

TP-LINK Wi-Fi Extender TL-WA854RE

Quick Installation Guide

This chapter will guide you to configure your PC to communicate with the Range Extender and to configure and manage the TL-WA854RE 300Mbps Universal Wi-Fi Range Extender easily with a Web-based utility.

With a Web-based utility, it is easy to configure and manage the TL-WA854RE 300Mbps Universal Wi-Fi Range Extender. The Web-based utility can be used on any Windows, Macintosh or UNIX OS with a Web browser, such as Microsoft Internet Explorer, Mozilla Firefox or Apple Safari.

1. To access the configuration utility, open a web-browser and type in the domain name *http://tplinkextender.net* in the address field of the browser.

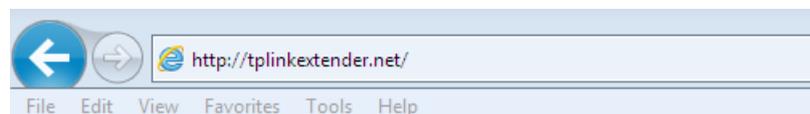


Figure 3-1 Login to the Range Extender

After a moment, a login window will appear as shown in Figure 3-2. Enter **admin** for the User Name and Password (both in lower case letters). Then click **OK** or press Enter.



Figure 3-2 Login Windows

Note:

If the above screen does not prompt, it means that your web-browser has been set to a proxy. Go to **Tools menu>Internet**

Options>Connections>LAN Settings, in the screen that appears, cancel the **Using Proxy** checkbox, and click **OK** to finish it.

2. After successful login, there will pop up the **Quick Setup Start** page. Click **Next** to get the quick setup started.



Start Choose Region Wireless Settings Review Settings

Main Router/AP WiFi Network Name(SSID):

Connection Status: Disconnected

The Range Extender doesn't extend any WiFi network yet.
Please click Next to set up the Range Extender or click Exit to go to the Device Management Page.

Exit Next

Figure 3-3 Quick Setup Start

Note:

If you are not to go through the Quick Setup right away, you can click **Exit** and enter the main menu of the device.

3. Figure 3-4 will appear for you to choose the region. Select **Cyprus** as region and then click **Next** to continue.



Start Choose Region Wireless Settings Review Settings

Operation Mode: Range Extender

Region: Please Select Your Country/Region

Please select your own region in the drop-down list to prevent from the illegal usage beyond the local law.

Back Next

Figure 3-4 Quick Setup – Choose Region and Mode

4. The device will detect the existing network. Please wait for a while.



Figure 3-5 Quick Setup – Detect Existing Network

5. A list of available wireless network will appear. Check the box before the SSID of your desired network, and then click **Next**.

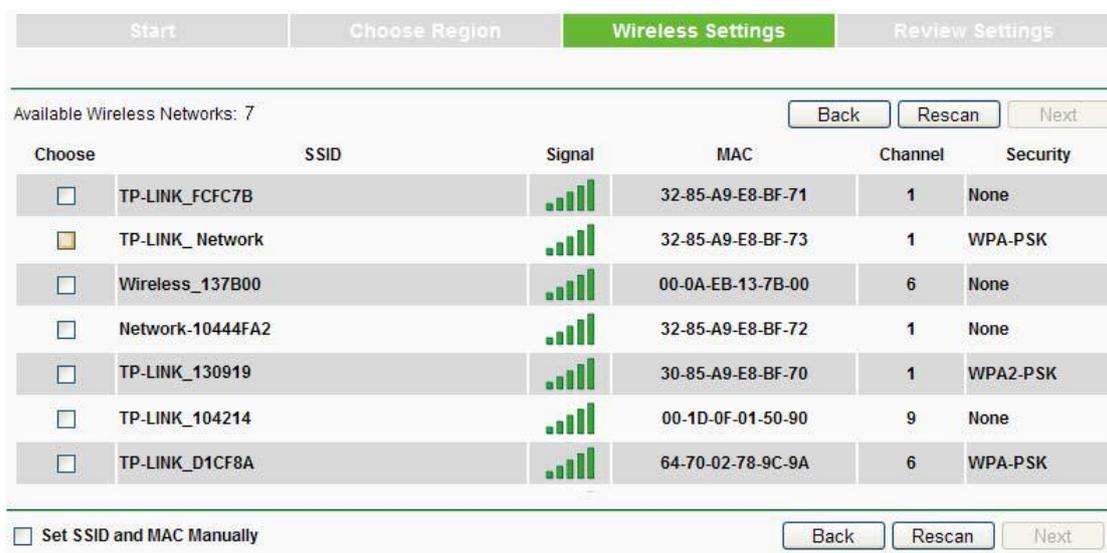


Figure 3-6 Quick Setup – Available Wireless Networks

Note:

If you could not find your wireless network name (SSID) in the list, you can click **Rescan** to redetect it or tick the checkbox before "Set SSID and MAC Manually" to manually configure the wireless settings.

