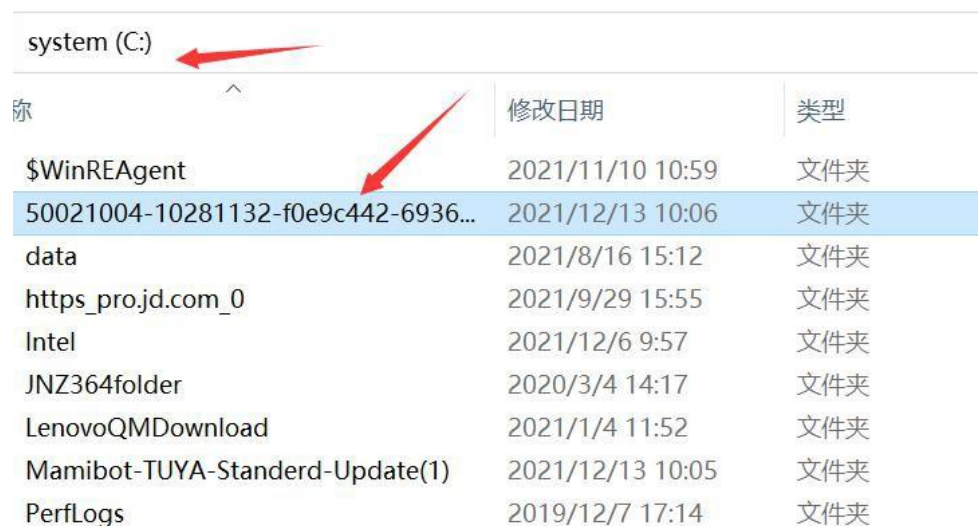


PREPARATION BEFORE PROCEEDING

*Please kindly shut down your anti-virus firmware before downloading the firmware from our website, just in case some files might be killed by the anti-virus firmware

*Please download the files and save it to your **SYSTEM DISK HOME DIRECTORY**, for example, if your computer system was installed in disk C:\, please save your folder to C:\. Do not change the folder name, keep it as original.



名称	修改日期	类型
\$WinREAgent	2021/11/10 10:59	文件夹
50021004-10281132-f0e9c442-6936...	2021/12/13 10:06	文件夹
data	2021/8/16 15:12	文件夹
https_pro.jd.com_0	2021/9/29 15:55	文件夹
Intel	2021/12/6 9:57	文件夹
JNZ364folder	2020/3/4 14:17	文件夹
LenovoQMDownload	2021/1/4 11:52	文件夹
Mamibot-TUYA-Standerd-Update(1)	2021/12/13 10:05	文件夹
PerfLogs	2019/12/7 17:14	文件夹

