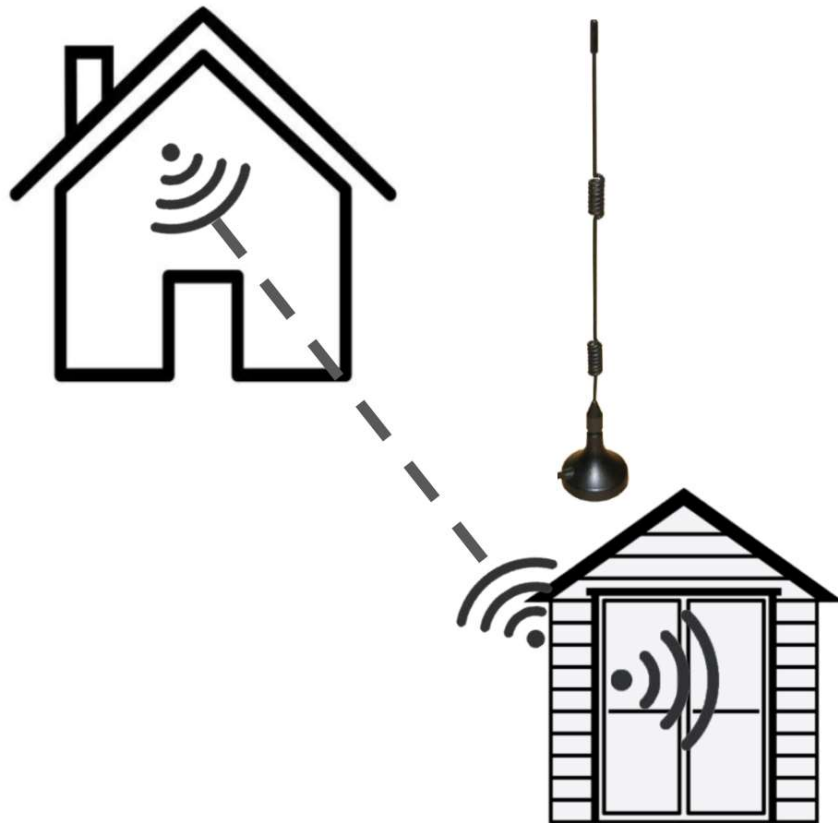**UBWH Australia**

Shed Link V2
Easy Setup Guide

V20230314

Latest Version of this document available at:
https://github.com/UBWH/ubwh.github.io/blob/master/assets/UserGuides
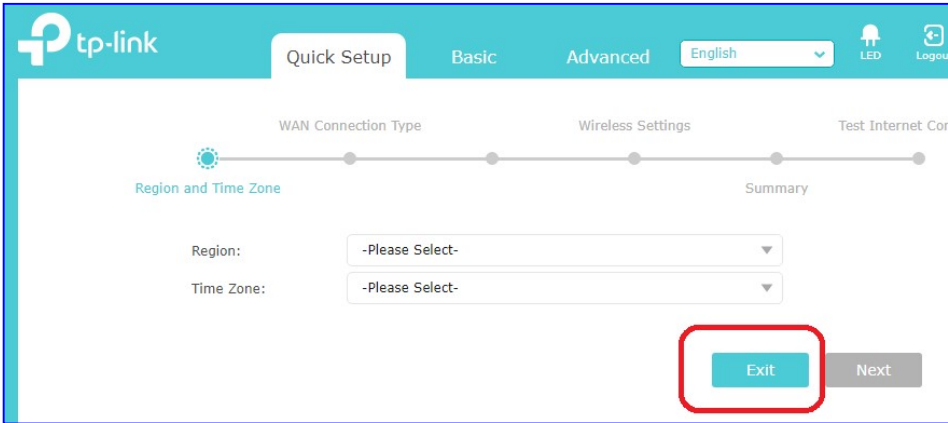
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1. Before You Start

