

TP-Link VX230v Install Guide

Please note that your InfiNET Broadband supplied TP-Link VX230v router will come pre-configured with the settings to allow you to simply connect the router and have Plug-n-Play internet access. If you have factory reset your router, the following steps are required to reconfigure your TP-Link VX230v router.

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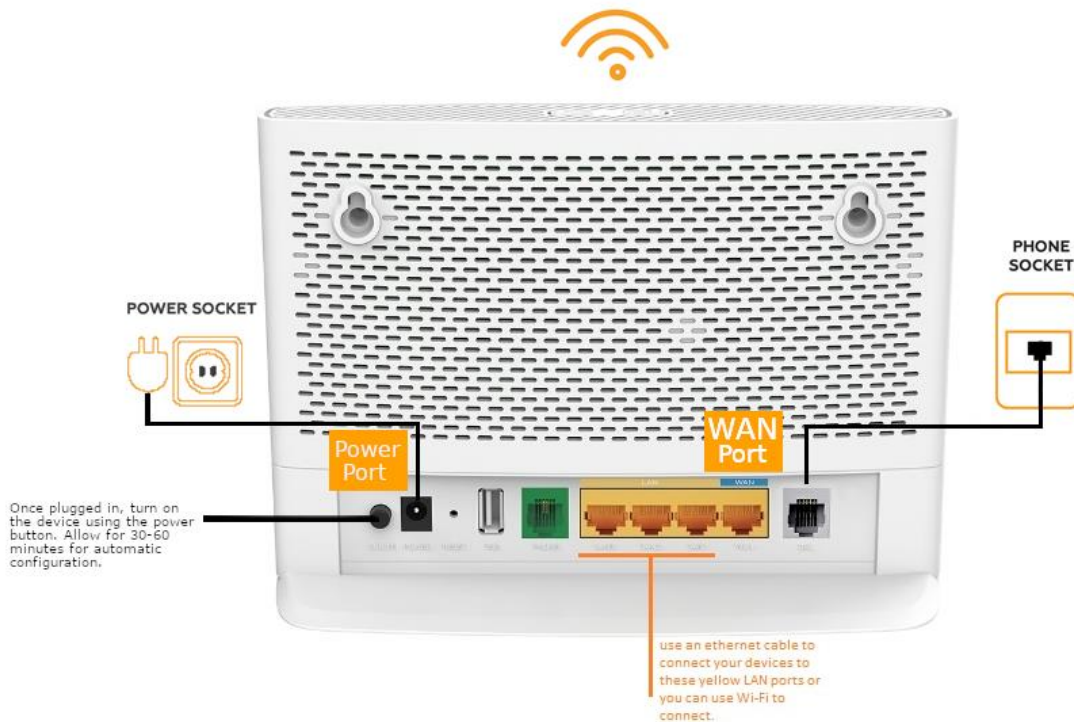
1. TP-Link VX230 LED Indicators Explained



LED Indicators (Left to Right)

- Power
- DSL
- Internet
- 2.4G
- 5G
- WPS
- WAN
- LAN
- Phone
- USB

2. TP-Link VX230 Ports Explained



3. Connecting to the TP-Link VX230v

When configuring your TP-Link VX230, it is recommended to connect your device directly to TP-Link modem with the wired Ethernet cable. If this is not possible you can connect your device via Wi-Fi

3.1 Connecting via an Ethernet Cable

Once the VX230v is connected successfully to power you can easily connect an Ethernet cable from the LAN ports to the Ethernet port of your computer or laptop. Please note, if using a Macbook or iMac you will need a Thunderbolt to Ethernet adapter to connect via this method

3.2 Connecting via Wi-Fi

Using your wireless device (e.g. computer), search for available wireless networks and select the network called TP-Link_XXXX (XXXX is a random 4 digit alpha-numeric code assigned to your VX230v). You can also select the network TP-Link_XXXX_5G if you wish to connect to 5GHz network which offers faster Wi-Fi speed (if your device supports it) then enter the Security Key. By default, the security key can be found printed on the barcode sticker on the underside of the device, click 'connect' or 'join'

