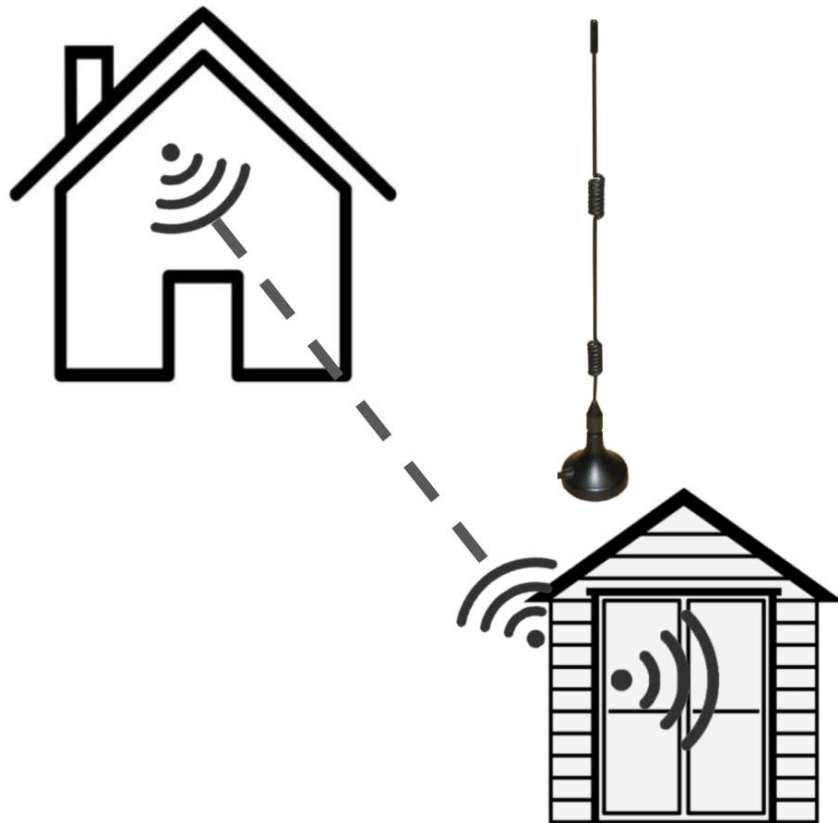




*UBWH Australia*

# Shed Link V3

## Easy Setup Guide



V20250515

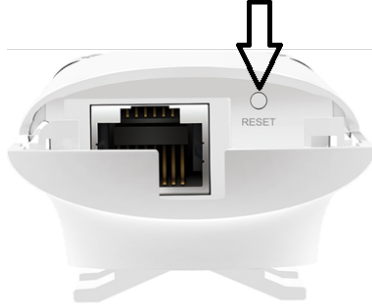

Latest Version of this document available at:

<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	<p>You will need this as your <b>Configuration Device</b>:</p> <p>Computer/Tablet/Phone with WiFi</p>
Locate the unit in the Home	<p>Place the <i>EAP110-Outdoor</i> (EAP) unit in the home 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 Home WiFi signal.</li> </ul>
Power the unit	<p>Connect the power adapter with a LAN cable (included) between the POE port of the included Passive PoE adapter (24 V), and the EAP. The EAP will power up.</p>
Factory Default	<p>The Shed Link unit must be in Factory Default state. If you are unsure:</p> <ul style="list-style-type: none"> <li>• Wait until the LED on the side stabilises.</li> <li>• Using a straightened paper-clip (or similar), press and hold the Reset button near the LAN cable connector, until the LED flashes and comes back on solid GREEN. Approx 10 sec.</li> </ul> 
Install ONE internal antenna.	<p>Install one of the internal (rigid) antennas on either antenna connector.</p> 
Know the WiFi credentials of your HOME 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 via WiFi	<p>Connect your Configuration Device using WiFi to the SSID (WiFi Network with a name like:</p> <p style="text-align: center;"><b>TP-Link_2.4GHz_XXXXXX</b></p> <p>No password needed.</p> <p>If using a mobile phone, turn off Mobile Data also.</p>
Login	<p>Launch a web browser and browse to: <a href="http://tplinkeap.net">http://tplinkeap.net</a></p> <p>Login as shown.</p> <div data-bbox="435 696 1361 1270"></div>
Quick Setup	<p>Click <b>Let's Get Started</b></p> <div data-bbox="435 1408 1361 1973"></div>

