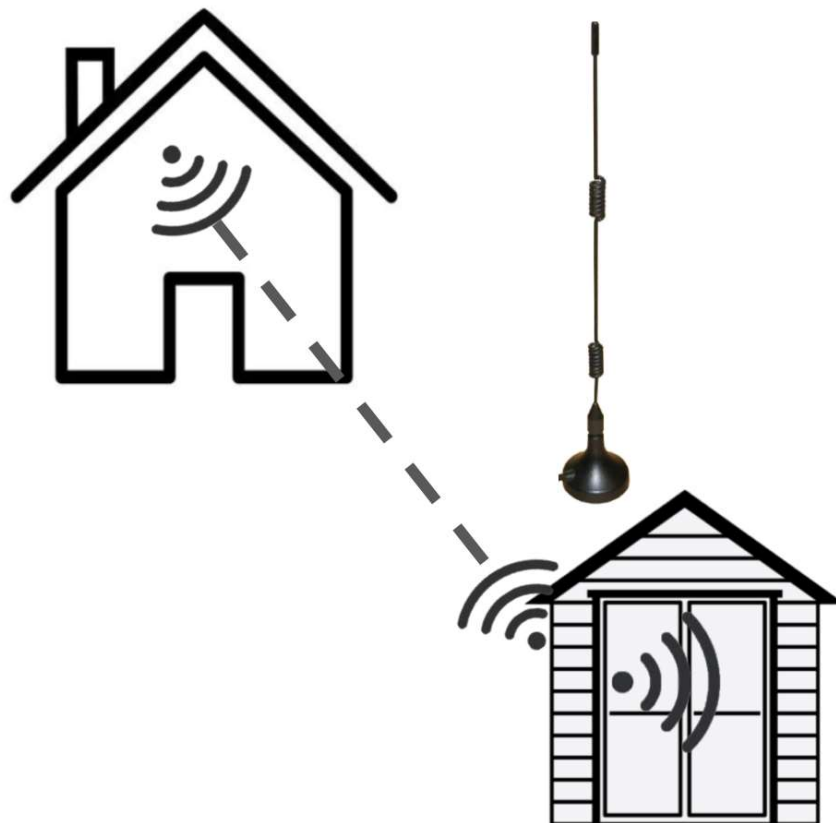




# Shed Link

## Easy Setup Guide



V20221206


Latest Version of this document available at:

<https://github.com/UBWH/ubwh.github.io/blob/master/assets/UserGuides>

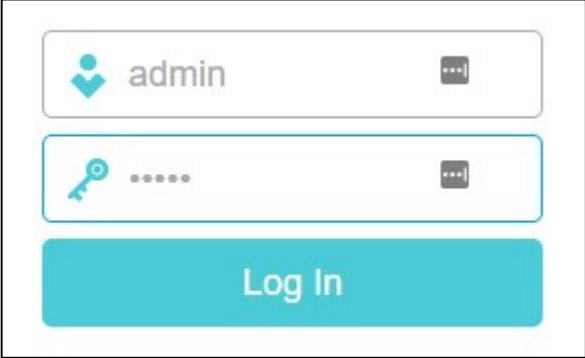
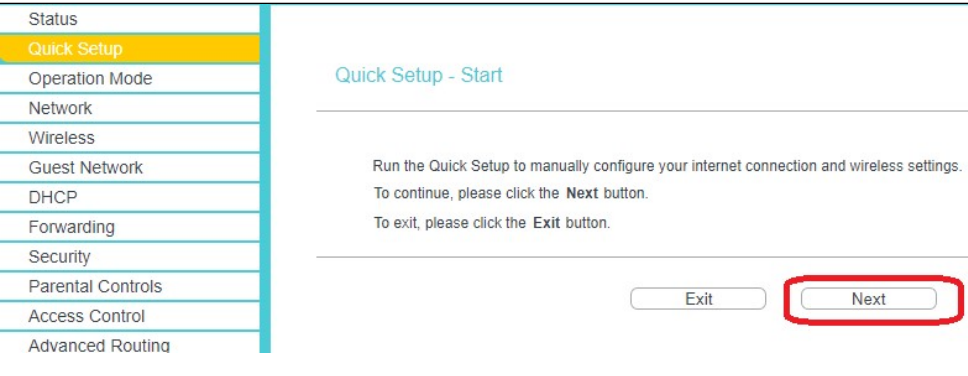
# Table of Contents