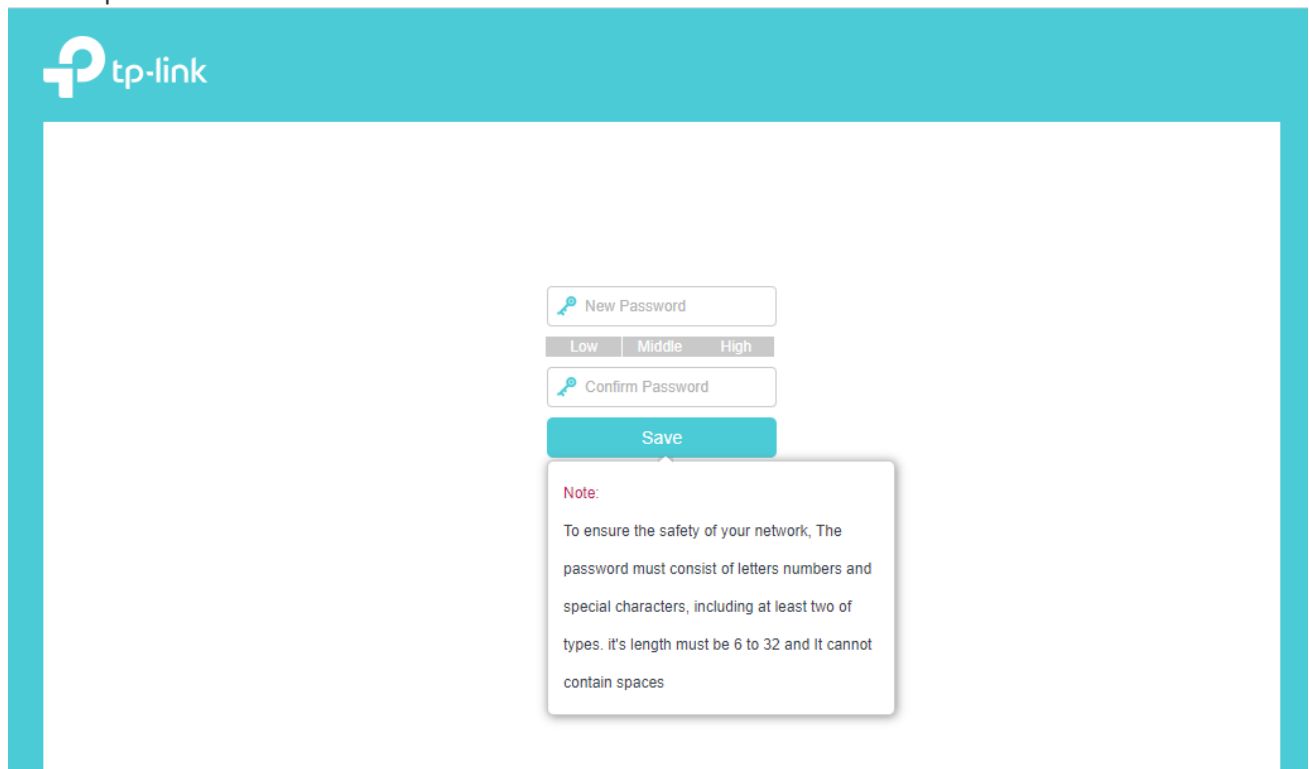
4. Accessing the administration portal

Once you've successfully connected to the VX230 via a Wi-Fi or Ethernet cable, you will be able to access the device using either of these URLs via a web-browser;