*Please make sure your laptop is available in wi-fi connection

50021004--EXVAC880

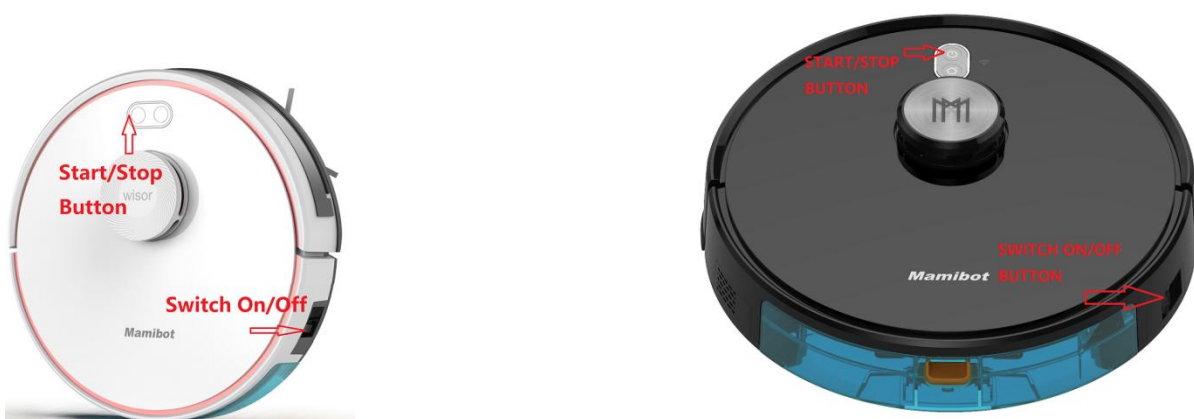
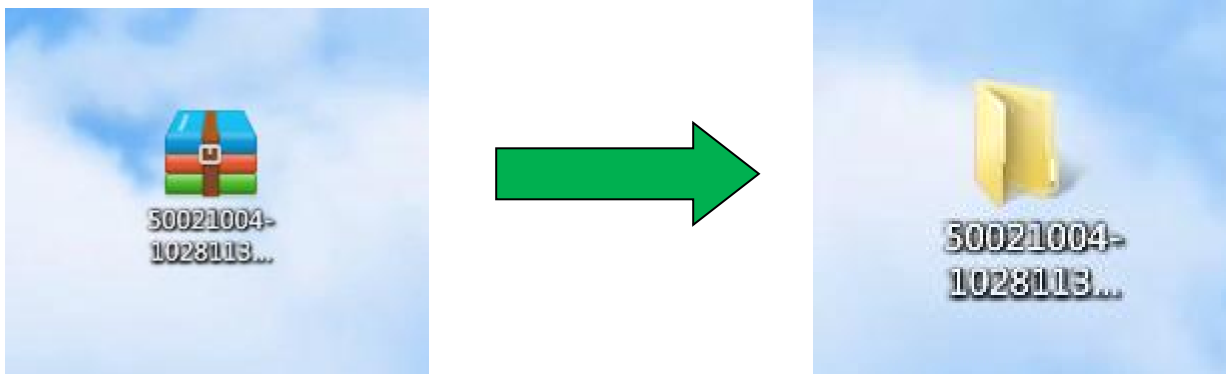
50131004--EXVAC890

*Please choose the execute file in folder 880 WEBACK TO TUYA if your robot is EXVAC880. EXVAC880 and EXVAC890 have different firmwares.

- 50021004-10281132-f0e9c442-6936f43c-xn8xj7hagoa3xeuc-EXVAC880
- 50131004-10281132-f0e9c442-6936f43c-ssoe4z0o8cvedtsj-EXVAC890

提前把这个压缩程序包解压到桌面（也就是C盘），如右图所示

*Please extract the program package to the PC' s desktop, for example, (C:\)



*拉取UUID进入厂测模式Entering the factory testing mode:

1. 长按住配网键3-5S，同时打开机器侧面的物理开关（详见下图动作展示）

Please **Keep pressing on** the Start/Stop button for 3-5s, and turn on the physical button (**Switch On/Off Button**) on the right side of the robot at the mean time.



2. 此时机器会出现红白色灯交替闪烁The indicator light blinks in red and white.

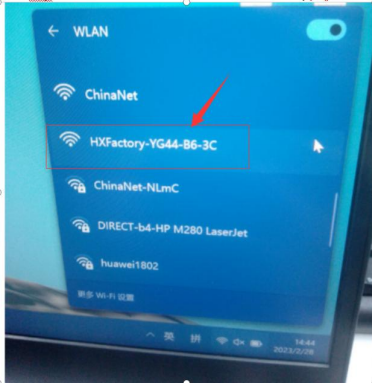


3. 等待十秒，机器语音播报Enter Factory mode后，再按一下配网键，此时机器亮粉色灯，同时2个边刷和中扫电机都在转动；
Wait for 10 seconds until you hear the robot says *Enter Factory mode*, please press the **Start/Stop button** on the surface of the robot again, and the indicator light turns to pink, the side brushes and main brush motor start to rotate at the same time.