	<p>Choose new login details for the EAP and record here:</p> <p>EAP Username: _____</p> <p>EAP Password: _____</p> <div data-bbox="435 351 1270 938"> <h3>Set up a new account</h3> <p><b>New Username:</b> <input type="text"/></p> <p><b>New Password:</b> <input type="password"/> </p> <div> <span>Low</span> <span>Middle</span> <span>High</span> </div> <p><b>Confirm Password:</b> <input type="password"/>  </p> <p><b>Allow Data Collection:</b> <input type="checkbox"/> Enable </p> <p><b>Next</b></p> </div> <p>Click <b>Next</b></p>
<p>Select Repeater mode</p>	<p>Select <b>Repeater Mode</b></p> <div data-bbox="435 1113 1270 1715"> <div> <p><b>AP Mode</b></p> <p><input type="radio"/></p> <p>In this mode, the AP connects to a router via an Ethernet cable and transforms the wired network into a wireless one.</p> </div> <div> <p><b>Repeater Mode</b></p> <p><input checked="" type="radio"/></p> <p>In this mode, the AP connects to the existing network wirelessly and expands its wireless coverage.</p> </div> <p><b>Next</b></p> </div> <p>Click <b>Next</b></p>

Connect to  
your HOME  
WiFi

Click **SCAN**

## Configure repeater settings

If the host network is using a DFS channel, please connect the repeater's 2.4GHz SSID to complete the setup.

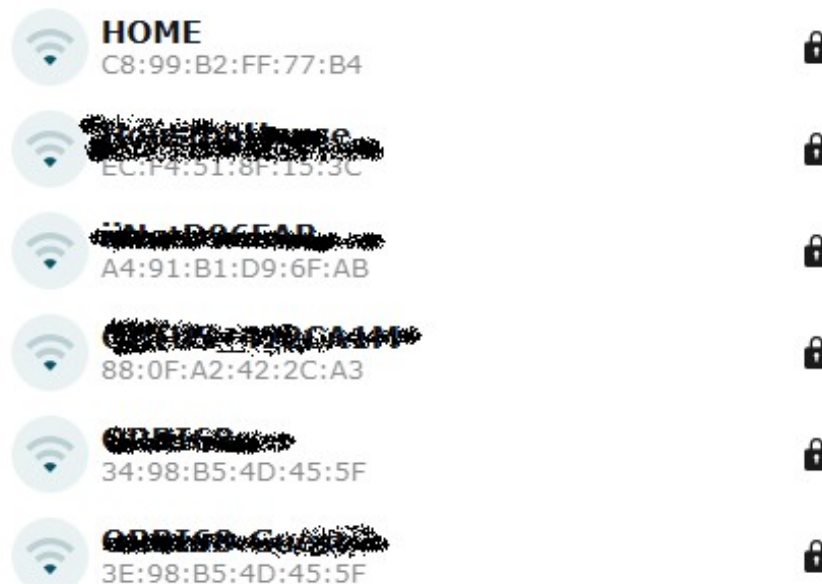
Band:

2.4GHz

SSID:

Scan

Click the line corresponding to your home WiFi



Enter your Home WiFi Password

## Enter password

Password:



Cancel

OK

Click **OK**

Click **Next**

Configure the  
Shed WiFi  
Network

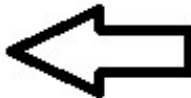

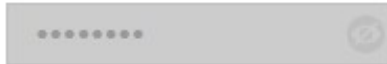
In this step, you will configure the WiFi network for inside the Shed.

It is recommended to simply use the **SAME** SSID (WiFi Network name) and Password as used in the Home. But you are free to use different SSID/Password if you prefer.

