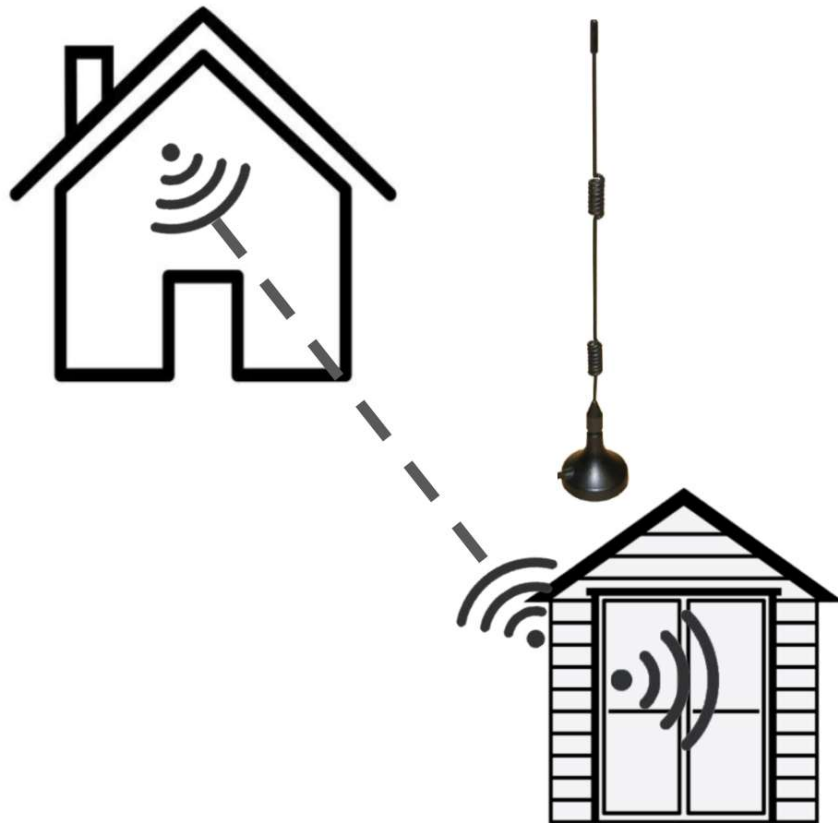




UBWH Australia

Shed Link V3

Easy Setup Guide



V20250515

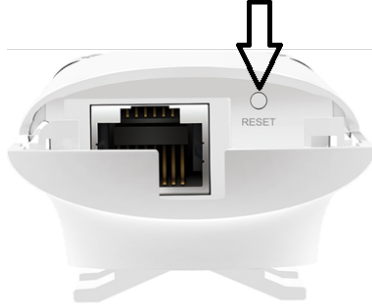

Latest Version of this document available at:

<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 Configuration Device:</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"> • 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	<p>Connect the power adapter with a LAN cable (not 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"> • Wait until the LED on the side stabilises. • 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. 
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;">TP-Link_2.4GHz_XXXXXX</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: http://tplinkeap.net</p> <p>Login as shown.</p> <div data-bbox="435 696 1361 1270"><p>The login interface for the TP-Link EAP110-Outdoor device. It features the TP-Link logo and the device name 'EAP110-Outdoor'. Below this, there are two input fields: a username field with the text 'admin' and a password field with the text 'admin'. A 'log in' button is positioned below the password field.</p></div>
Quick Setup	<p>Click Let's Get Started</p> <div data-bbox="435 1408 1361 1973"><p>The 'Quick Setup' screen. It has a large blue heading 'Quick Setup'. Below the heading, it says 'The quick setup will tell you how to configure the basic network parameters.' At the bottom, there is a large blue button with the text 'Let's Get Started'.</p></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>New Username: <input type="text"/></p> <p>New Password: <input type="password"/> </p> <div> Low Middle High </div> <p>Confirm Password: <input type="password"/>  </p> <p>Allow Data Collection: <input type="checkbox"/> Enable </p> <p>Next</p> </div> <p>Click Next</p>
<p>Select Repeater mode</p>	<p>Select Repeater Mode</p> <div data-bbox="435 1113 1270 1715"> <div> <p>AP Mode</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>Repeater Mode</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>Next</p> </div> <p>Click Next</p>