4. 此时打开笔记本电脑找出扫地机发出来的HXFactory-XXX-XXX-XXX热点进行连接匹配，匹配上以后，双击打开已解压到桌面上的50021004xxx--程序（桌面也就是C盘）

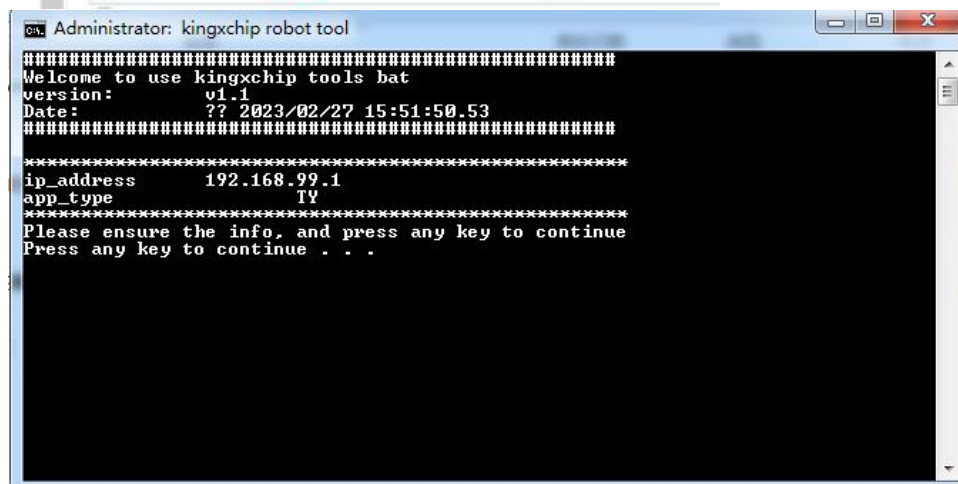
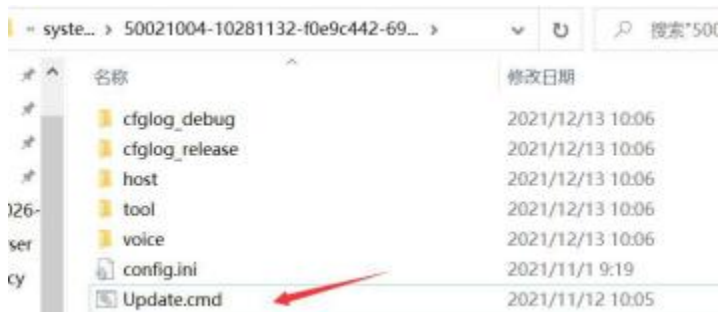
Next, use your Laptop to find the Wi-fi with a name *HXFactory-XXX-XXX-XX.*, connect your Laptop to the Wi-fi. Please enter the folder *50021004xxx* on the desktop (*C:*), and find the right package (EXVAC880 and EXVAC890 had different packages)



5. 选择update.cmd，打开程序以后就会出现一个对话框；

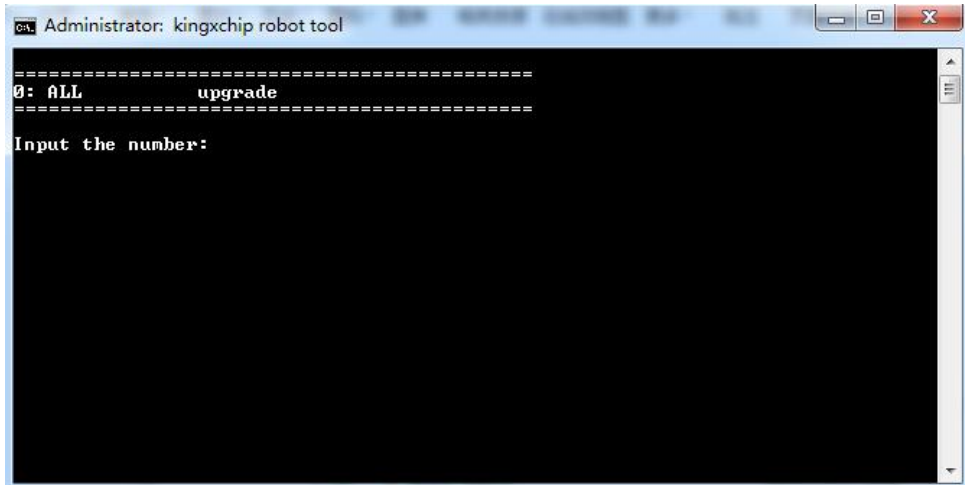
Then find and double click to open the *update.cmd*. It will display a dialog box like below.