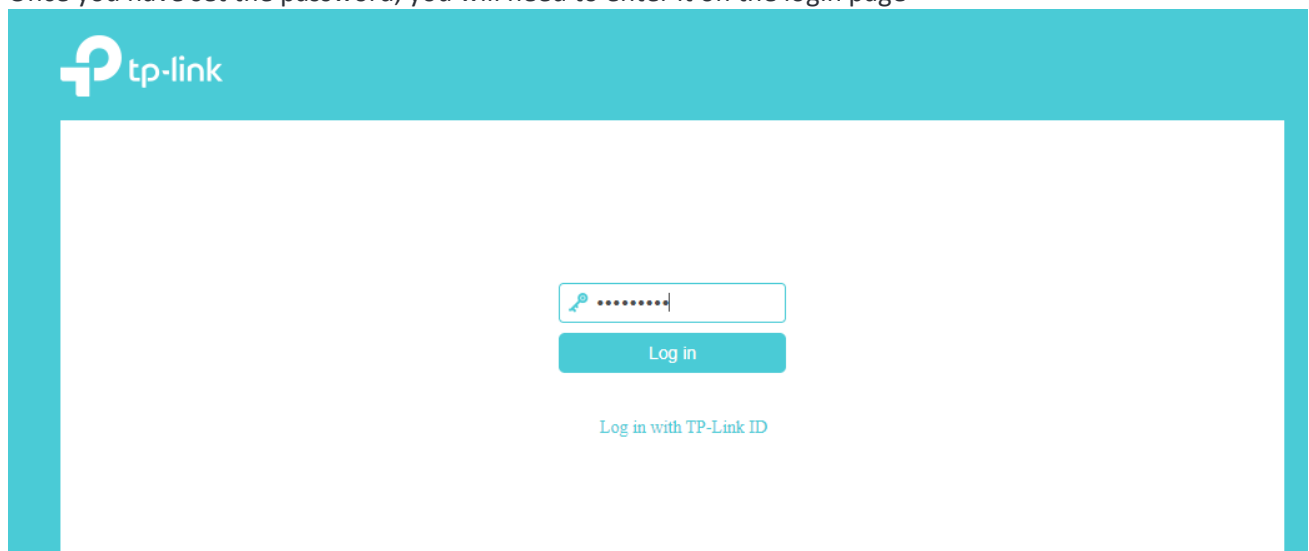
- <http://tplinkmodem.net>
- <http://192.168.1.1>

The first page you will reach is a page to set the password to your router. The VX230 access credentials will be one of two options:

- **Router when Preconfigured** – Password is set and provided by InfiNET
- **Router when Factory Reset** – The password will need to be reset. Contact InfiNET to obtain original password



