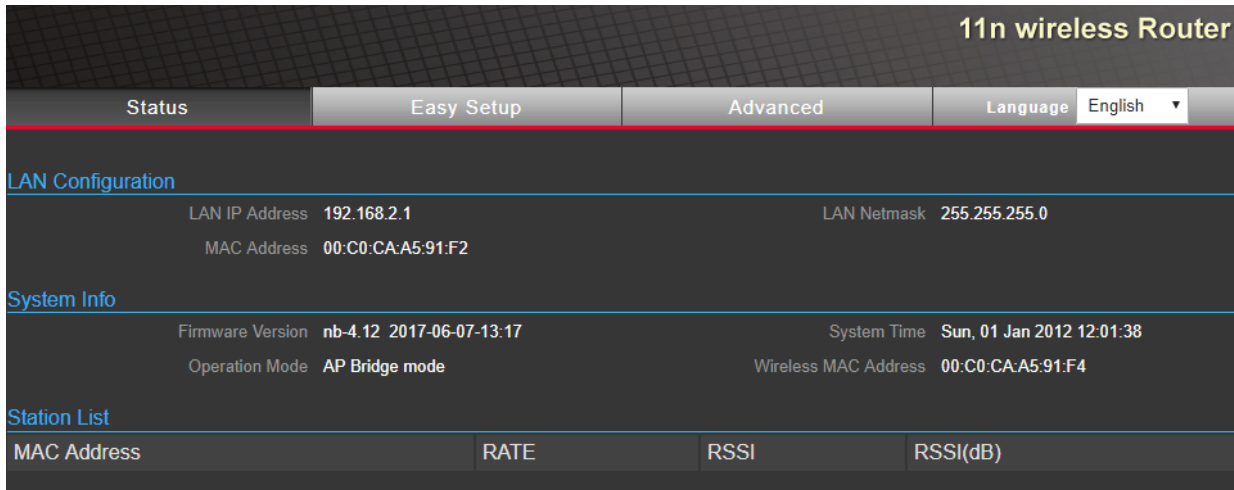


## How to Pair Two Patriot 2Hs to use WDS Access Point and WDS Repeater

This guide will explain how to bridge a connection between two Patriot 2Hs, however due to a limitation of the firmware, this can only be achieved with an unsecured link, so there is a security consideration to be understood.

Step 1: Connect and power up the first unit, open a web browser and type in the default IP address of the Patriot 2H (192.168.2.1) and type in the credentials when prompted (default username – admin / password – admin).

The below page will then appear, and by default the `Operation Mode` should be `AP Bridge` mode, if that is not the case, then it can be changed via Advanced / Operating Modes and change to AP Bridge.

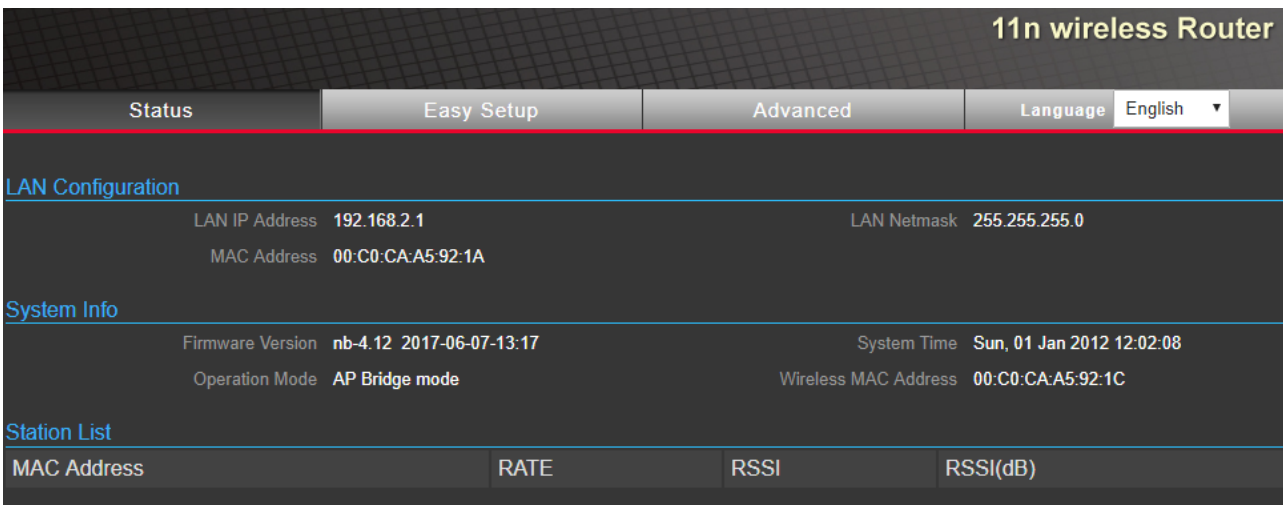


Step 2: Next navigate to Advanced / Wireless Settings / Basic and set the `Wireless Mode` to `WDS Access Point`, change the `Network Name (SSID)` if required and click `Apply` once done.

