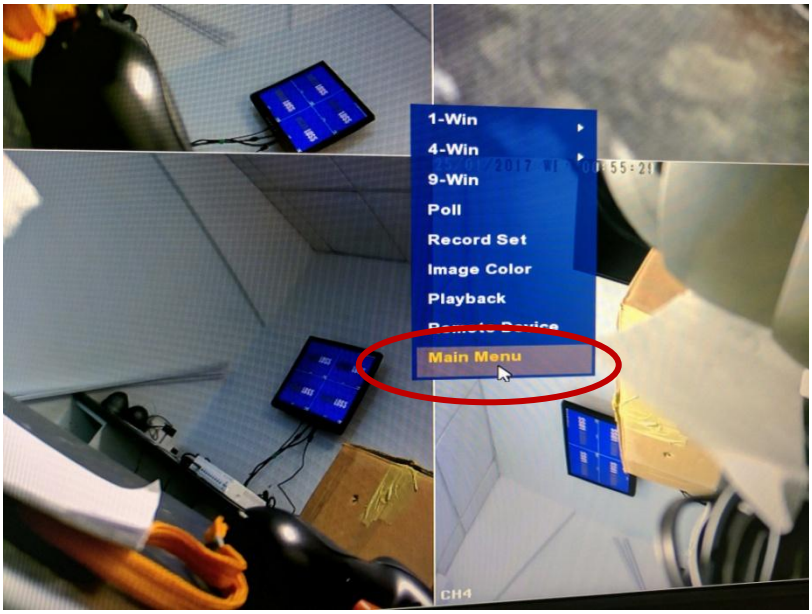
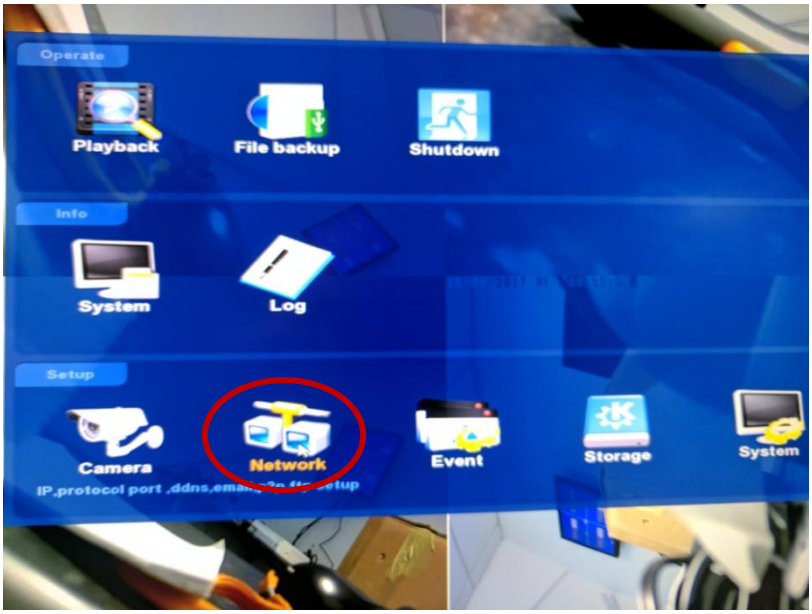
Wifi Kit Range Extender Guide

Note: This guide is for extending the range and signal strength of wireless IP cameras. A wireless extender works as a repeater for the wireless signal, the device itself should be situated in a location between the NVR and the cameras for the optimal effect. The position of the extender will need to be somewhere where it can maintain a strong wireless connection to the NVR.