Please follow the instructions on the screen.



6. 提示按任意键继续，代表着随便按一下电脑键盘上的任何一个键，此时会出现下面一个对话框；

Press **ANY KEY** to continue, the dialog box shows Input the Number:



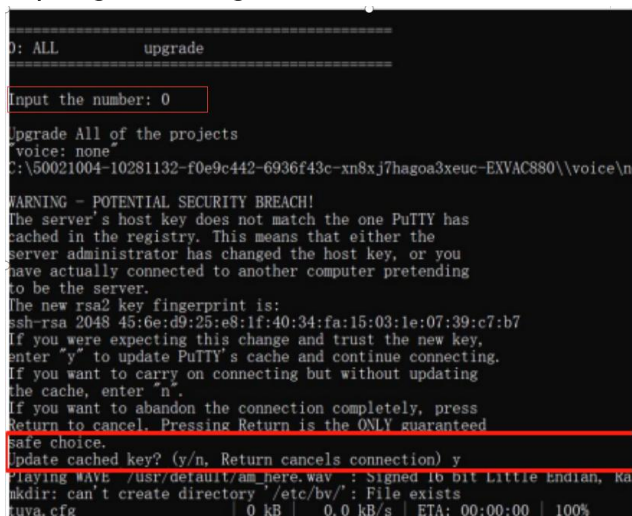
7. 对话框里面提示输入阿拉伯数字0，再按一下Enter键，烧录过程中会提示y/n，选择y，再输入Enter键，此时扫地机会发出语音，I' m here,进入自动烧录程序中；

Input *0*;

Press *Enter*, it displays *y/n*;

Please continue to input *y* and *Enter*;

You will hear a voice from the robot saying *I' m here*, the robot starts firmware reprogramming.



8. 直到最后对话框里面出现Firmware Uploading succeeded这个提示代表烧录程序完成，稍等一会儿，此时机器会自动重启。代表着烧录程序最终结束。

The reprogramming finishes when it reads *Firmware Uploading succeeded*. Please wait for 10 seconds, the robot will restart automatically. The reprogramming on the computer completes.


```
kill: you need to specify whom to kill
kill: you need to specify whom to kill
dfu_shuttle | 103 kB | 103.7 kB/s | ETA: 00:00:00 | 100%
fw_hx_x500_5002-28-b836c5 | 99 kB | 99.8 kB/s | ETA: 00:00:00 | 100%
killall: bvrobot: no process killed
file Path : /mnt/UDISK/stm/fw_hx_x500_5002-28-b836c5ee.hxfw
serial port : ttyS2
sync...
SYNC success
Found ldevice
Device #0
Device ID=503
Device Readable=0
Device Writable=1
Device SizeOfCode=227228
Device SizeOfDesc=100
BL Version=4
FW CRC=1738430464
NEW FIRMWARE CRC=3783045663
Erasing memory...
UPLOADING[=====] 100% Firmware Uploading succeeded
boot system..
FATAL ERROR: Network error: Software caused connection abort
```

9. 关闭扫地机，长按配网键3-5s手指不要松，同时打开扫地机物理开关，等待配网键红白灯交替闪烁后，松开手指，此时过一会儿，机器会播报语音Enter Factory mode提示音，再按一下配网键，此时配网键指示灯变成粉色灯，边刷和中扫都转动起来，代表进入拉取UUID；
Turn off the robot (by the [Switch on/Off button](#) on the right side);
Long press the [START/STOP button](#) for 3-5s and turn on the right side physical button (Switch On/Off Button) **at the same time**;
Only release the [START/STOP button](#) after the indicator blink in **red and white**;
After you hear the robot says *Enter Factory mode*, press the Start/Stop button again and the indicator light will turn in **pink**, with all brushes working.