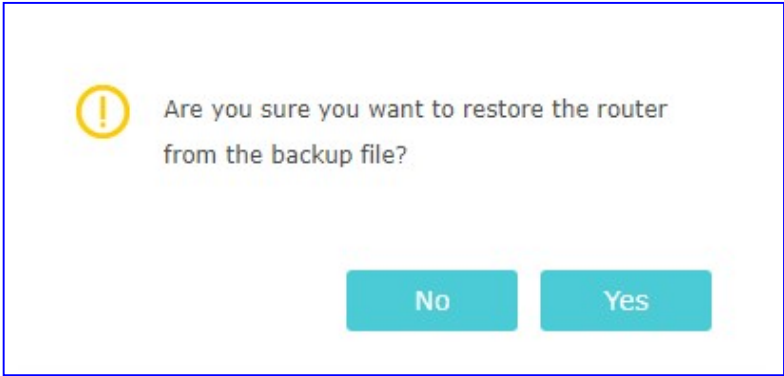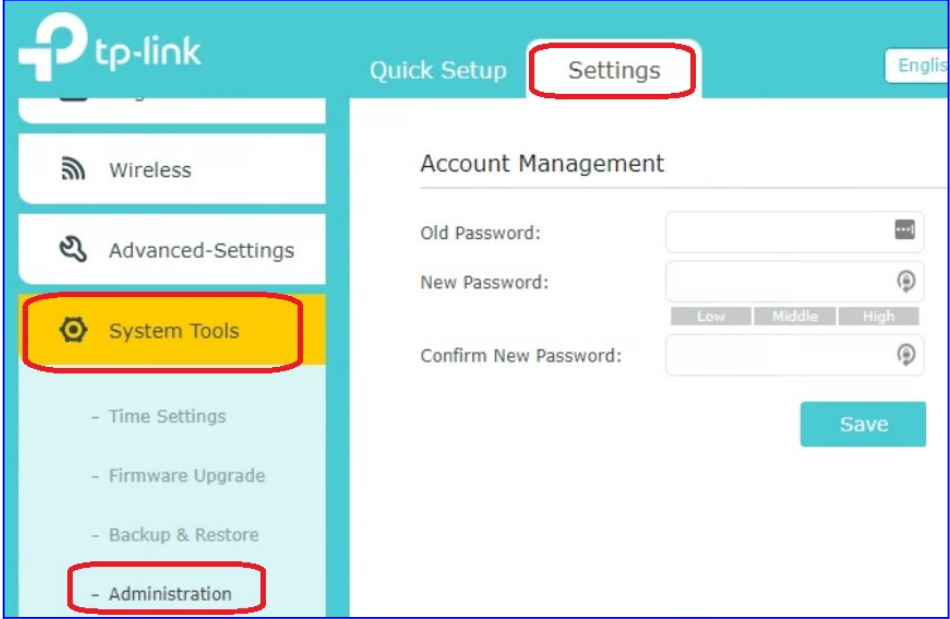|	
Decide device to configure the Shed Link unit	You will need one of these as your Configuration Device: 1. Computer/tablet with an Ethernet (LAN) connection ***Note: This is the easier option***, or 2. Computer/Tablet/Phone with WiFi
Download Shed Link configuration file	Using a web browser on your configuration device, download and save this file: `https://ubwh.com.au/documents/ShedLinkV2/ShedLinkV2-config.bin`
Locate the unit in the Home	Locate the unit in the ahome in a room where it: ● is on the side of the house closest to the shed, and ● will be able to connect to the existing Home WiFi signal.
Power the unit	Connect the power adapter and power up the unit.
Factory Default	The Shed Link unit must be in Factory Default state. If you are unsure: ● Wait until the LEDs on the front stabilise. Approx 30 sec. After power on. ● Using a straightened paper-clip (or similar), press and hold the Reset button on the rear panel, until the LEDs flash and turn off. Approx 10 sec.
Install ONE internal antenna	Install one of the internal (rigid) antennas in the LEFT-REAR antenna socket.
Know the WiFi credentials of your HOME WiFi	Write here the credentials of your existing (Home) WiFi: SSD (WiFi Name): _____ Password (PSK): _____