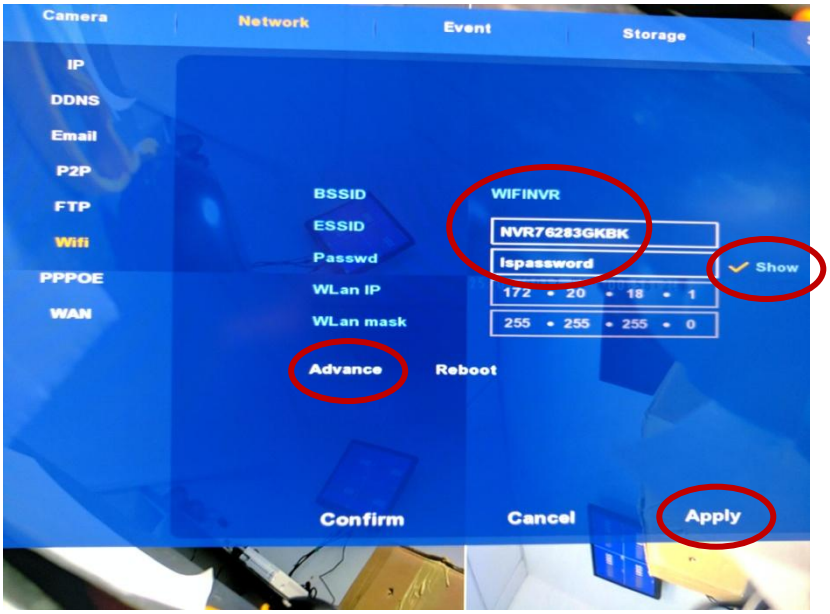
1. First you will need to adjust some of the wireless configuration settings within the NVR for the wireless extender to be able to communicate with it. Right click on the live view screen and select ‘Main Menu’



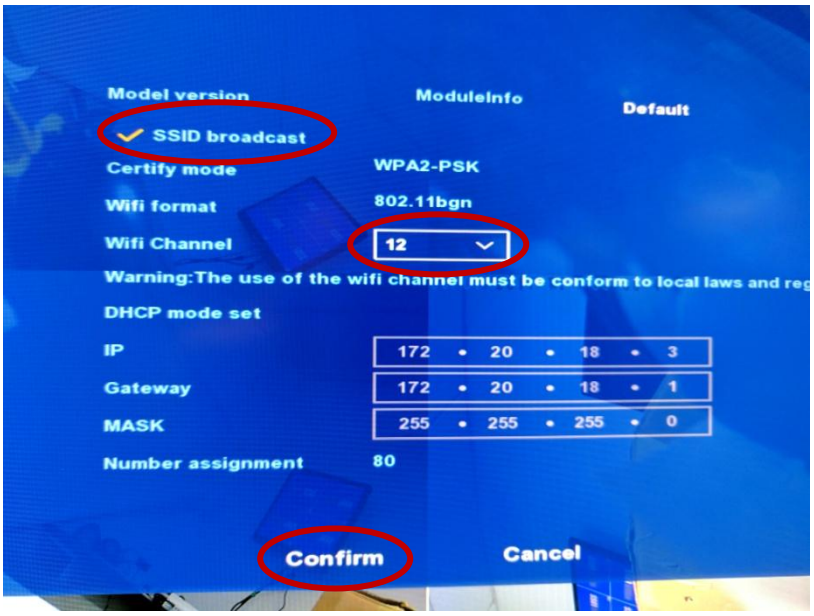
Then ‘Network’



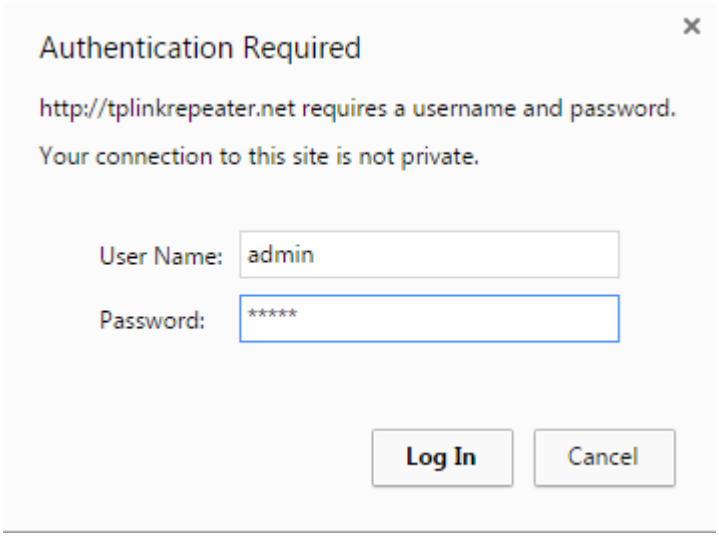
2. Within the ‘Network’ menu take a note of the ‘BSSID’ and the ‘ESSID’. You will then need to select the ‘show’ checkbox to reveal the current wireless password, “lspassword” is the default, take a note of this also. Once this is done go to the ‘Advanced’ menu.