10. 此时打开手机，关闭手机里面Wlan，利用本身手机的流量，手机账号设置为HXFactory，密码是：mimashi123，（其中”HXF”为大写字母开头，其余都小写），机器会自动感应到手机里面设置的个人热点，预计1min内听到机器播报中文语音，WiFi检测成功，代表拉取UUID成功，没有听到播报改中文语音，代表不成功，需要重新操作该步骤；

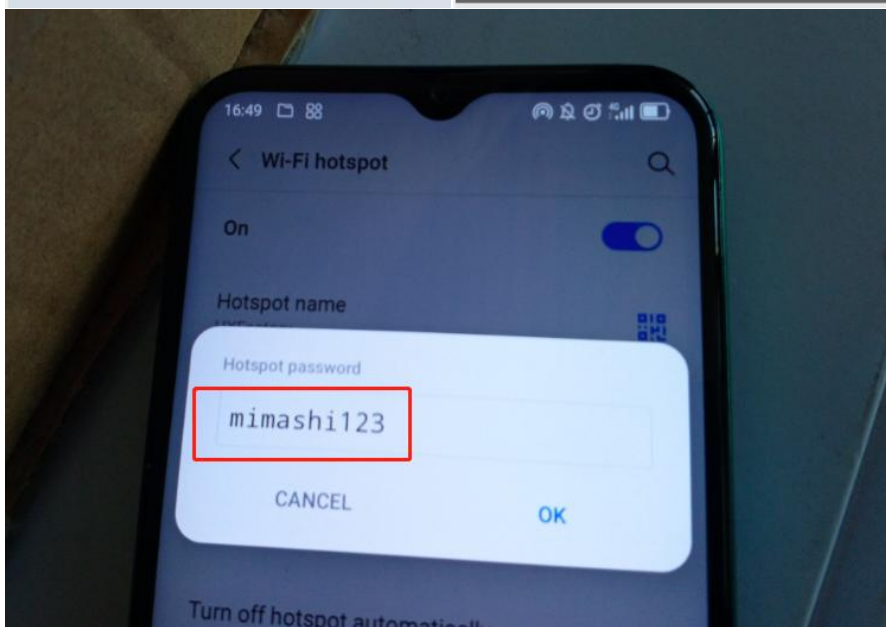
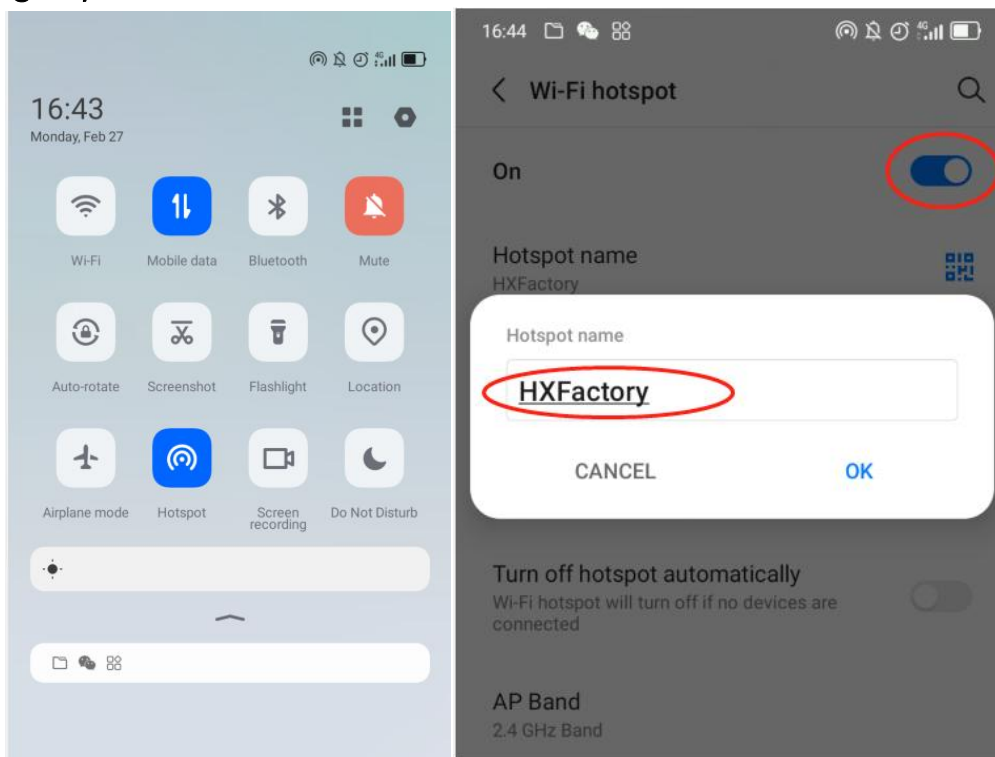
Turn off your WLAN network on your cellphone;