Once you have set the password, you will need to enter it on the login page

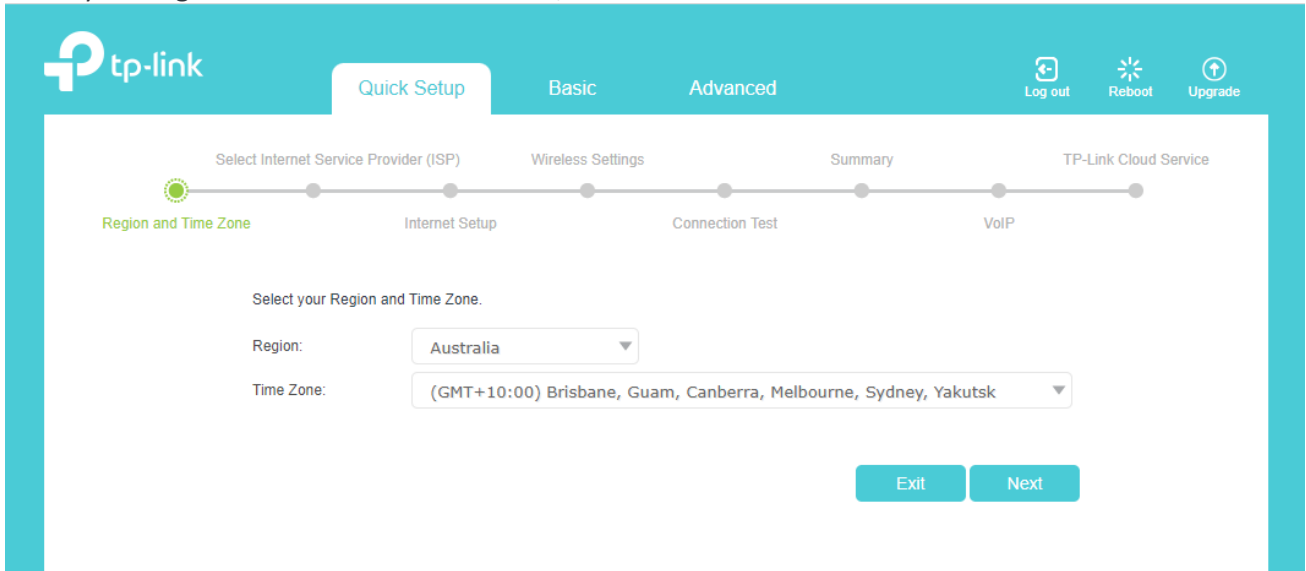


5. TP-Link VX230v Configuration

5.1 Initial set-up after factory reset

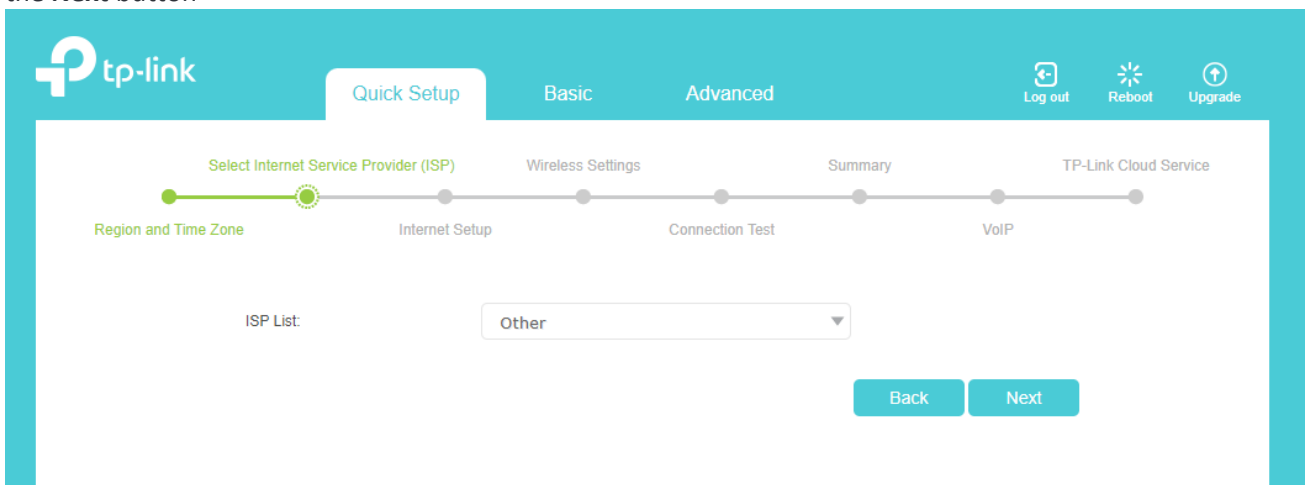
Once logged into the VX230 administration router portal you will be taken to the Quick Setup wizard.

Select your **Region** and **Time Zone**. Once done, click the **Next** button



The screenshot shows the TP-Link Quick Setup wizard interface. The top navigation bar includes the TP-Link logo, tabs for 'Quick Setup', 'Basic', and 'Advanced', and utility buttons for 'Log out', 'Reboot', and 'Upgrade'. A progress bar at the top indicates the current step: 'Region and Time Zone' (highlighted in green), followed by 'Internet Setup', 'Connection Test', 'Summary', and 'TP-Link Cloud Service'. The main content area contains the instruction 'Select your Region and Time Zone.' Below this, there are two dropdown menus: 'Region:' with 'Australia' selected, and 'Time Zone:' with '(GMT+10:00) Brisbane, Guam, Canberra, Melbourne, Sydney, Yakutsk' selected. At the bottom right, there are two buttons: 'Exit' and 'Next'.

Next, select your **Internet Service Provider (ISP)**, please select the option for **Other**. Once done, please click the **Next** button