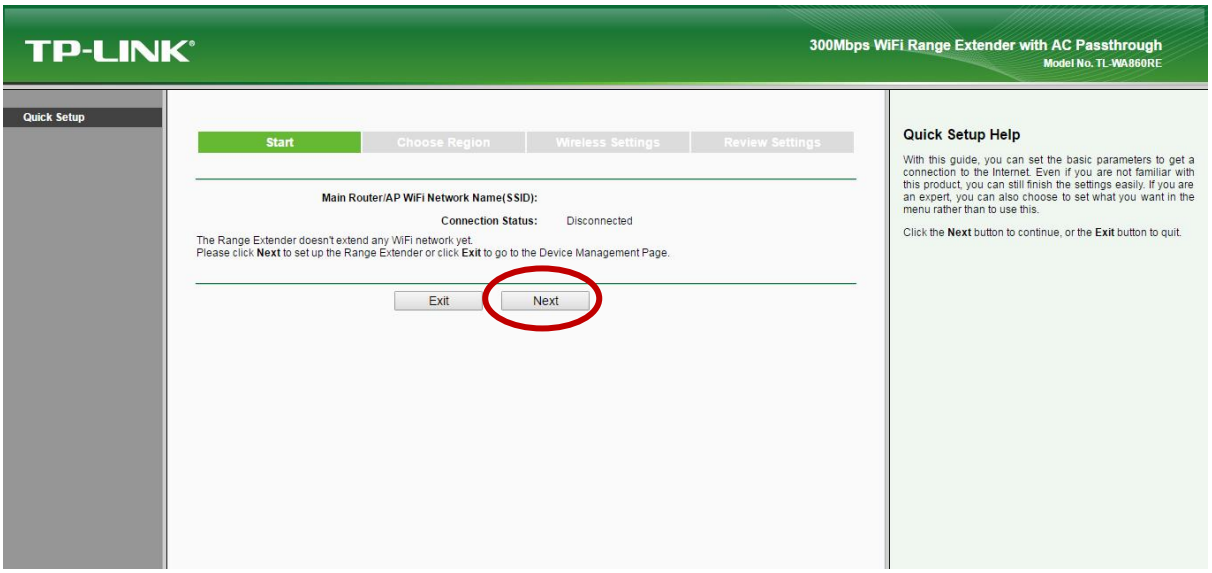
3. Next enable SSID broadcast (This can later be disabled) and change the Wifi channel from ‘other’ to a numbered channel from 1-13, (1,6 or 11 are usually preferred)



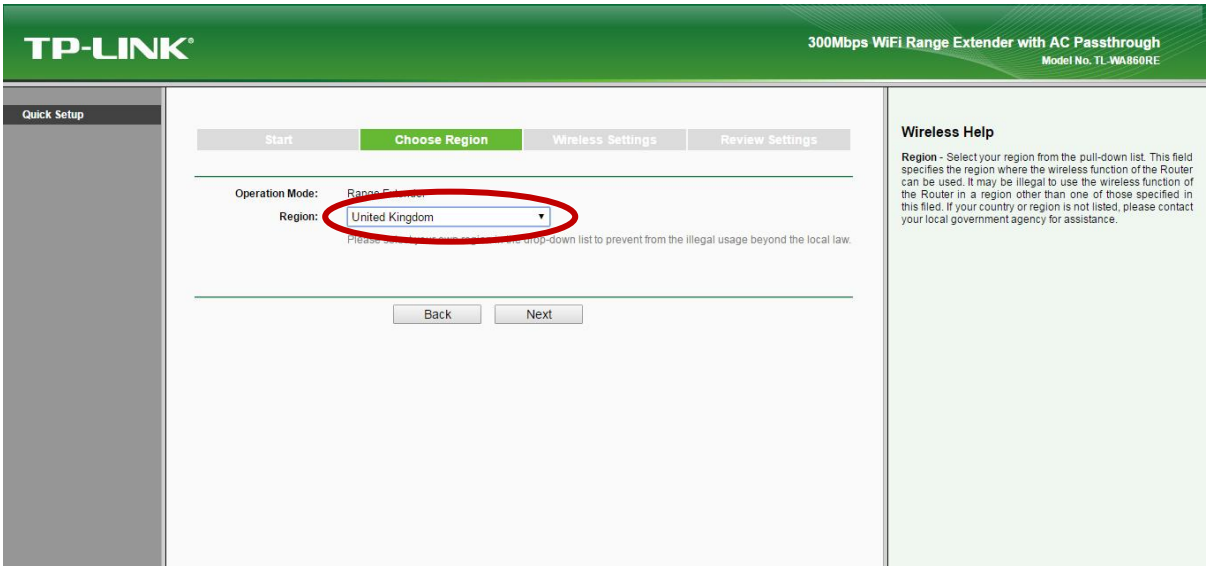
4. Now press ‘Confirm’ and then ‘Reboot’.
5. Once the NVR wireless network card has rebooted, the range extender also needs to be configured so that it can connect to the NVR’s Wifi.
6. Start by powering the extender then connect the extender straight into a computer LAN port with a straight-through patch lead. Once connected, open up a web browser and navigate to http://tplinkrepeater.net/ you will then be required to log in to the extender using the default username (admin) and password (admin)



