting up your device for internet connection, you can access the Weather page on the control panel. To do this, you will need to find your city code. You can search for it here:

Step 1: Open the following URL:<https://openweathermap.org/find>



Step 2: Enter your city name, for example, "Seoul," and click on the "Search" button.

Step 3: In the search results, click on your city's name. This will open a new webpage link.



Step 4: Locate your city code. It should be a sequence of pure numbers found at the end of the URL address.

Sep 3, 11:25am
Seoul, KR

27°C
 Feels like 29°C. Overcast clouds. Light breeze

2.6m/s E 1014hPa
 Humidity: 74% UV: 7
 Dew point: 22°C Visibility: 9.0km

HAEJU
 Kaesong
 Ulleonbu
 GOYANG
 SEOUL

No precipitation within an hour
 now 15min 30min 45min 60min
 11:25am 11:40am 11:55am 12:10pm 12:25pm

[Hourly forecast](#) [8-day forecast](#)

Step 5: On the Weather page, input your city code, which in this case is "1835848," and then click "Save." The weather information should update immediately.

Network **Weather** Time Pictures Settings

1. Set City Code

City code: 1835848

Tips: [Where to find Your Own city code >>>](#)

1.Click me to search your city code after internet is connected

2.Input your city name, click search and then choose the result, open it, the number at the link address tail is your city code! eg: Seoul,KR
<https://openweathermap.org/city/1835848>, 1835848 is city code of Seoul,KR.

SAVE

If you encounter any issues, please feel free to contact our online customer support for assistance. You can also reach out to us via email for further communication. We are here to help!

Tips:

1. If you use your own API key, you will have the advantage of a higher weather update frequency. When using a public key, the update frequency is fixed at once every 20 minutes. If you do not understand what is API key, please do not modify it.
2. Gif size in the weather screen is fixed 80x80px, large gif file not fit the area.

4. Picture Display

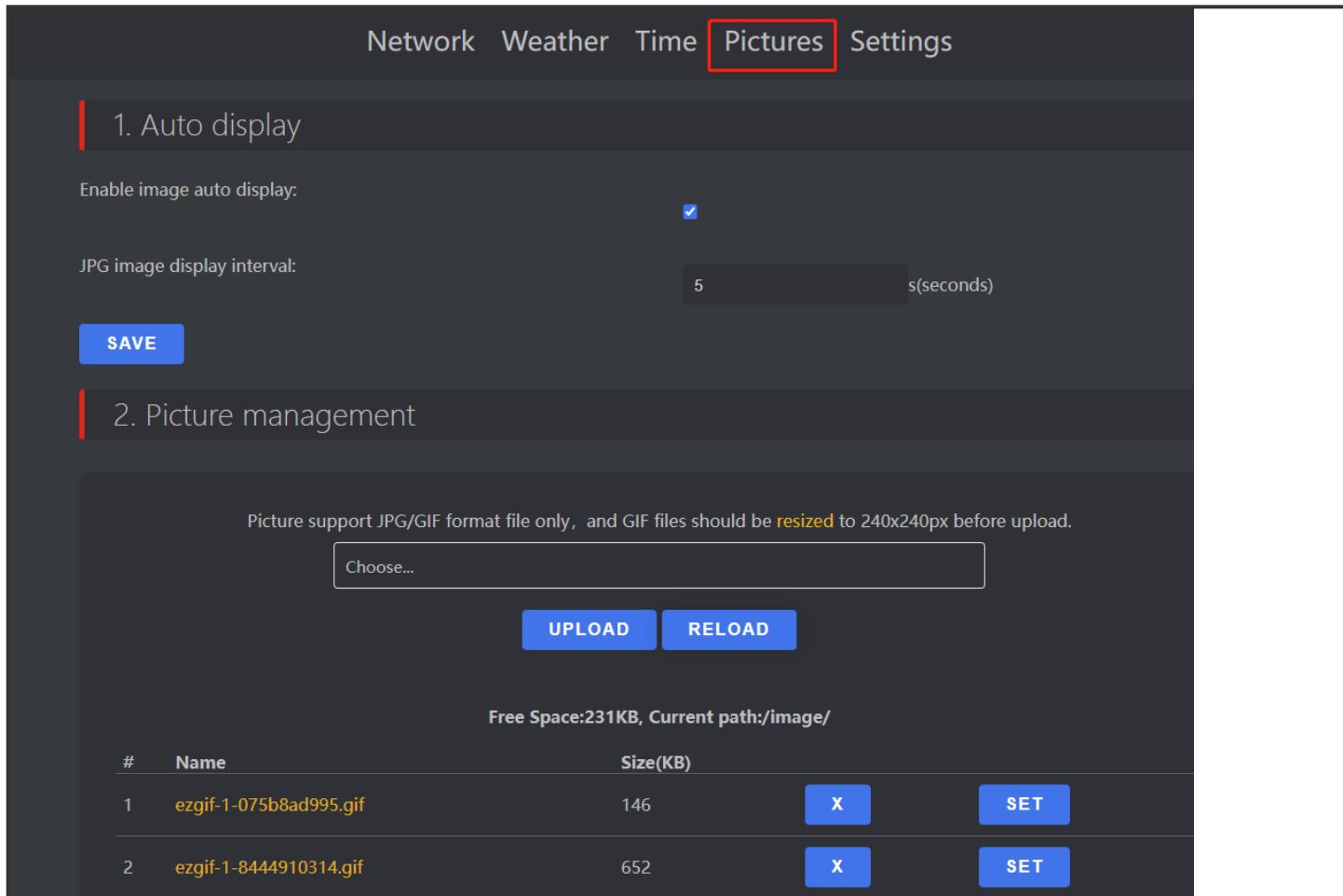
ATTENTION: DO NOT USE TRANSLATION ON THE WEB WHEN YOU UPLOAD PHOTOS, OR UPLOAD WILL FAIL AND OTHER ERROR MAY OCCUR!!!