2. Step By Step - Configuration

Connect a PC	Connect your Configuration Device using one of these options. 1. **Cable**: Connect a LAN cable between the computer and the LAN port labeled **Ethernet 1** on the rear of the unit. 2. **WiFi**: Connect to via WiFi to the Shed Link unit using the SSID/Password written on the bottom of the unit. Ignore any messages you may see regarding no Internet connectivity. If using a mobile phone, turn off Mobile Data also.
Login	Launch a web browser and browse to: `http://tplinkwifi.net` Set a temporary password Click **Let's Begin** Note the new Temporary Password here: Temporary Password: _____.
No Quick Setup	Do NOT continue with Quick Setup Click **Exit**

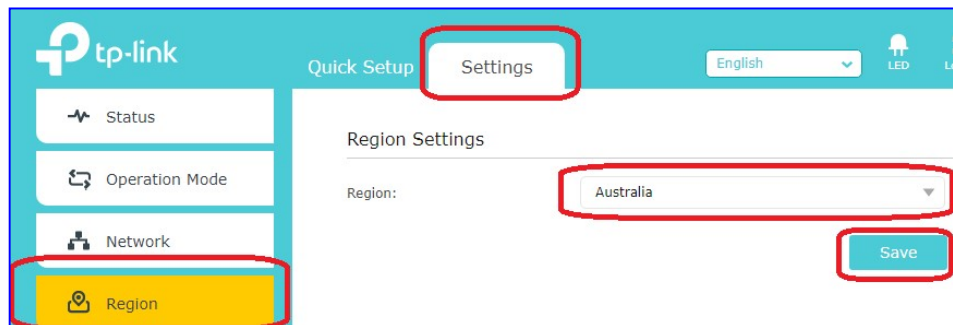|	
Load Config File	Click the **Advanced** tab Scroll down and click **System Tools** Click **Backup & Restore** Browse for the `ShedLinkV2-config.bin` file saved earlier. Click **Restore** Click **Yes**
Reconnect to WiFi	Skip this part if you are not connecting to the Shed Link unit via WiFi. On your configuration device connect to this WiFi network: WiFi Name: `UBWHshedlink` Password: `UBWHshedlink`

Login again	Browse to `http://tplinkwifi.net` Login with this password: **UBWHshedlink**
Change Shed Link unit admin Password	Click **Settings** tab Click **System Tools** Click **Administration** Enter: OldPassword: `UBWHshedlink` New Password: _____ Click **Save**

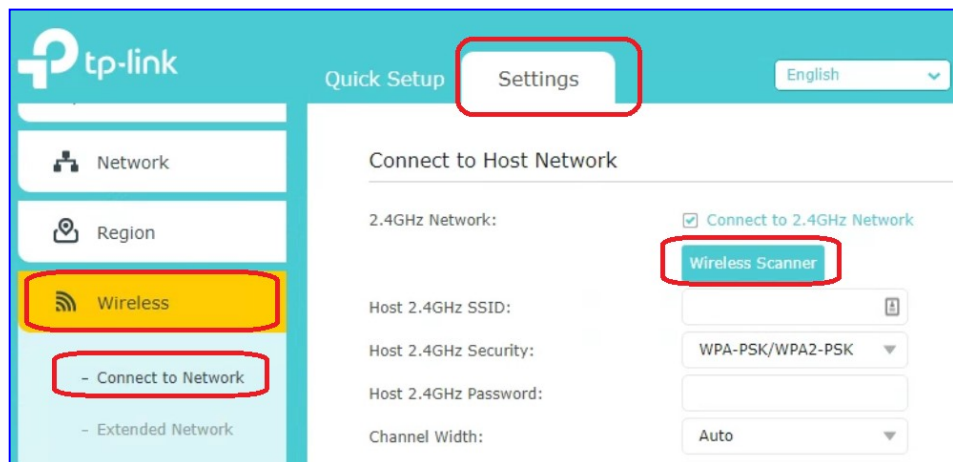|	
Check Region	Click the **Settings** tab Click **Region** Check/Edit your country/region Click **Save**
Connect to your Home WiFi Choose the line with the highest Signal strength	Click the **Settings** tab Click **Wireless** Click **Connect to Network** Click **Wireless Scanner** Identify your home WiFi network and click **Choose**