Set your mobile phone hotspot as *HXFactory*, set the password as *mimashi123*

The robot will connect to your phone hotspot network automatically;

Wait for 30 seconds to 1 minute until you hear the robot says *WIFI jian ce chen gong* in Chinese. (If no voice, please try again from first the step);

Please turn off the robot (Switch On/Off Button at the right side) and turn it on again, prepare it for APP connection (The robot must be turned off and turned on once again).

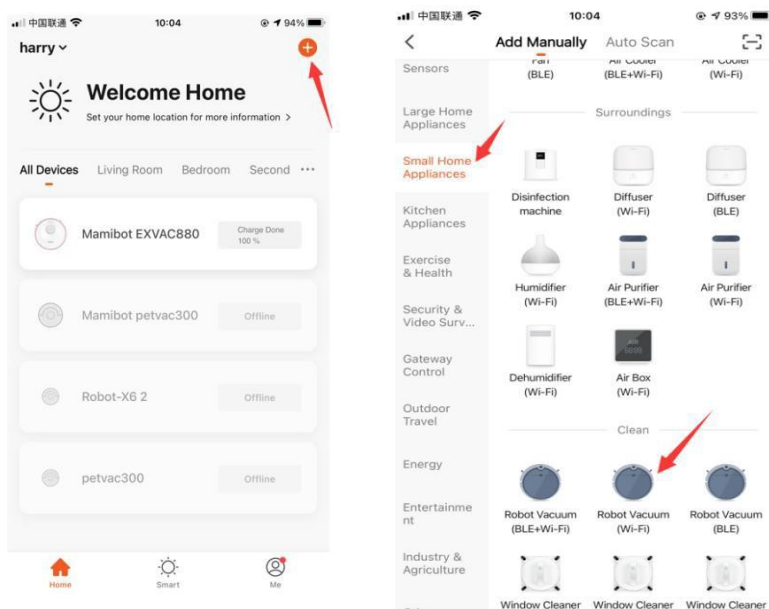


Smart Mamibot/Tuya App 连网步骤如下