Connect to
your HOME
WiFi

Click **SCAN**

Configure repeater settings

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

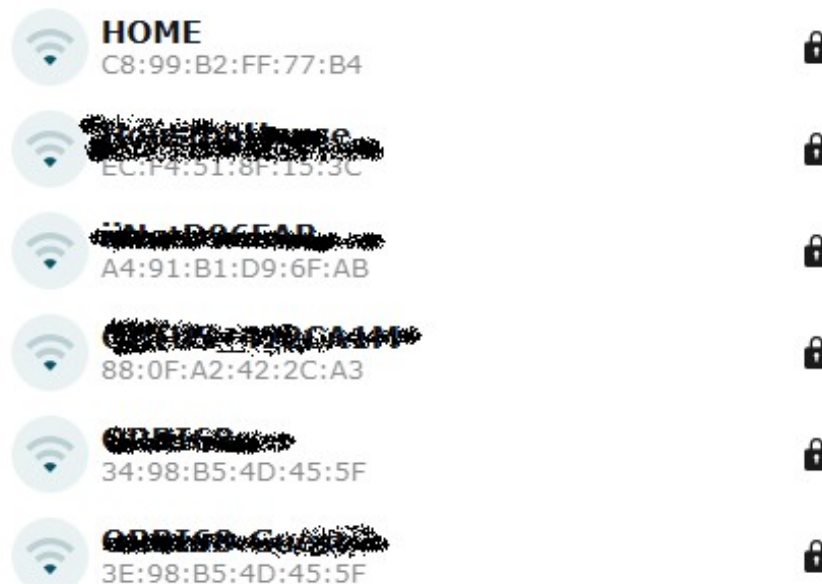
Band:

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:

☒ Enable

Copy host SSID:

☒ Enable

SSID:

Security:

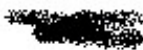
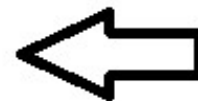
WPA-PSK/WPA2-PSK

Password:

.....

SSID Broadcast:

☒ Enable



WPA-PSK/WPA2-PSK

.....

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.

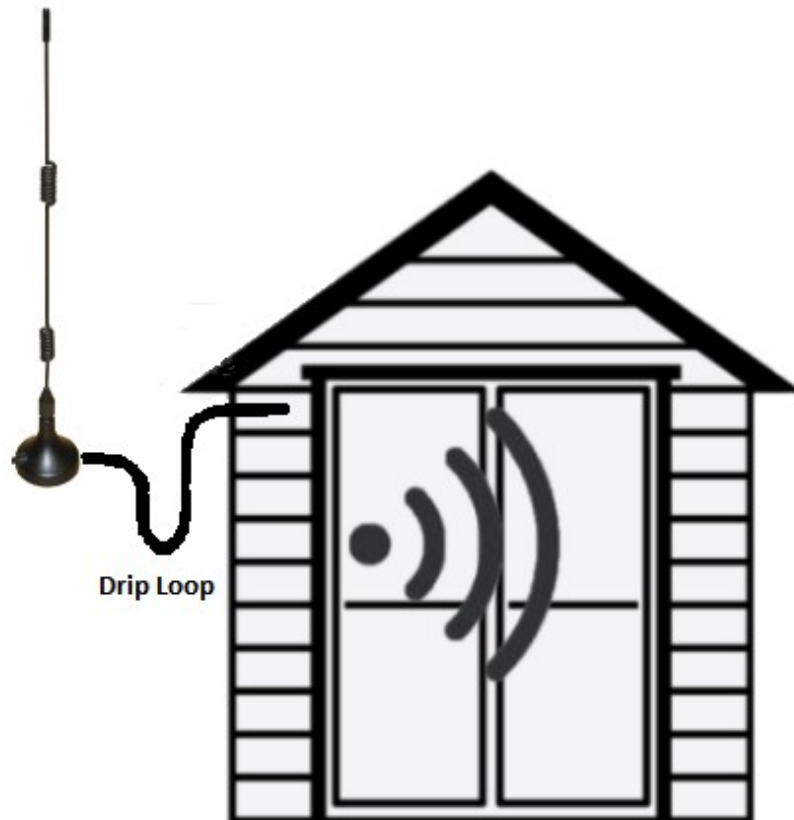
2. Step By Step - Shed Setup

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.



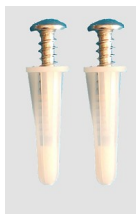
Connect external antenna to EAP

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 http://tplinkeap.net 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>