1. Before You Start.....	3
2. Step By Step - Configuration .....	4
2. Step By Step - Shed Setup.....	7


# 1. Before You Start

Locate the unit in the HOUSE	<p>Locate the unit in the main house in a room where it:</p> <ul style="list-style-type: none"> <li>• is on the side of the house closest to the shed, and</li> <li>• will be able to connect to the existing House WiFi signal.</li> </ul>
Power the unit	Connect the power adapter and power up the unit.
Factory Default	<p>The Shed Link AP must be in Factory Default state.</p> <p>If you are unsure:</p> <ul style="list-style-type: none"> <li>• Wait until the LEDs on the front stabilise. Approx 30 sec. After power on.</li> <li>• 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.</li> </ul>
Install ONE internal antenna	<p>Install one of the internal (rigid) antennas in the LEFT-REAR antenna socket.</p> 
Know the WiFi credentials of your HOUSE WiFi	<p>Write here the credentials of your existing (Home) WiFi:</p> <p>SSID (WiFi Name): _____</p> <p>Password (PSK): _____</p>

## 2. Step By Step - Configuration

Connect a Phone or PC to the Unit	<p>Choose one of these options:</p> <ol style="list-style-type: none"><li>1. Connect a computer with a LAN cable between the computer and the LAN port labeled <b>Ethernet 1</b> on the rear of the unit.</li><li>2. Connect a computer using WiFi to this WiFi network: Name: <b>TP-Link_XXXX</b> (XXXX unique for each unit) Password/PIN: (printed on label on base of unit)</li><li>3. Connect a smart phone using WiFi to this WiFi network: Name: <b>TP-Link_XXXX</b> (XXXX unique for each unit) Password/PIN: (printed on label on base of unit)</li></ol>
Login	<p>Launch a web browser and browse to: <a href="http://tplinkwifi.net">http://tplinkwifi.net</a></p> <p>Choose your language.</p> <p>Login: <b>admin</b> Password: <b>admin</b></p> 
Set Operation Mode	

	<div> <div> Status  <b>Quick Setup</b>  Operation Mode  Network  Wireless  Guest Network  DHCP  Forwarding  Security  Parental Controls  Access Control  Advanced Routing  Bandwidth Control </div> <div> <h3>Quick Setup - Operation Mode</h3> <p>Choose Operation Mode:</p> <p> <input type="radio"/> Wireless Router  <input type="radio"/> WISP  <input type="radio"/> Access Point  <input checked="" type="radio"/> <b>Repeater/Bridge</b> </p> <p>Extend the range of an existing Wi-Fi</p> <p> Back Next </p> </div> </div>																					
Set Country and Scan for your Home WiFi	<div> Region: <b>Australia</b> <p>Warning: Please ensure to select the correct country for your current region to conform with local laws. Incorrect settings may cause interference.</p> Transmit Power: 100% </div> <div> SSID(to be bridged): MAC Address(to be bridged): e.g. 00:1D:0F:11:22:33 </div> <div> Scan </div>																					
Connect to your Home WiFi  Choose the line with the highest Signal strength	<h3>AP List</h3> <p>The scanned APs are as follows</p> <p>AP numbers: 16 Refresh</p> <table border="1"> <thead> <tr> <th>ID</th> <th>BSSID</th> <th>SSID</th> <th>Signal strength</th> <th>Channel</th> <th>Encryption</th> <th>Connect</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td></td> <td>92</td> <td>6</td> <td>WPA2-PSK/AES</td> <td>Connect</td> </tr> <tr> <td>2</td> <td></td> <td></td> <td>91</td> <td>6</td> <td>WPA2-PSK/AES</td> <td>Connect</td> </tr> </tbody> </table>	ID	BSSID	SSID	Signal strength	Channel	Encryption	Connect	1			92	6	WPA2-PSK/AES	Connect	2			91	6	WPA2-PSK/AES	Connect
ID	BSSID	SSID	Signal strength	Channel	Encryption	Connect																
1			92	6	WPA2-PSK/AES	Connect																
2			91	6	WPA2-PSK/AES	Connect																
Enter Home WiFi password.	<h3>Quick Setup - Wireless</h3> <div> Region: Australia Warning: Please ensure to select the correct country for your current region to conform with local laws. Incorrect settings may cause interference. Transmit Power: 100% </div> <div> SSID(to be bridged): MAC Address(to be bridged): e.g. 00:1D:0F:11:22:33 </div> <div> Scan </div> <div> Key Type: WPA2-PSK Encryption: AES Password: <b>Enter Home WiFi Password here</b> </div> <div> Wireless Name of Range Extender: <input checked="" type="radio"/> Copy from Root AP <input type="radio"/> Customize </div> <div> Back Next </div>																					

