RANGEXTD

USB-WiFi Repeater

Quick Installation Guide

V3

Introduction

The RangeXTD USB WiFi Repeater can be used for extending WiFi service in big areas for home and commercial use. It can take an existing 802.11n wireless signal of your wireless router to repeat and extend its range. RangeXTD supports 2.4G wireless network connection, and it can support 2.4G transmission speeds of up to 300Mbps.

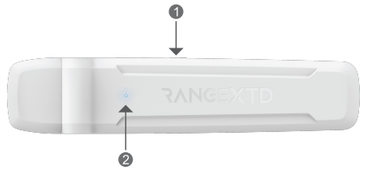
Package Contents

- 1 x RangeXTD WiFi Repeater (the device)
- 1 x Quick Installation Guide

Hardware Overview

Default Parameters

URL: **192.168.7.234**
Login Password: **admin**
WiFi SSID: **RANGEXTD**
Wi-Fi Key: **none**



1. WPS/Reset Button
   Press **6** seconds, **reset** the device
   Press **1-2** seconds, connect to your AP/Router
   WPS for client connection, not supported
2. Status LED
   ON: The device is power on, working properly
   OFF: The device is not receiving electrical power
   Slow Flashing: The device network is disconnected
   Fast Flashing: The device WPS connecting to your AP/Router

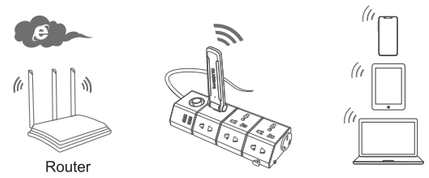
Getting Started

Setting up a Wireless Infrastructure Network

For a typical wireless setup at home (as shown below), please do the following:

Wireless Repeater Mode

The Device copies and reinforces the existing wireless signal to extend the coverage of the signal. This mode is especially useful for a large space to eliminate signal-blind corners.
This mode is fit for a large house, office, warehouse or other spaces where
the existing signal is weak.



Configure the WiFi Repeater Mode

Configure the Wi-Fi Repeater Mode with WPS Button

This is the easiest way to configure the device. First, check whether your wireless router supports WPS. For further details, please read the operating instructions for your wireless router.

Tips: If you want to keep the stable connection between your router and our repeater at REPEATER mode, Please install our Repeater at a suitable position. You can check the suitable position as the followings: You can check the Wi-Fi signal on your smartphone, if the signal is below 2 levels, we suggest to change the location of our repeater.

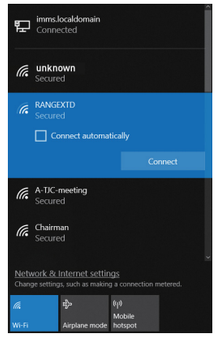
1. Plug the device into a USB power socket.
2. Press the WPS button on the device for **1-2** seconds.
3. The WPS LED fast flashing for approx. 2 minutes.
   Within these 2 minutes, please press the WPS button of your wireless router directly for **2 - 3** seconds. (For further details, please read the operating instructions for your wireless router.)

The device then automatically connect to your wireless router and copies wireless key of the settings. The device Wi-Fi Password same your AP/ Router.
After the reboot has been completed, please go to your device WLAN setting, connect to new SSID.

A. Configure the WiFi Repeater Mode wirelessly

A1. Plug the device into a USB power socket.

A2. Click on the network icon (or) on the right bottom of your desktop. You will find the signal from the RANGEXTD. Click on 'Connect' then wait for a few seconds.

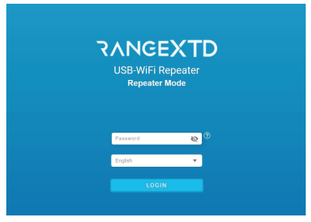


A3. Open web browser and type **192.168.7.234** in the browser address box. This number is the default IP address for this device.
*Turn off AD Blockers

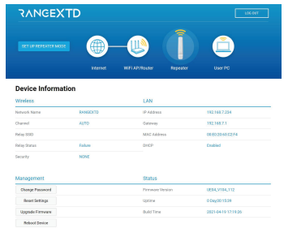
Resetting the RANGEXTD Repeater

Please check whether the Device accord with factory default setting once you can't entered 192.168.7.234. Press and hold the Reset button for 6 seconds or until the indicator turns off. After you reset your RANGEXTD Repeater, unplug the RANGEXTD Repeater for 6 seconds. Plug it back in and wait about 30 seconds, then check your WiFi network for the network called “RANGEXTD” on your computer or mobile device.

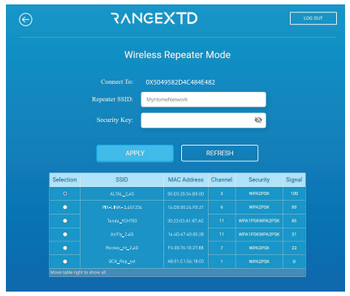
A4. The login screen below will appear. Enter the Password then click **“Login”** to login. The default Password is **“admin”**.