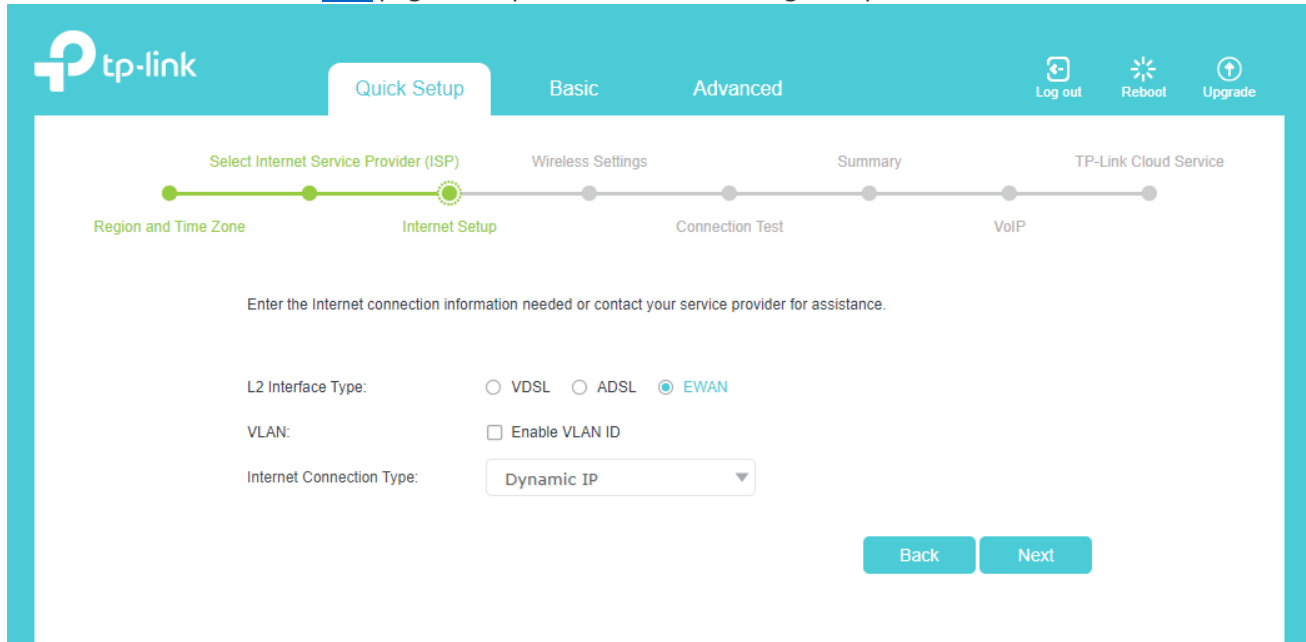


The screenshot shows the TP-Link Quick Setup wizard interface at the second step. The top navigation bar and progress bar are identical to the previous step. The progress bar now highlights 'Select Internet Service Provider (ISP)' in green. The main content area contains the instruction 'ISP List:' followed by a dropdown menu with 'Other' selected. At the bottom right, there are two buttons: 'Back' and 'Next'.

Under **Internet Setup**, the settings required for this are different for each connection. This is supplied in the initial configuration settings InfiNET send out when your service is activated. If you can't find this or are not sure which technology type your service uses, please contact InfiNET for further support. Once configured, please click **Next**

- **EWAN** = Connects using the TP-Link WAN Port (Ethernet Cable)
 - NBN FTTP/FTTC/HFC/Opticomm/HIR technologies*
- **VDSL** = Connects using the TP-Link DSL Port (phone cable)
 - NBN FTTB/FTTN technologies*

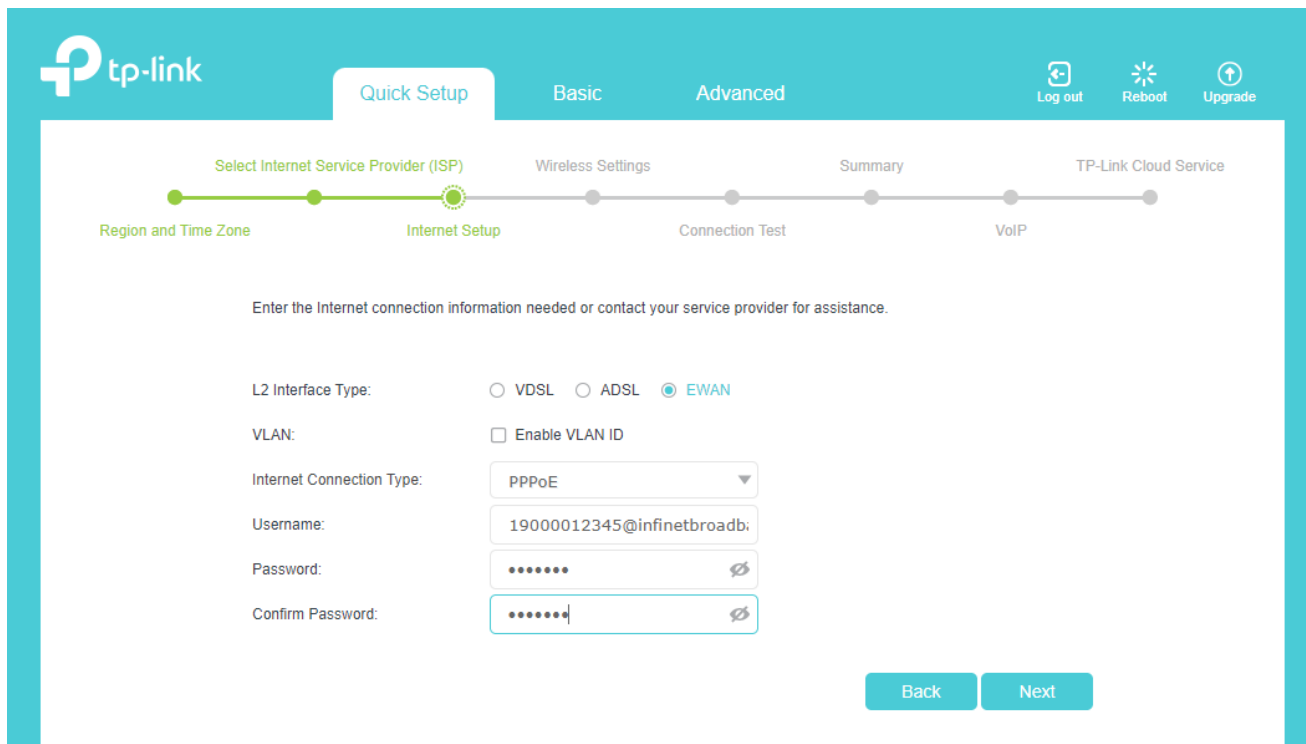
*Visit InfiNET Broadbands [FAQ](#) page for explanations of Technologies Explained



