

RAK475/477 Use Guidance

Discovering the Module on the LAN

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1. Discovering the Module on the LAN

1.1 Overview

This section describes how to use the RAK47X Config Tool installed on the phone to discover the module on the LAN. This method applies to both the RAK475 and RAK477, so here we take RAK475 for example, and we will illustrate the difference between the two when needed.

1.2 Operating Introduction

Tips:

1. This demo is done on the RAK475 development board.
2. The module in this demo is under factory settings.
3. This method applies to both the RAK475 and RAK477, so here we take RAK475 for example, and we will illustrate the difference between the two when needed.

Please keep in mind the abovementioned points, for they will not be mentioned later.

1.3 Operating Steps

1. The module can be found either in AP Mode or STA Mode; please refer to the method in RAK475(477) Use Guidance One-Key Configuration Router” “RAK475 Use Guidance Configure the Router with WPS” “RAK475 Use Guidance Configure the Router on the Web Page” “RAK475/477 User Guide - Configuring the Module to the Router via the Configuration Tool” to set up an AP or configure the module to the specified router.
2. If the module is in AP Mode, you need to connect the phone to the module’s AP; if the module is in STA Mode, you need to make sure that the phone and module are connected to the same network before conducting **Local Scan**. The RAK475 demonstrated here is in AP Mode.
3. After connecting the phone to the module’s AP, open the RAK47X Config Tool and select the module as **RAK475**. Tap **Choose Module** to confirm the selection, and then tap **LocalScan** to start scanning. We can see the IP address and MAC address of the module after it is successfully discovered.

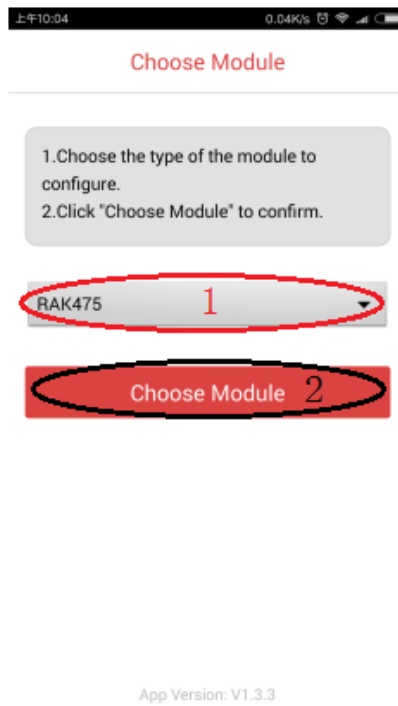


Figure 1-1 RAK47X Config Tool Module Confirmation

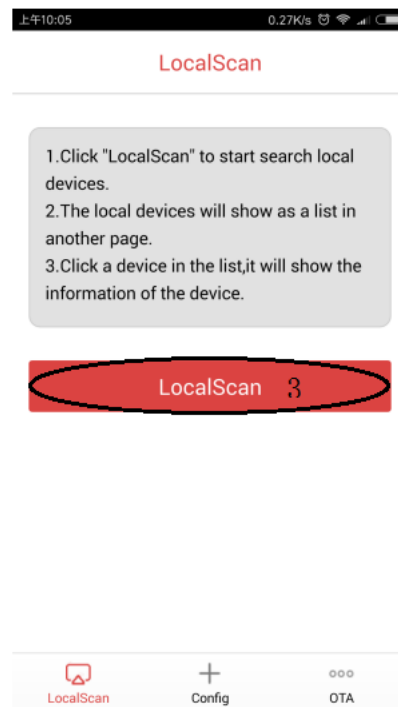


Figure 1-2 Start Scanning

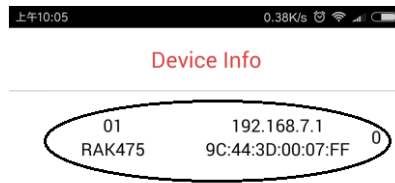


Figure 1-3 Scan Result

Version

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