

Distribution network

The weather clock of this device needs to be used by the distribution network

After powering on, the device will automatically open an AP named My App with a password of 12345678. Connect to this AP with your phone and wait for a moment. The network page will pop up, automatically searching for hotspots in the current environment. Select your hotspot and enter your password to complete the network. After the network is completed, the screen will obtain an IP address, which can be viewed on the WIFI page in the settings.

Note: Some mobile phones will automatically disconnect the 5G network used by the hotspot once they find that the hotspot cannot connect to the Internet. At this time, they need to connect to the AP again. If the network page does not pop up after connecting to the AP, please enter 192.168.4.1 on your mobile browser to open it.

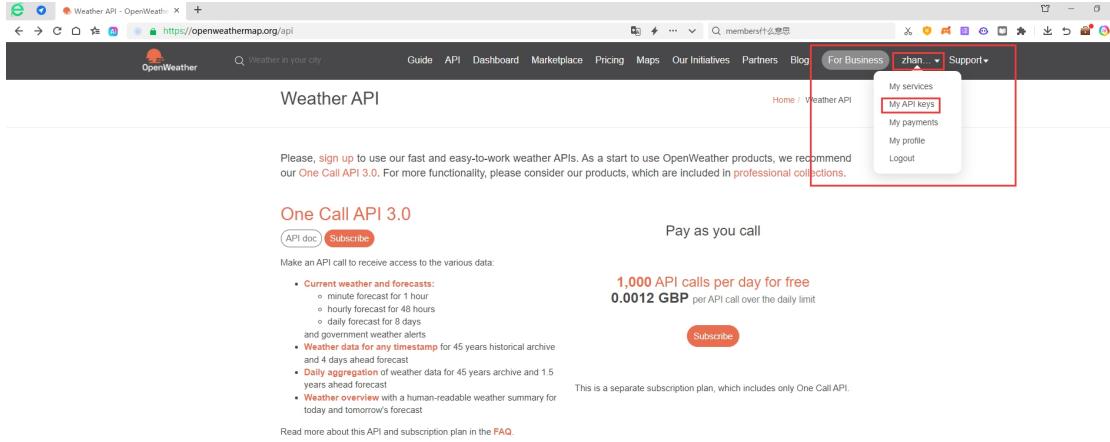
After successful networking, enter the settings page, click WiFi, enter the WiFi page, slide to the bottom and find the currently connected IP address. Enter the IP address of this device in the computer browser to enter the web control page.

The weather uses OpenWeather, and you need to fill in the API key and city code yourself

1. Register API key and open the address:

https://home.openweathermap.org/api_keys

Register an account to obtain API key



The screenshot shows a browser window for the OpenWeatherMap API registration page at <https://openweathermap.org/api>. At the top right, there is a user menu with options like 'For Business', 'zhan...', 'Support', and a dropdown menu. The 'My services' section of this dropdown is highlighted with a red box, specifically the 'My API keys' item.

One Call API 3.0

API doc [Subscribe](#)

Make an API call to receive access to the various data:

- Current weather and forecasts:
 - minute forecast for 1 hour
 - hourly forecast for 48 hours
 - daily forecast for 8 days
- Weather data from timestamp for 45 years historical archive and 4 days ahead forecast
- Daily aggregation of weather data for 45 years archive and 1.5 years ahead forecast
- Weather overview with a human-readable weather summary for today and tomorrow's forecast

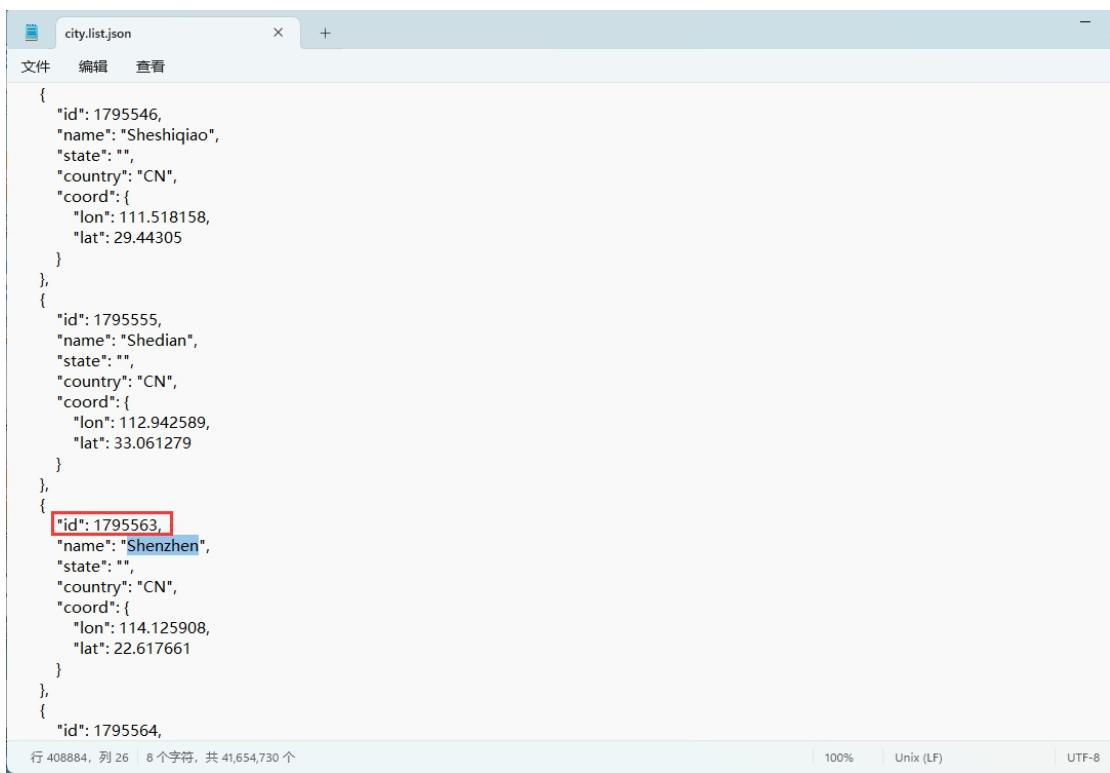
1,000 API calls per day for free
0.0012 GBP per API call over the daily limit

[Subscribe](#)

This is a separate subscription plan, which includes only One Call API.

Read more about this API and subscription plan in the [FAQ](#).

2. Open city.listion.json in citycode and open it in text format to find the corresponding city code.



The screenshot shows a text editor displaying the file 'city.listion.json'. The file contains a list of city objects, each with properties like id, name, state, country, and coordinates. A specific entry for Shenzhen is highlighted with a red box. The JSON structure is as follows:

```
{  
    "id": 1795546,  
    "name": "Sheshiqiao",  
    "state": "",  
    "country": "CN",  
    "coord": {  
        "lon": 111.518158,  
        "lat": 29.44305  
    },  
    {"id": 1795555,  
     "name": "Shedian",  
     "state": "",  
     "country": "CN",  
     "coord": {  
         "lon": 112.942589,  
         "lat": 33.061279  
     },  
     {"id": 1795563,  
      "name": "Shenzhen",  
      "state": "",  
      "country": "CN",  
      "coord": {  
          "lon": 114.125908,  
          "lat": 22.617661  
      },  
      {"id": 1795564,  
       ...  
}
```

行 40884, 列 26 | 8 个字符, 共 41,654,730 个

100% | Unix (LF) | UTF-8

3. Enter the IP address of the screen on the browser, enter the city code and API key, and click save.