The screenshot shows the TP-Link Quick Setup interface. The 'Internet Setup' step is active. The configuration options are:

- L2 Interface Type: VDSL ADSL EWAN
- VLAN: Enable VLAN ID
- Internet Connection Type: Dynamic IP (selected in dropdown)

Buttons for 'Back' and 'Next' are visible at the bottom right.

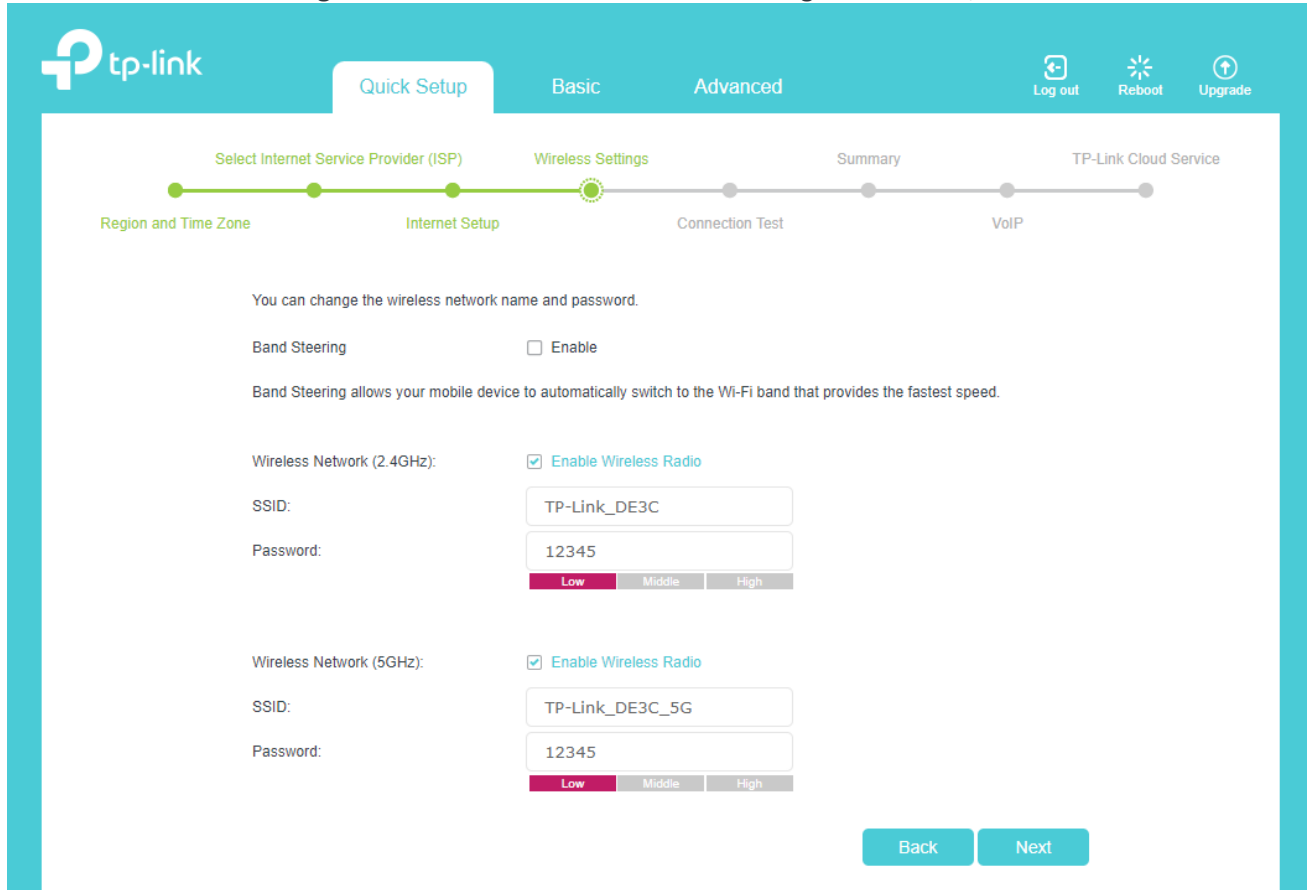


The screenshot shows the TP-Link Quick Setup interface. The 'Internet Setup' step is active. The configuration options are:

- L2 Interface Type: VDSL ADSL EWAN
- VLAN: Enable VLAN ID
- Internet Connection Type: PPPoE (selected in dropdown)
- Username: 19000012345@infinetbroadb.
- Password: [masked]
- Confirm Password: [masked]

Buttons for 'Back' and 'Next' are visible at the bottom right.