### Configure the extended network

---

#### 2.4GHz

2.4GHz:	<input checked="" type="checkbox"/> Enable	
Copy host SSID:	<input checked="" type="checkbox"/> Enable	
SSID:		
Security:	WPA-PSK/WPA2-PSK ▼	
Password:		
SSID Broadcast:	<input checked="" type="checkbox"/> Enable	

Click **Next**

Check all OK

Check the details are OK

## Summary

Please confirm your settings.

### Device Account

User Name: [REDACTED]  
Password: [REDACTED]

### Host Router

BSSID: 80:2A:A8:D7:00:AC  
2.4GHz SSID: [REDACTED]  
Password: [REDACTED]

### EAP Extended

2.4GHz SSID: [REDACTED]  
Password: [REDACTED]  
SSID Broadcast: On

Done

Click **Done**



Congrats!



Please connect to the extended network for AP management.

Extended 2.4Ghz SSID:      UniFi  
5Ghz Wireless Off

I have connected to extended network

Your Shed Link is now configured.

Disconnect all cables and take the EAP to the shed.

If you used a Mobile Phone for configuration, you can turn Mobile Data back on now.

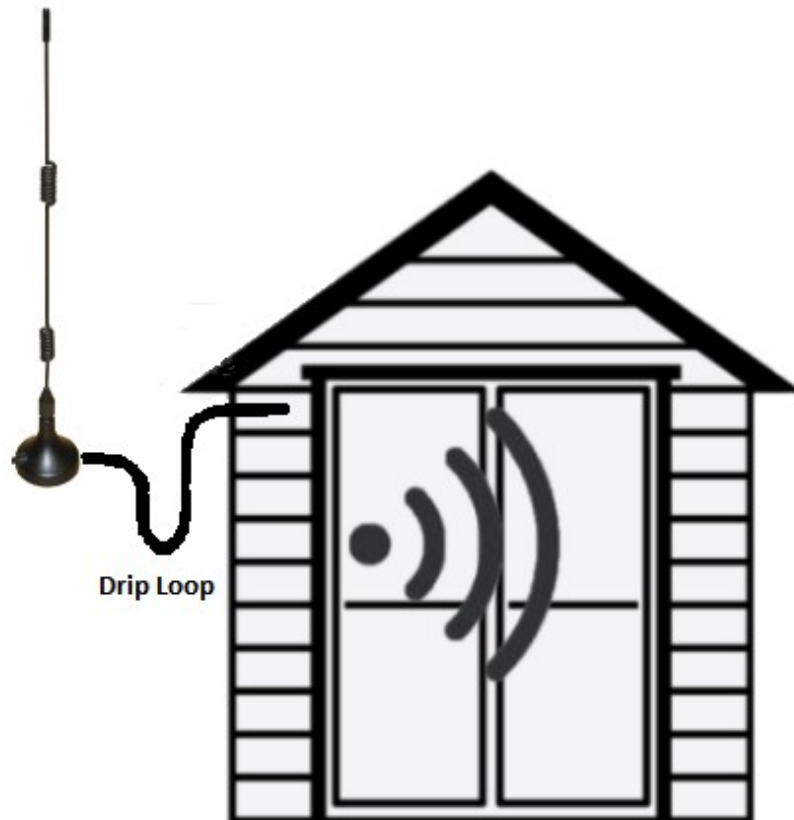
## 2. Step By Step - Shed Setup

### 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.



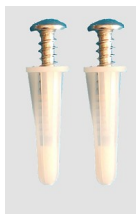
Connect external antenna to EAP

Connect the outdoor antenna to the other antenna connector



Mount the EAP

Mount the EAP on a wall inside the shed using the included Wall Mount kit.



Wall Mount Kit

Apply power	Apply power to the unit.
Test	<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>Optional: A PC/TV/etc can be connected by a LAN cable to the LAN socket on the 24V PoE adapter powering the EAP.</p>
EAP login Access	<p>If you want to login to the EAP at <a href="http://tplinkeap.net">http://tplinkeap.net</a> in the future, you MUST do it from within the Shed.</p> <p>You can not do it from the Home LAN or WiFi within the Home.</p>