<p>Review network settings</p> <p>You should change nothing.</p>	<p>Quick Setup - Network Setting</p> <hr/> <p>LAN Type: <span>Smart IP(DHCP) </span></p> <p>Note: The IP parameters cannot be configured if you have chosen Smart IP(DHCP)</p> <p>(In this situation the device will help you configure the IP parameters automatically as you need).</p> <p>IP Address: <input type="text" value="192.168.0.1"/></p> <p>Subnet Mask: <input type="text" value="255.255.255.0"/></p> <p>We recommend you configure this AP with the same IP subnet and subnet mask, but different IP address from your root AP/Router.</p> <p>DHCP Server: <input checked="" type="radio"/> Enable <input type="radio"/> Disable</p> <hr/> <p><input type="button" value="Back"/> <input checked="" type="button" value="Next"/></p>
<p>Complete setup</p>	<p>Quick Setup - Review Setting</p> <hr/> <p>Congratulations! The settings is finish, please click finish button to make it work. For detailed settings, please click other menus if necessary.</p> <p>Changing work mode should be reboot!</p> <hr/> <p>Confirm the configuration you have set. If anything wrong, please go Back to reset.</p> <p>It's recommended to take a note of these settings that you'll need later for reference.</p> <p>Wireless Settings</p> <p>Operation Mode: Repeater</p> <p>Region: Australia</p> <p>Transmit Power: 100%</p> <p>Wireless Channel: 6</p> <p>Wireless Network Name(SSID): <span>XXXXXXXXXX</span></p> <p>Wireless Security Mode: WPA2-PSK</p> <p>Wireless Password: <span>XXXXXXXXXX</span></p> <hr/> <p>LAN Settings</p> <p>Default Access: <a href="http://tplinkwifi.net">http://tplinkwifi.net</a></p> <p>LAN Type: Smart DHCP</p> <hr/> <p><input type="button" value="Back"/> <input checked="" type="button" value="Finish"/></p> <p>The system will reboot. Wait about 1 minute.</p>
<p>Congrats!</p>	<p>Your Shed Link is now configured.</p> <p>Disconnect all cables and take the unit to the shed.</p>