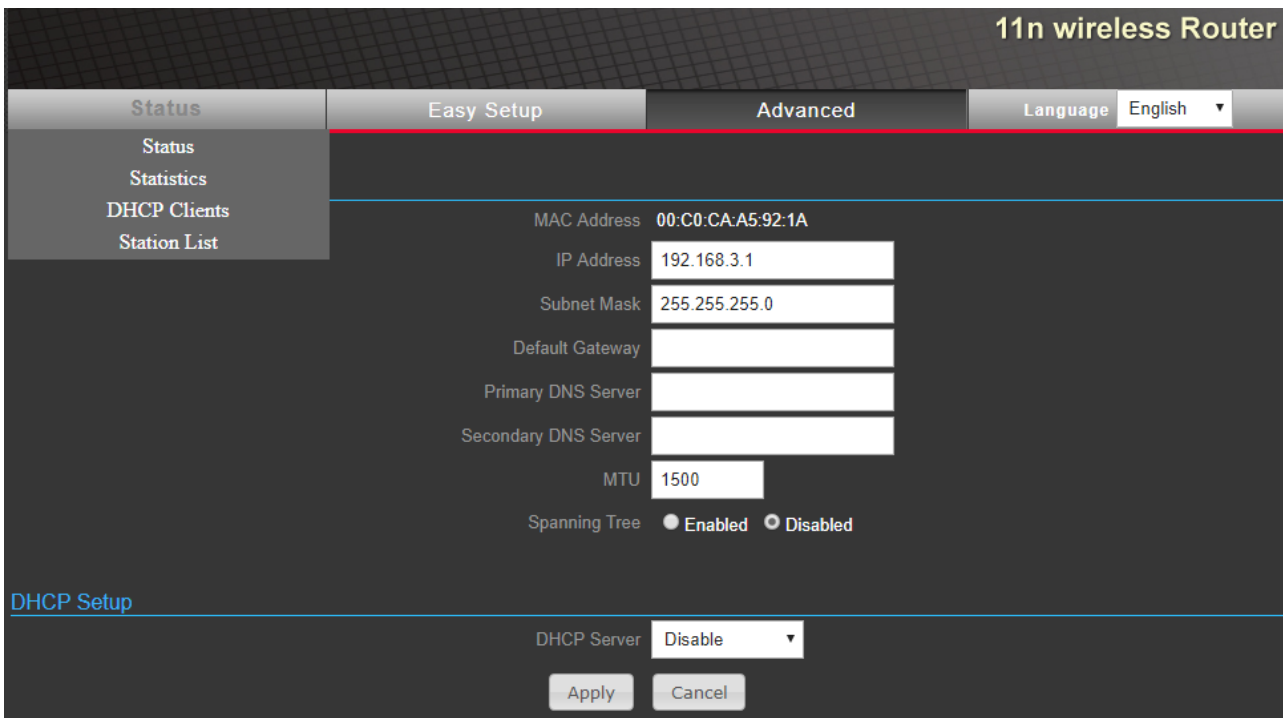
The first unit is now configured so unplug the cable from the LAN port on the POE injector.



Step 3: Ensure that the first unit is unplugged from the network and repeat 'Step 1' making sure that the 'Operation Mode' is set to 'AP Bridge' mode.



Step 4: Next navigate to Advanced / Network Settings / LAN and type in a different IP address to the first unit, for example 192.168.3.1 and click 'Apply' to confirm.



Step 5: Next navigate to Advanced / Wireless Settings / Basic and this time set the 'Wireless Mode' as 'WDS Repeater'.

Under the 'SSID II Security Settings' section type the name of the SSID you set in the previous unit into the 'Root AP SSID'.

Under the 'SSID I Security Settings' section type a suitable name in the 'Network Name (SSID)' box, this will be the SSID for the second unit, and set the 'Encryption Settings' to disabled.

Once done, click 'Apply' to confirm the settings.

The screenshot shows the configuration interface for a 11n wireless router. The page is titled "11n wireless Router" and has a navigation bar with tabs for "Status", "Easy Setup", "Advanced", and "Language" (set to English). The "Advanced" tab is selected, and the "Basic Wireless Settings" section is active. The settings are as follows:

- Wireless Mode: WDS Repeater
- Root AP MAC Address (optional): [Empty]
- Country Code: United Kingdom (with a "Set Country Code" button)
- Frequency (Channel): 2437 MHz (Channel 6)
- Site Survey: [Site Survey button]
- Network Mode: WiFi 11gn HT20
- Extension Channel: None
- Distance: 0.6 miles (1.0 km)
- ACK/CTS Timeout: 41
- BG Protection Mode: Enabled (radio button selected)

Below the Basic Wireless Settings are two sections for SSID security:

- SSID I Security Settings:** Network Name (SSID) is "Extender" (with a "Hide" checkbox), and Encryption Settings is "Disable".
- SSID II Security Settings:** Root AP SSID is "2.4G" (with a "Hide" checkbox), and Encryption Settings is "Disable".

At the bottom of the form are "Apply" and "Cancel" buttons.

Now that both units are configured, plug the cable back into the LAN port of the first unit's POE injector and connect to the second unit's SSID to confirm both units are bridged and if successful the process is complete.