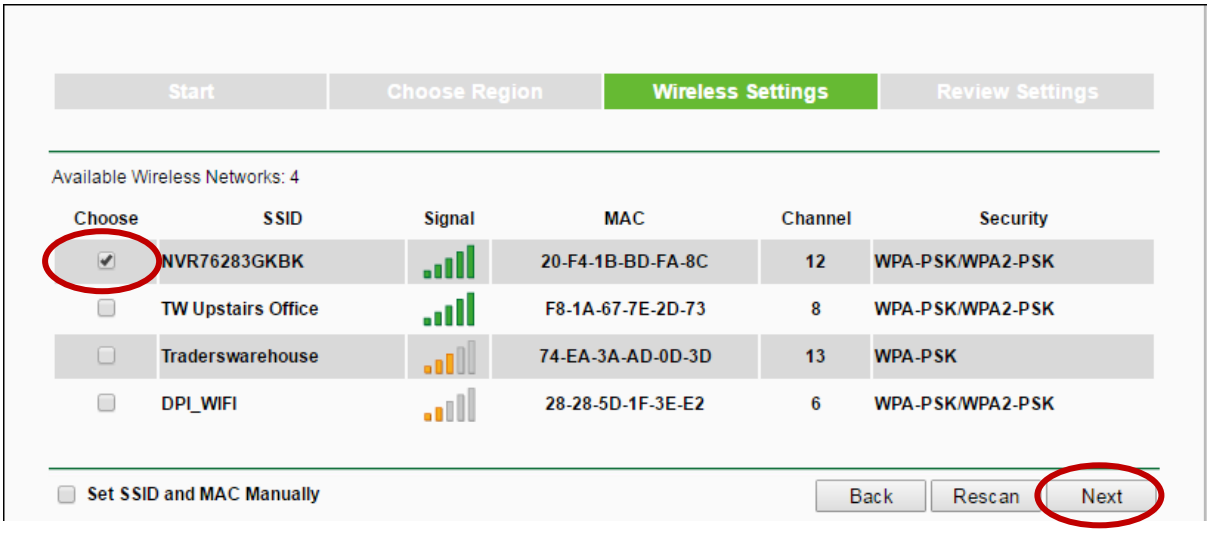
7. Once logged in you will be greeted with the wizard, just hit next.



