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.

Windows Security
The server tplinkextender.net at TP-LINK Wireless Range Extender WA854RE requires a username and password.
Warning: This server is requesting that your username and password be sent in an insecure manner (basic authentication without a secure connection).
admin etadomin etadomin
OK Cancel

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.

ain Router/AP WiFi Network Name(SSID): Connection Status: Disconnected e Range Extender doesn't extend any WiFi network yet. ease click Next to set up the Range Extender or click Exit to go to the Device Management Page.				n
Connection Status: Disconnected he Range Extender doesn't extend any WiFi network yet. lease click Next to set up the Range Extender or click Exit to go to the Device Management Page.	Nain Router/AP WiFi Network Name(SS	ID):		
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.	Connection Stat	us: Disconnected		
	The Range Extender doesn't extend any V Please click Next to set up the Range Ext	WiFi network yet. tender or click Exit to go to the	Device Management Page.	
			22 20 0	

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.

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

Figure 3-4 Quick Setup – Choose Region and Mode

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

		Wireless Settings	
The device is detecting	the wireless networks in	your neighborhood. Please	e wait a few seconds.
Detecting the existing w	vireless networks		
38%			

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**.

			N	/ireless Settings		
Available W	ireless Networks: 7			Ba	ck Res	an Next
Choose	S	SID	Signal	MAC	Channel	Security
	TP-LINK_FCFC7B		II	32-85-A9-E8-BF-71	1	None
	TP-LINK_ Network			32-85-A9-E8-BF-73	1	WPA-PSK
	Wireless_137B00			00-0A-EB-13-7B-00	6	None
	Network-10444FA2			32-85-A9-E8-BF-72	1	None
	TP-LINK_130919		II	30-85-A9-E8-BF-70	1	WPA2-PSK
	TP-LINK_104214			00-1D-0F-01-50-90	9	None
	TP-LINK_D1CF8A			64-70-02-78-9C-9A	6	WPA-PSK

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.

Main Router/AP WiFi Network Name(S: Main Router/AP MAC Address(BS: WiFi Security Op	SID): TP-LINK_Network SID): 94-0C-6D-2F-30 tion: Most Secure(ork C-BE WPA-PSK/WPA2-PS 💙	
Range Extender WiFi Network Name(S	SID): Copy from N Customize	lain Router/AP	TP-LINK_Network

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.

			Keview	settings
ne Quick Setup configuration is finished. ease double check the settings below. If anyt	ning is wrong, please cli	ick "Back" to re-configure.		
Wireless Setting				
Operation Mode:	Range Extender Mo	de 1		
Nain Router/AP WiFi Network Name(SSID):	TP-LINK_Network			
Main Router MAC Address:	94-0C-6D-2F-3C-BE	Ĕ		
ange Extender WiFi Network Name(SSID):	TP-LINK_Network_E	EXT		
WiFi Security Option:	Most Secure(WPAW	/PA2-PSK)		
WiFi PassWord:	751953852			
Network Setting				
Default Access:	http://tplinkextender.	net		
Login Username:	admin			
Login Password:	admin			
Export Settings		ſ	Back	Finis

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.

The Range Extender is a	applying the wireless set	tings.	
Please wait about one m	ninute		
22%			
	Figure 3-9 Quick	setup – Applying	
The Denge Extender is	annheine tha wiralaga act	ingo	
The Range Extender is a	applying the wheless set	ings.	
Completed!			
100%			

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