Steps for connecting to WIFI on Smart Mamibot

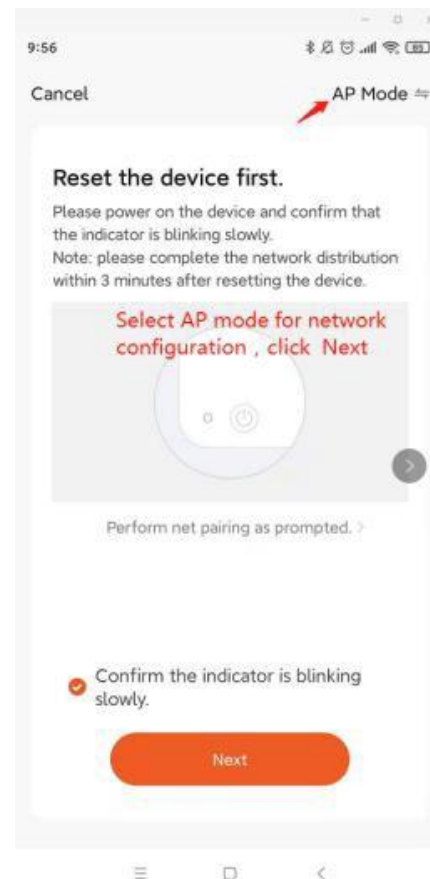
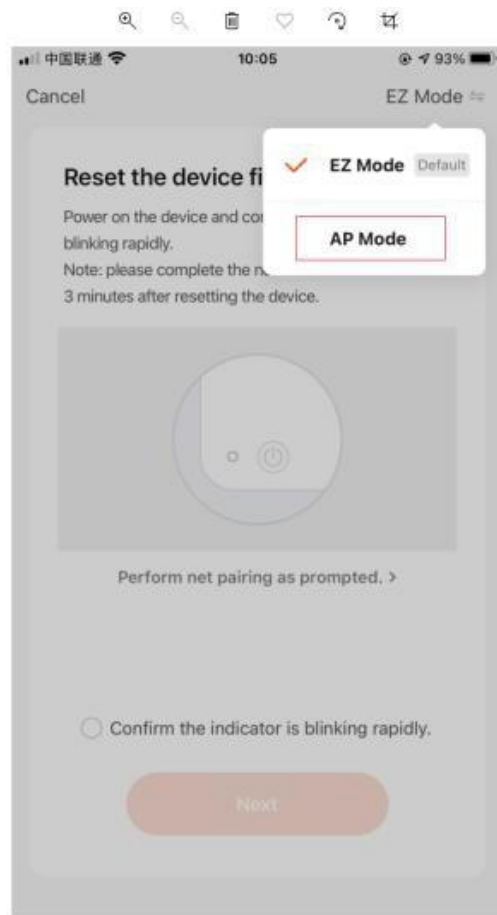
1. Google Home 搜索下载Smart Mamibot;
Search in *Google Home* /Appstore and download *Smart Mamibot*.



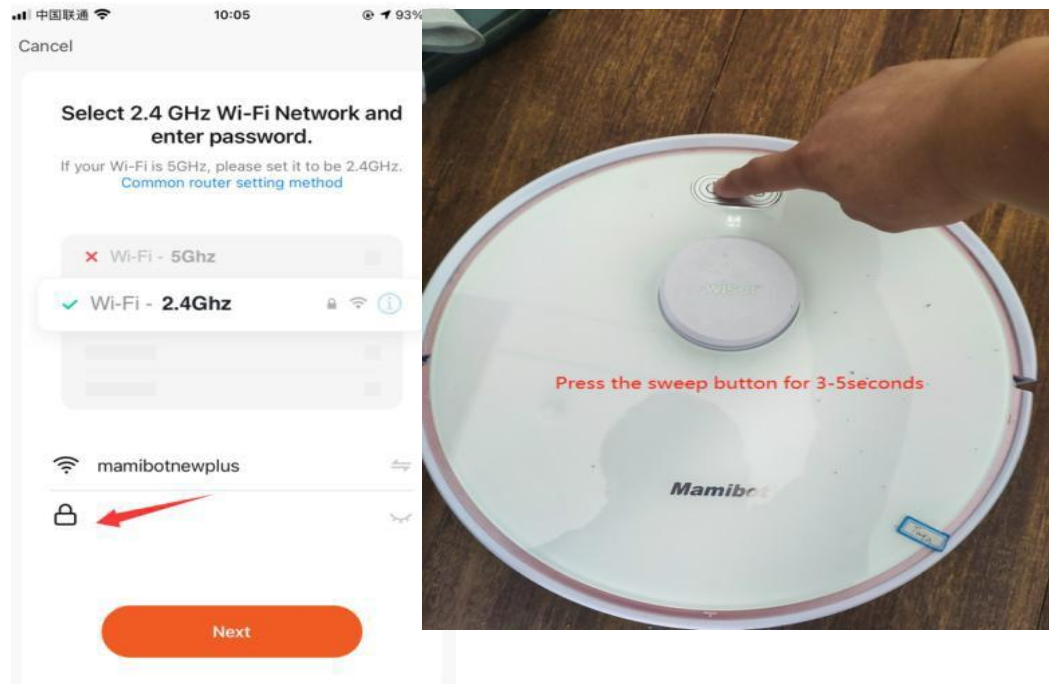
2. 手机提前连接好家庭里面Wlan，注册Smart Mamibot APP账号、密码以后，打开APP，点击右上方“+”位置，找到Small Home Appliances选项里面Robot Vacuum (WiFi)
Open your APP and apply for an account. Please click the + on the upper right, find and choose the *Robot Vacuum (Wi-Fi)* in the *Small Home Appliances*.