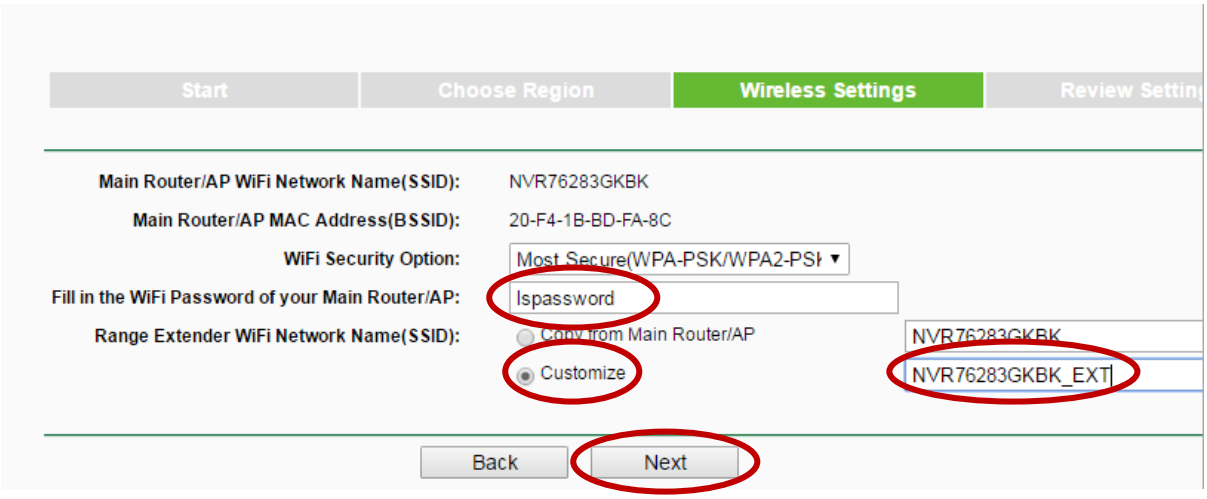
8. Select ‘United Kingdom’ as the Region



9. Select the NVR SSID from the wireless networks list which you took note of in the earlier steps.

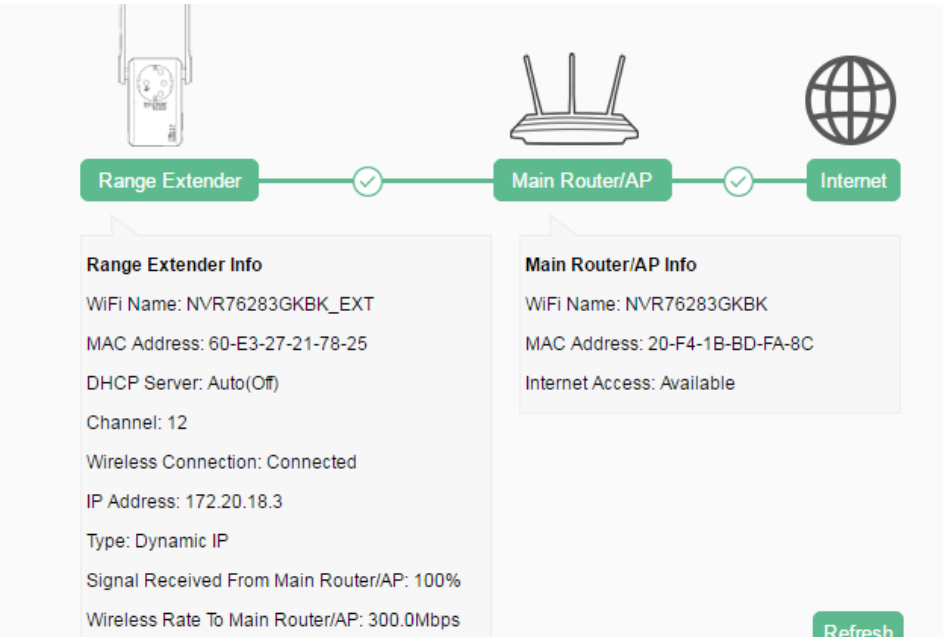


10. Enter the password for the NVR's wireless network (lspassword) and also hit customize so you can specify a different network name for the extender, just so you can distinguish the extender from the NVR later.