6. Wireless Settings page will appear as shown in Figure 3-7. Enter the Wi-Fi Password of your main router/AP, name your range extender Wi-Fi network or keep it default, and then click **Next** to continue.

Start	Choose Region	Wireless Settings	Review Settings
Main Router/AP WiFi Network Name(SSID):		TP-LINK_Network	
Main Router/AP MAC Address(BSSID):		94-0C-6D-2F-3C-BE	
WiFi Security Option:		Most Secure(WPA-PSK/WPA2-PS) <input type="button" value="v"/>	
Fill in the WiFi Password of your Main Router/AP:			
Range Extender WiFi Network Name(SSID):		<input checked="" type="radio"/> Copy from Main Router/AP <input type="text" value="TP-LINK_Network"/>	
		<input type="radio"/> Customize <input type="text"/>	
<input type="button" value="Back"/>		<input type="button" value="Next"/>	

Figure 3-7 Quick Setup – Wireless Settings

7. Double-check your wireless setting and network setting, when Figure 3-8 appears. If verified, click **Finish** to complete the Quick Setup. If there is anything wrong, click **Back** to return the previous pages and reconfigure it.

Start	Choose Region	Wireless Settings	Review Settings
<p>The Quick Setup configuration is finished. Please double check the settings below. If anything is wrong, please click "Back" to re-configure.</p>			
Wireless Setting			
Operation Mode:		Range Extender Mode 1	
Main Router/AP WiFi Network Name(SSID):		TP-LINK_Network	
Main Router MAC Address:		94-0C-6D-2F-3C-BE	
Range Extender WiFi Network Name(SSID):		TP-LINK_Network_EXT	
WiFi Security Option:		Most Secure(WPA/WPA2-PSK)	
WiFi PassWord:		751953852	
Network Setting			
Default Access:		http://tplinkextender.net	
Login Username:		admin	
Login Password:		admin	
<input type="button" value="Export Settings"/>		<input type="button" value="Back"/> <input type="button" value="Finish"/>	

Figure 3-8 Quick Setup – Review Settings

Note:

It's recommended to click the **Export Settings** button to save these settings as a txt file for your future reference.



Figure 3-9 Quick Setup – Applying

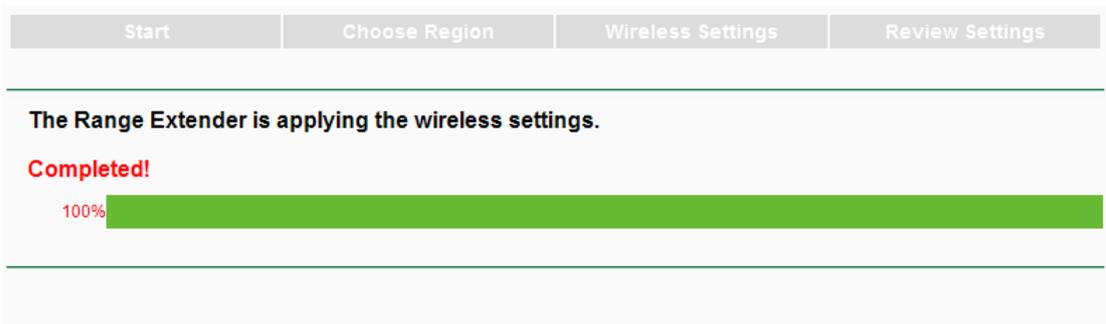
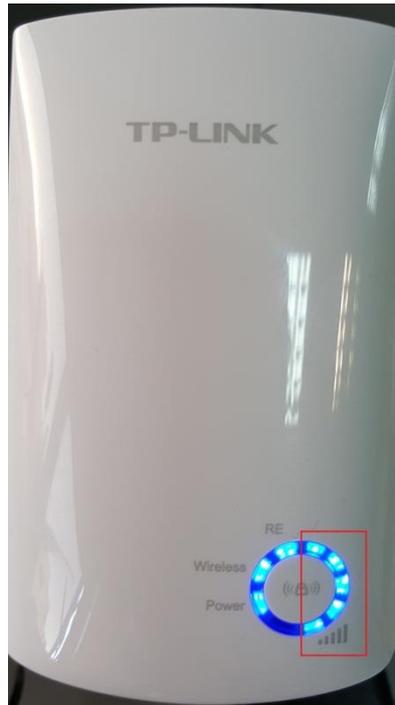


Figure 3-10 Quick Setup – Completed

8. After the reboot, we need to check whether the settings take effect, which is to check whether your TL-WA854RE has successfully been connected to your main Router/AP and can go to Internet successfully.

9. Check if the wireless signal LED lights of your Ranger Extender (shown as the picture below) are on, it means your Ranger Extender has been successfully connected to the main Router!

Note: If the wireless signal LEDs are still off, it means you haven't configured your TL-WA854RE correctly. In this situation, please repeat the steps above again. If there is still a problem, please feel free to contact TP-LINK tech support.



10. At last, you can put TL-WA854RE in a proper place where you want to extend the wireless network's coverage, and enjoy the extended wireless network