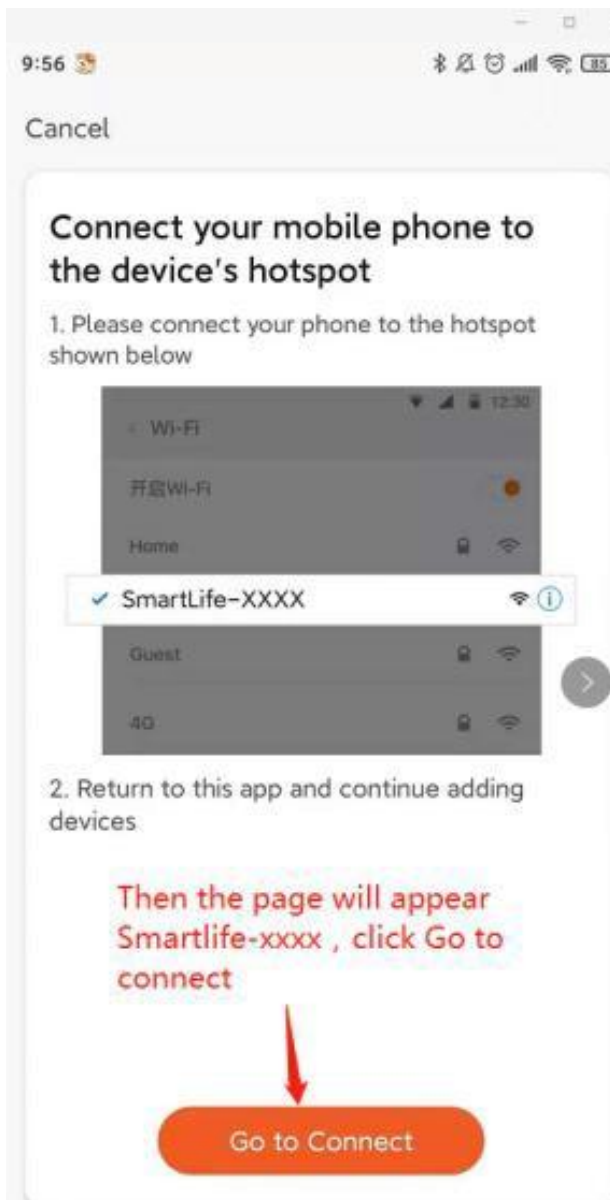
3. 刚开始页面是默认EZ-Mode，需要在该处切换选择AP-Mode热点进行配网，点击Next。
The default mode is EZ-MODE, but you need to Choose *AP mode* and click *Next* to connect to your robot.



4. 此时会弹出需要输入家庭里2.4Ghz网络的账号和密码进行和扫地机配网，点击Next；
Input your home WI-FI network account and password and click *Next*.
Attention, it only works with 2.4Ghz network.
Long press the *Start/Stop Button* for 3-5 seconds to start network configuration



5.此时出现下面图标，点击Go to Connect，选择手机Wlan里面SmartLife-XXX热点进行配网；
Please click *Go to Connect*. Find and choose *SmartLife-XXX* network for connection.



6.等待扫地机配网成功，点击右上角” Done 即可出现连上网络以后的扫地机APP主页面，代表连网成功；

Follow all instructions on the APP until wi-fi connection connected successfully.