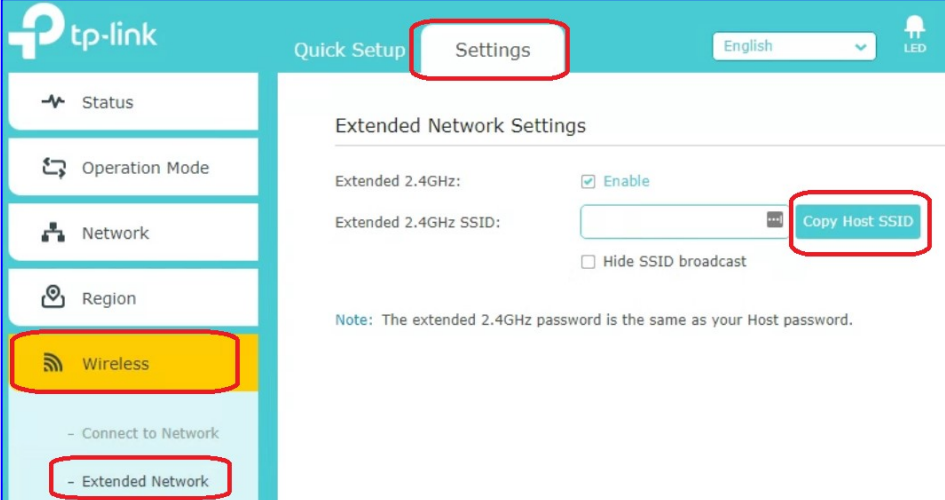|	
	Enter the **password** for your home WiFi network. **Connect to Host Network** 2.4GHz Network: ☑ Connect to 2.4GHz Network Wireless Scanner Host 2.4GHz SSID: ▮▮▮▮▮ Host 2.4GHz Security: WPA-PSK/WPA2-PSK ▼ Host 2.4GHz Password: [ ] Channel Width: Auto ▼ Save Click **Save**
Reconnect to WiFi	Skip this part if you are not connecting to the Shed Link unit via WiFi. On your configuration device re-connect to this WiFi network: WiFi Name: **UBWHshedlink** Password: **<-- Your HOME WiFi password**

| Set Extended WiFi Name (SSID)	Click the **Settings** tab
	Click **Wireless**
	Click **Extended Network**
	Click **Copy Host SSID**
	The **Extended 2.4 GHz SSID** should change to match the name of your Home WiFi. If not: Enter the Home WiFi SSID (WiFi name) manually.
	Click **Save**
Congrats!	Your Shed Link is now configured.
	Disconnect all cables and take the Shed Link unit to the shed.
	If your used a Mobile Phone for configuration, you can turn Mobile Data back on now.
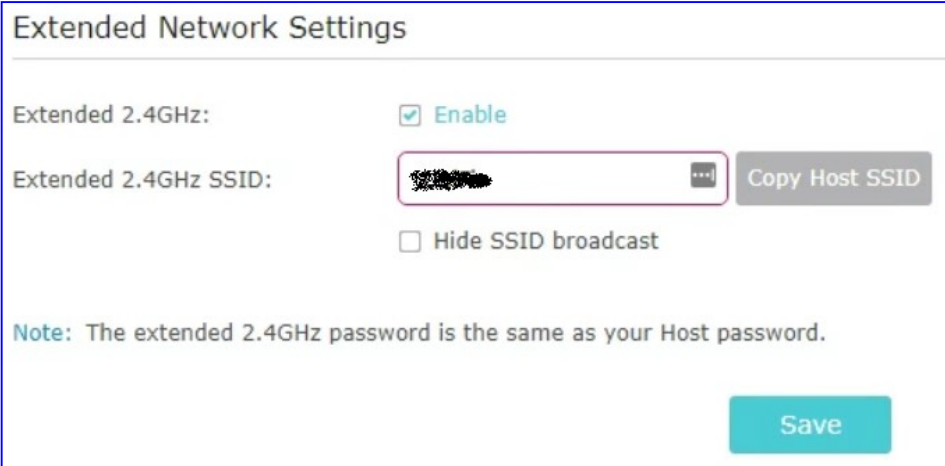
2. Step By Step - Shed Setup

