

Lesson 7 Raspberry Pi WLAN Connection

1. LAN Mode Introduction

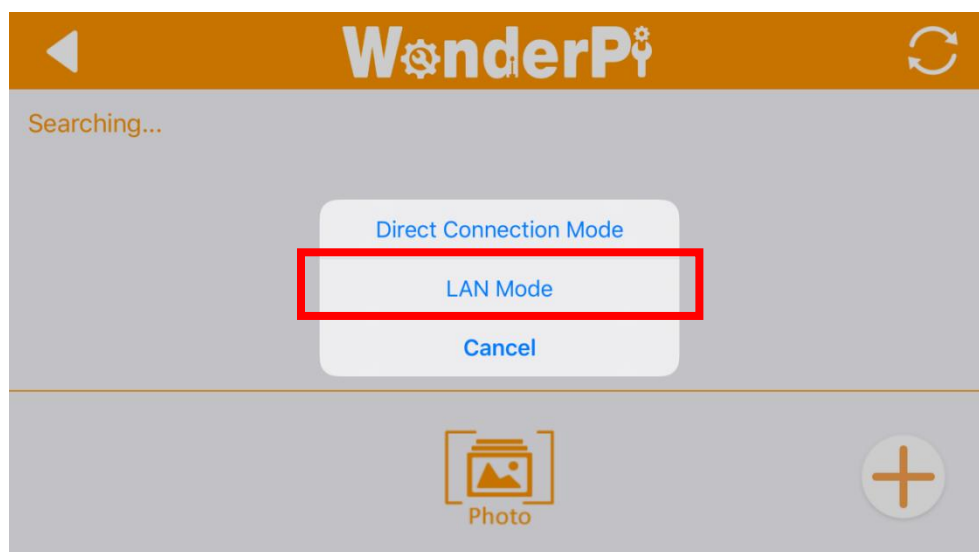
Local Area Network (LAN) mode is to connect to the wireless router which is more complicated and cannot coexist with the direct connection mode. To return to direct connection Mode, you can long press KEY1 on the expansion board until LED2 flashes.

This section takes the iOS version as an example. The operation steps are applicable to the Android version.

Before starting, please turn on the robot.

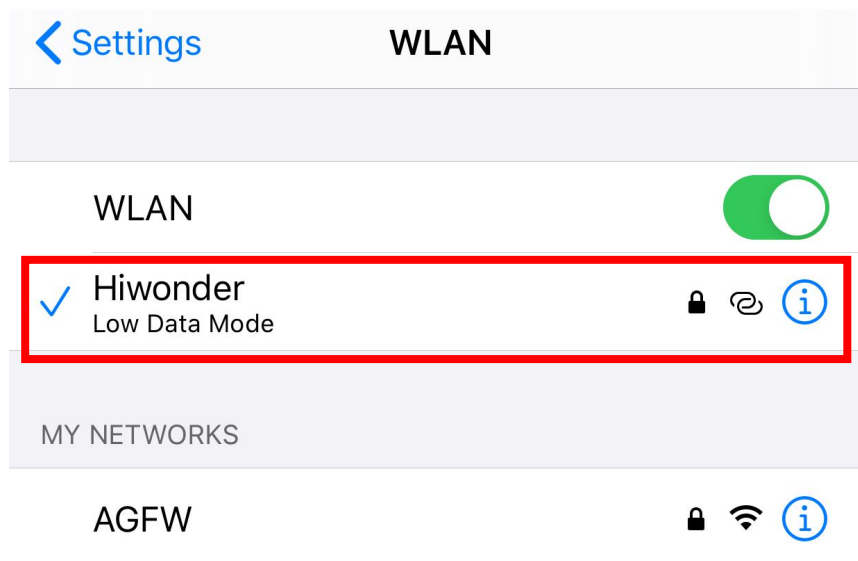
2. LAN Mode Connection


1) Disconnect the hotspot under direct connection mode. Open WonderPi, click “+” button to choose the “LAN Mode”. Then follow the interface prompts to set up Wi-Fi connection.

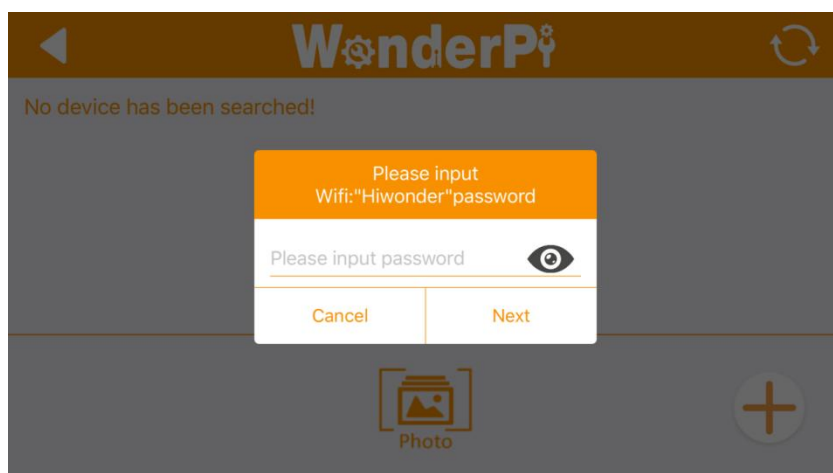




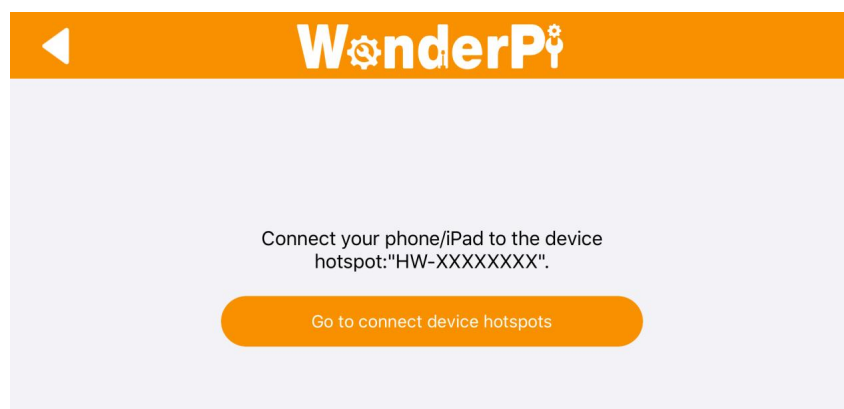
2) Click the Wi-Fi to connect (take “Hiwonder” as example).



3) After completing the connection, return to the APP, click  button to to choose the “LAN Mode”. Enter the password of the connected Wi-Fi (if prompt does not pop up, click "LAN Mode" again), and then click "Next". (Please enter the password correctly otherwise the connection will fail)



4) According to the APP prompt, go to the settings again to connect to the hotspot named with the first letters "HW".



5) After connecting to the hotspot, you will find that the APP is connecting automatically. During the connection process, if you are prompted whether to join, click "Join".





6) After a while, it will back to the APP interface and the LED2 on the expansion board will stop flashing and remain on as LED1, which means that the Raspberry Pi is connected to the Internet successfully.



7) You can long press the robot icon in the APP to check the IP and ID.

