

RAK475/477 Use Guidance

Configuring the Module to the Router via the Configuration Tool

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1. Configuring the Router via Web

1.1 Overview

This section describes how to configure the RAK475/477 module to a specified router using the RAK47XConfigure software when the module is in AP Mode.

1.2 Operating Introduction

Tips:

- 1.This demo is done on the RAK477 development board.
- 2.The module in this demo is under factory settings.
- 3.In this demo, you need to install the RAK47XConfig app on your phone. Please go to the official website of RAK to download the installation package and install the app.
- 4.This configuration method applies to both the RAK475 and RAK477 modules, so here we take RAK477 for example, and we will illustrate the difference between the two when needed.

1.3 Steps

- 1) Once the RAK477 board powers on, the phone will discover a hot spot named **RAK477_AP_XXXXXX** (xxxxxx is the last six digits of the MAC address of the Wi-Fi module). Connect the phone to the hot spot, and the **Link indicator** light on the development board will stay solid.



Figure 1-1: Factory AP

- 2) Open the RAK47XConfigure software on the phone and select **RAK477** as the Wi-Fi module.

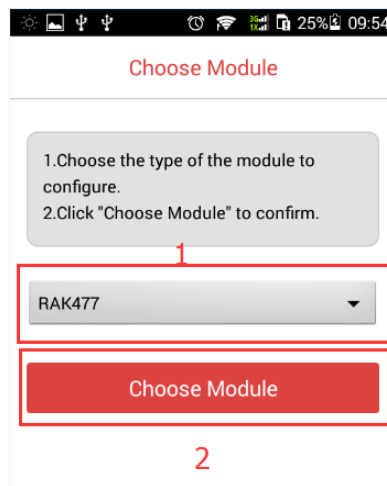


Figure 1-2

3) Enter **Config** and select **APConfig**



Figure 1-3

Once selected, tap NEXT.

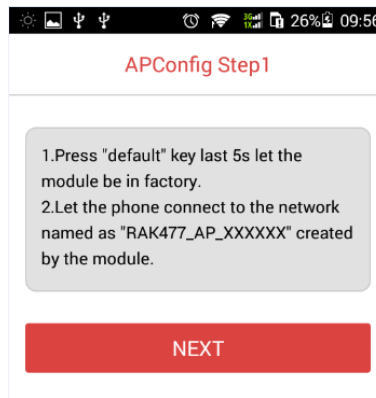


Figure 1-4

4) Select the name of the wireless network that the Wi-Fi module needs to connect to; enter the password for the wireless network and tap **Connect**. The module will automatically connect to the wireless network once the above steps are completed:

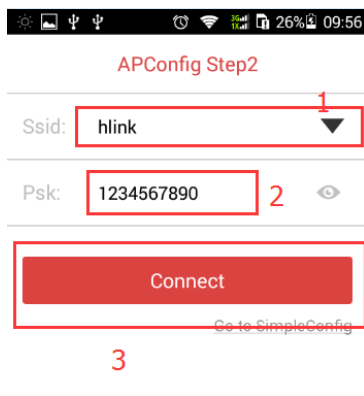


Figure 1-5

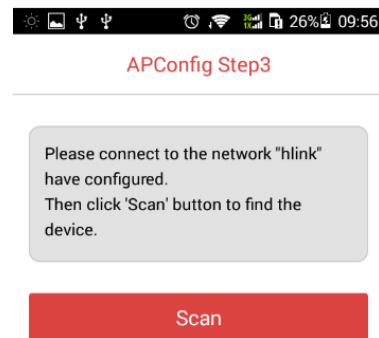


Figure 1-6

5) ; After completing the above steps, connect the phone to the router that the module was configured to. Tap the **LocalScan** button to scan for module: If the configured module can be found and its info can be obtained as shown in Figure 1-8, the configuration was successful. Otherwise, the configuration was not successful, and you need to restore the module to its factory settings before repeating the above configuration steps.

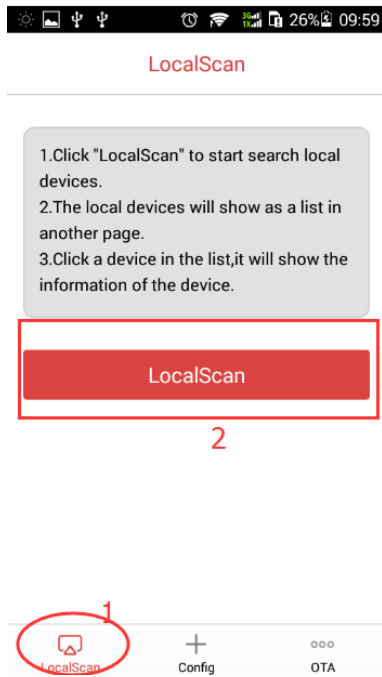


Figure 1-7

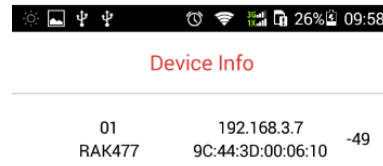


Figure 1-8

Version

Version	Author	Date	Content modification
V1.0	Wenyong Tang	2016/12/06	Create a document