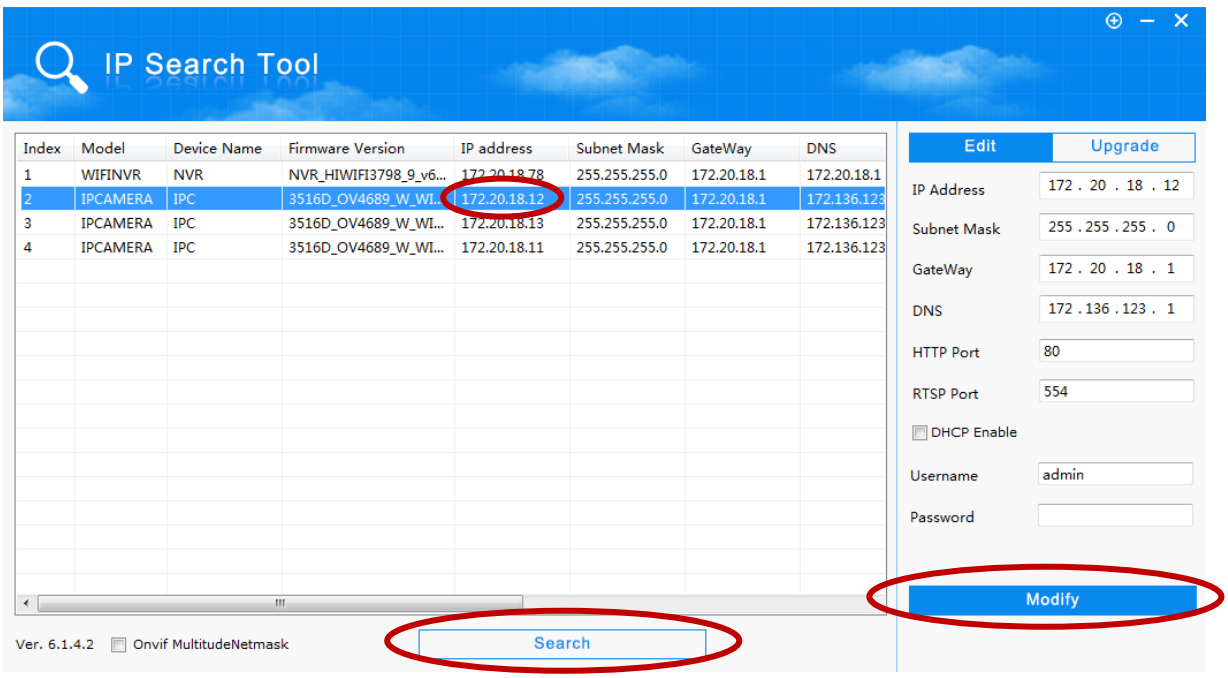
11. Press Next and it will take you to the finish screen this will display the status of the connection after. If the internet logo doesn't have a tick it just means the the NVR doesn't have an

active internet connection just yet.