Mount External Antenna	Mount the external antenna and pass the cable into the shed.
	Ideally, the antenna is mounted vertically, but it may also work horizontally.
	Important: To prevent rain water passing into the shed along the cable, you must include a drip loop.
	Drip Loop
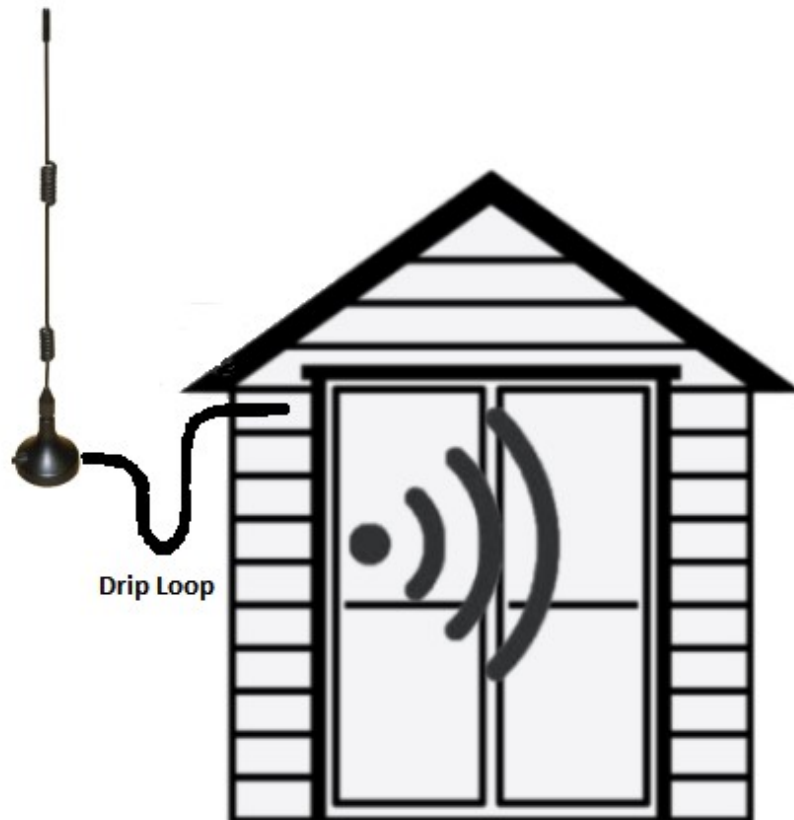
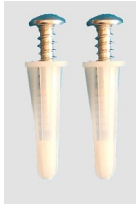|	
Connect external antenna to Shed Link unit	Looking at the rear of the unit, • the factory (rigid) antenna is connected to the LEFT-REAR and CENTRE sockets. • the external antenna is connected to the RIGHT-REAR socket. • Use the hex spanner included with your kit. The external antenna cable only needs to be finger tight.
Locate the Shed Link unit	Locate the unit on a flat surface, or mount on a wall using the included Wall Mount kit. **Wall Mount Kit**

Apply power	Apply power to the unit.
Test	Using a phone or WiFi computer in the shed: Connect to the WiFi network and you should be able to browse the Internet. A PC connected by a LAN cable to any of the LAN sockets on the rear of the unit should be able to browse the Internet
Shed Link Unit Access	If you want to login to the Shed Link unit at http://tplinkwifi.net in the future, you MUST do it from within the Shed. You can not do it from the Home LAN or WiFi within the Home.