Instructions:

- Images support a maximum pixel size of 240x240 pixels; please ensure that your images are within this range.

- In auto display mode, JPG images can have a set interval for transitioning, while GIFs will play continuously to the next.
- If you turn off automatic playback, you can freely select which image to display.
- All images can be deleted, with approximately 1MB of space available for customization.

Tip: For creating GIFs, we recommend using the free GIF-making website, ezgif.com.



The screenshot shows a dark-themed user interface for managing images. At the top, there are tabs: Network, Weather, Time, Pictures (which is highlighted with a red border), and Settings. Below the tabs, there are two sections: '1. Auto display' and '2. Picture management'. The '1. Auto display' section contains a checkbox labeled 'Enable image auto display:' which is checked, and a numeric input field set to '5' with the unit 's(seconds)'. A blue 'SAVE' button is located below this section. The '2. Picture management' section contains a note about file formats and sizes, a 'Choose...' file input field, and 'UPLOAD' and 'RELOAD' buttons. Below this is a table showing the current image files. The table has columns for '#', 'Name', and 'Size(KB)'. It lists two files: 'ezgif-1-075b8ad995.gif' (146 KB) and 'ezgif-1-8444910314.gif' (652 KB). For each file, there are 'X' and 'SET' buttons.

#	Name	Size(KB)	X	SET
1	ezgif-1-075b8ad995.gif	146	X	SET
2	ezgif-1-8444910314.gif	652	X	SET

5. About Time

Do not enable DST if it is not used in your country or area. There may be 1 hour ahead if you enabled.

1. Time Number Color

Hour:
Minutes:
Seconds:

SAVE

2. 12/24 Hour Format

Default is 24-Hour, enable 12-Hour or not:

SAVE

3. Date Format

4. Enable Colon Blink

Enable

SAVE

5. Choose the Time Style Font

6. Others

Your advices are highly welcomed, feel free to contact ifengchao1314@gmail.com.

Good luck and happy everyday!!!

Trouble shooting & FAQ:

1) The screen flickering? Or could not power on?

A: Try change another usb cable or power adapter, the related to unstable power supply.

A: **Type-c to Type-c USB are not supported, it's better to use our cable instead.**

2) Can't connect to my router?

A: Make sure it's 2.4G hotspot, double check the SSID and the password is correct. If it's a WIFI6 2.4G network, especially it's ASUS WIFI6 routers, there maybe compatible issues.

Method 1, close the 802.11ax options which will close WIFI6 features.

Method 2, create a guest 2.4G hotspot without 802.11ax options, and connect the gadget to this AP.

Method 3, contact online help from us.

B: Check your WiFi name and password is saved correctly on the webpage, the webpage will read the saved info after loaded.

C: Make sure the 802.11 b/g mode is enabled in your router's WiFi settings.

D: Try different power and cable, this sometimes works.

E: Reboot your router, sometimes works.

F: Try connect it to your phone's hotspot use the Manually input method.(Make sure you have set your phone's hotspot to 2.4G channel only, and if is an iPhone, please turn on the Max compatibility switch in the hotspot settings)

G: If it is a company WiFi with authentication which need account info will fail, please change to other kind of WiFi.

We are 100% confident that the WiFi connection will be successful, please contact us if you need help, ask directly from the support mail: GeekMagic@163.com, developers will help.

3) Where and how to update firmware?

A: <https://github.com/GeekMagicClock/HelloCubic-Lite>

4) How to reset, reconfigure?

A: When you plug in the power supply and the progress bar is displayed on the screen, unplug the power immediately. Repeat this twice, and the third time it will turn on its own WIFI. You can reconnect to its WIFI hotspot and enter the web page to reconfigure.

5) How to crop or resize gif files?

A: ezgif.com is highly recommended, upload your own gif files, crop it and then resize it, make sure it will fit into 80x80px or 240x240px for full screen display.