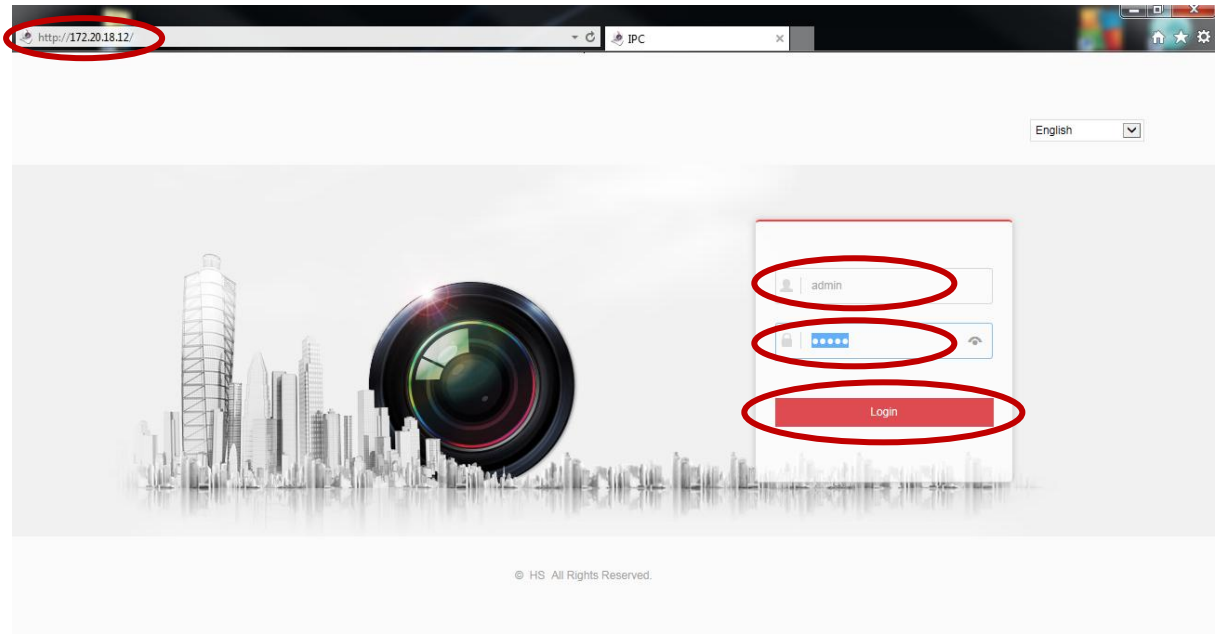


12. Once the extender is connected to the NVR we can begin to program the IP cameras. You should now be able to pick up the cameras on the latest version of the IPC Search tool. Which can be downloaded from our Software Portal under the tools section, (http://www.sacgroup.co.uk/portal/) password: 123456789abc

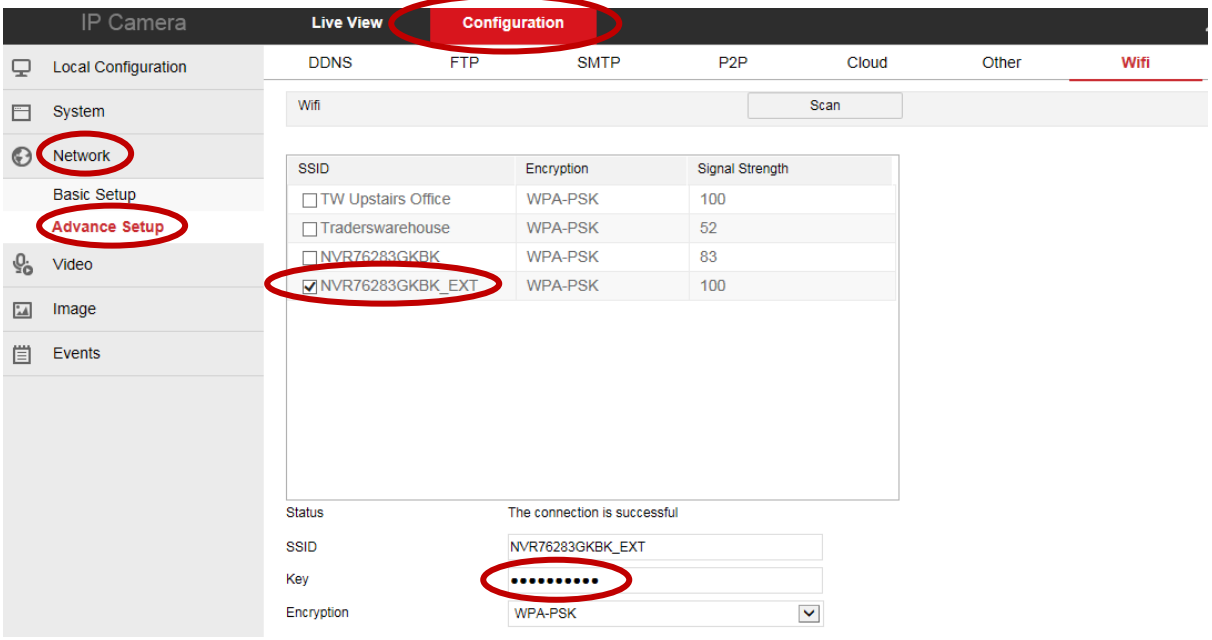
    Once installed, run IPCSearch from the desktop and hit search.



13. Enter the IP address of a single IP camera into the address bar of the Internet Explorer web browser, hit enter and it should load up the login screen for that specific camera. Note: the default username (admin) and password (admin)



14. Once logged into the camera, navigate to Configuration > Network > Advanced Setup and select Scan at the top right, you should see extender SSID in the list, tick the relevant box then just ensure the SSID and password are both correct underneath before hitting ‘Save’.



15. Set up is complete for the first camera, repeat the process for the other cameras and all the cameras should then have a wireless connection to the extender and the NVR will pick up the camera video feed from the extender.