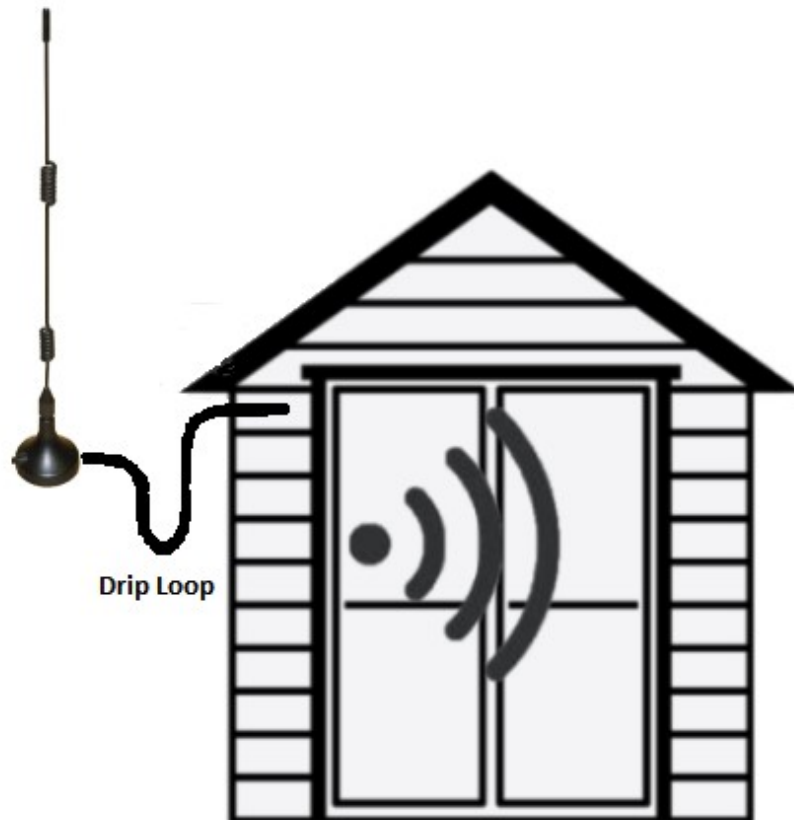
## 2. Step By Step - Shed Setup

### 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.



Connect external antenna to Shed Link unit

Looking at the rear of the unit,

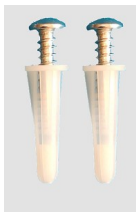
- the factory (rigid) antenna is connected to the LEFT-REAR socket.
- the external antenna is connected to the RIGHT-REAR socket.

Note: The external antenna cable only needs to be finger tight. If you don't have a hex-spanner small enough to fit into the antenna socket: hold the external antenna cable stationary and rotate the Shed Link unit.



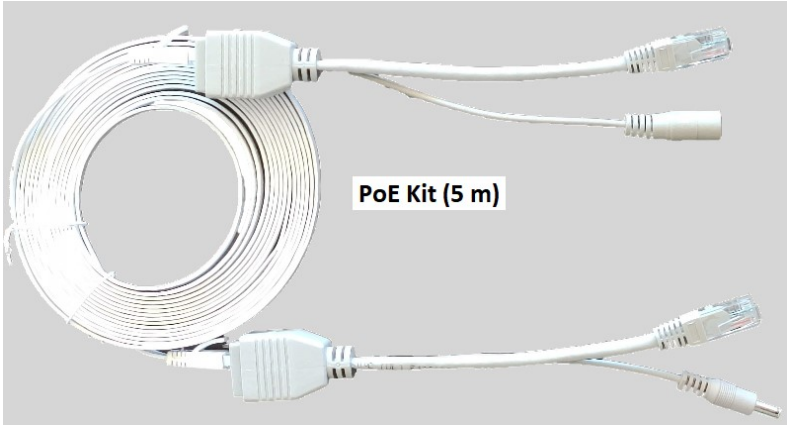
Locate the Shed Link unit

Locate the unit on a flat surface, or mount on a wall using the included Wall Mount kit.



Wall Mount Kit



<p>Apply power</p>	<p>Apply power to the unit.</p> <p>The included PoE kit can be used as a 5m extension power (and ethernet) cable as needed.</p> 
<p>Test</p>	<p>Using a phone or WiFi computer in the shed: Connect to the WiFi network and you should be able to browse the Internet.</p> <p>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</p>

Change  
admin  
password

Use a phone or laptop in the shed and launch a web browser. Browse to: <http://tplinkwifi.net>

Select System Tools / Administrator

Status
Quick Setup
Operation Mode
Network
Wireless
DHCP
<b>System Tools</b>
- LED Control
- Time Settings
- Diagnostic
- Firmware Upgrade
- Factory Defaults
- Backup & Restore
- Reboot
- <b>Administrator</b>
- Language
- System Log

Change the admin password.