A5. After logging in, you will see the web page below, click on the **“Repeater”**.



A6. From the list, select a WiFi SSID. After having selected a WiFi SSID, you must then specify the password of your wireless router.

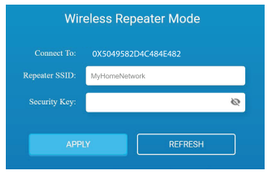


Completing the entry, click on the **"Apply"** button.

After the reboot has been completed, please go to your device WLAN setting, connect to new WiFi SSID.

Management Via Web Browser

Wireless Base Configuration
Please follow the following instructions. Click **"Repeater"** located at the web management interface, the following message will be displayed on your web browser: You could configure the basic setting of Wireless settings for communication, such as Network Name (SSID) and Channel. The Access Point can be set simply with only the minimum setting items.



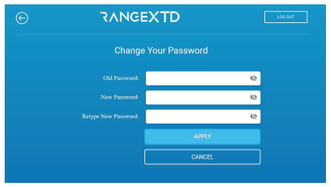
Wireless Status	Wireless On/Off
SSID	Wireless SSID of the device
Authentication Mode	Setup the Wireless security and encryption to prevent from unauthorized access and monitoring. Supports WPA, WPA2, WPA/WPA2 encryption methos.
Security Key	The "Password" of the Device.

Click **"Apply"** button, The device will restart.

Change Management Password

Default password of the device is **"admin"**, and it's displayed on the login prompt when accessed from web browser. There's a security risk if you don't change the default password, since everyone can see it. This is very important when you have wireless function enabled.

To change password, please follow the following instructions:
Please click **"Management"** menu on the management setting interface, the following message will be displayed on your web browser:



Click **"Apply"** button, The Device will log off.
If you forgot your existing password, you can reset the password by clicking the **reset button** on the side of the device.

Firmware Upgrade

The system software used by this router is called **"firmware"**, just like any applications on your computer, when you replace the old application with anew one, your computer will be equipped with new function. You can also use this firmware upgrade function to add new functions to your router, even fix the bugs of this router.

Please click **"Upgrade Firmware"** located at the management setting interface, and then the following message will be displayed on your web browser:

Click **"Browse ... "** or **"Choose File"** button first; you'll be prompted to provide the filename of firmware upgrade file. Please download the latest firmware file from our website, and use it to upgrade your router.

After a firmware upgrade file is selected, click **'Upload'** button, and the device will start firmware upgrade procedure automatically. The procedure may take several minutes, please be patient.

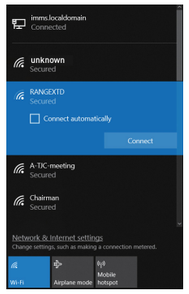
NOTE: Never interrupt the upgrade procedure by closing the web browser or physically disconnect your computer from the device. If the firmware you uploaded is interrupt, the firmware upgrade will fail, and you may have to return the device to the dealer of purchase to ask for help.

Warranty voids if you interrupted the upgrade procedure.

How to connect your computer/laptop with the device

Adding a Wireless computers to the device

1. Log on to the computer.
2. Open Connect to a Network by right-clicking the network icon (or) in the notification area.
3. Choose the wireless network from the list that appears, and then click **Connect.**
4. Type the network security key or passphrase if you are asked to do so, and then click **OK.** You'll see a confirmation message when you are connected to the network.



5. To confirm that you added the computer, do the following: Open Network by clicking the **Start** button), and then clicking **Control Panel. I**n the search box, type **network**, and then, under Network and Sharing Center, click **View network computers and devices.** You should see icons for the computer you added and for the other computers and devices that are part of the network.

   Note: If you don't see icons in the Network folder, then network discovery and file sharing might be turned off.

For more information:

http://windows.microsoft.com/en-US/windows7/Add-a-device-or-computer-to-a-network
http://windows.microsoft.com/en-US/windows7/Setting-up-a-wireless-network
http://windows.microsoft.com/en-US/windows-vista/Setting-up-a-wireless-network

Having difficulties setting up your device? We are here to help!

Please visit https://support.myrangextd.com/ or scan the below QR code for any urgent inquiries!

IC: 27073-30252 HVIN: 30252
ISED Statement
This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device. The digital apparatus complies with Canadian CAN ICES-3 (B)/NMB-3(B).

This radio transmitter has been approved by Industry Canada to operate with the antenna types listed with the maximum permissible gain indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Le présentappareilestconforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitationestautorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareildoit accepter tout brouillageradioélec triquesubi, mêmesi le brouillageest susceptible d'encompromettre le fonctionnement.

Le présent émetteur radio a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal. Les types d'antenne non inclus dans cette liste, et dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

CE

FCCID: 2AVK9-30252
FCC Warning
This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any inte rference received, including interference that may cause undesired operation.
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

WEEE Directive & Product Disposal

At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.