Under the **Wireless Settings** leave this section as the default settings. Once done, click the **Next** button.



tp-link

Quick Setup Basic Advanced

Log out Reboot Upgrade

Select Internet Service Provider (ISP) Wireless Settings Summary TP-Link Cloud Service

Region and Time Zone Internet Setup Connection Test VoIP

You can change the wireless network name and password.

Band Steering Enable

Band Steering allows your mobile device to automatically switch to the Wi-Fi band that provides the fastest speed.

Wireless Network (2.4GHz): Enable Wireless Radio

SSID: TP-Link_DE3C

Password: 12345

Low Middle High

Wireless Network (5GHz): Enable Wireless Radio

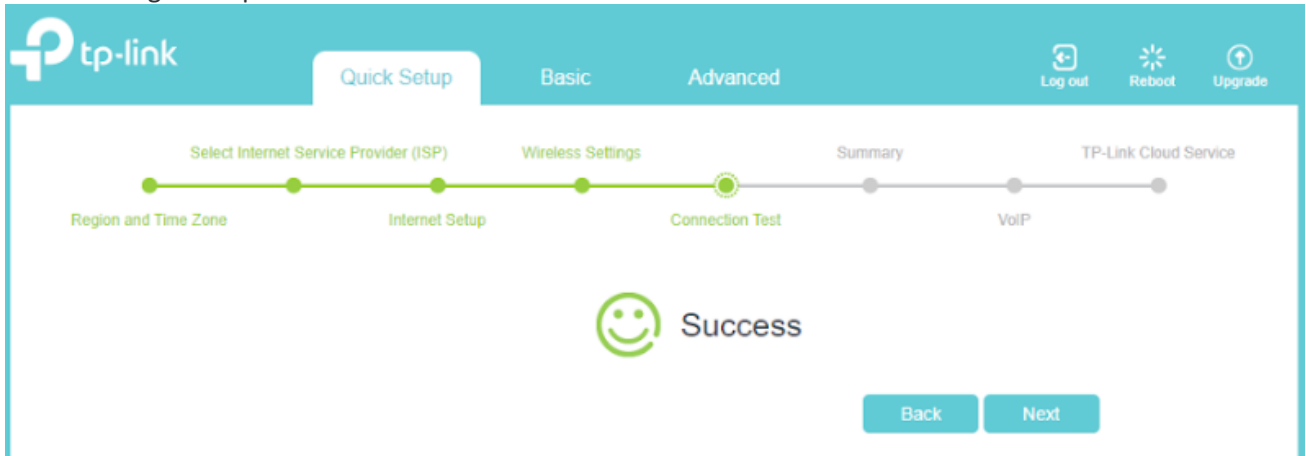
SSID: TP-Link_DE3C_5G

Password: 12345

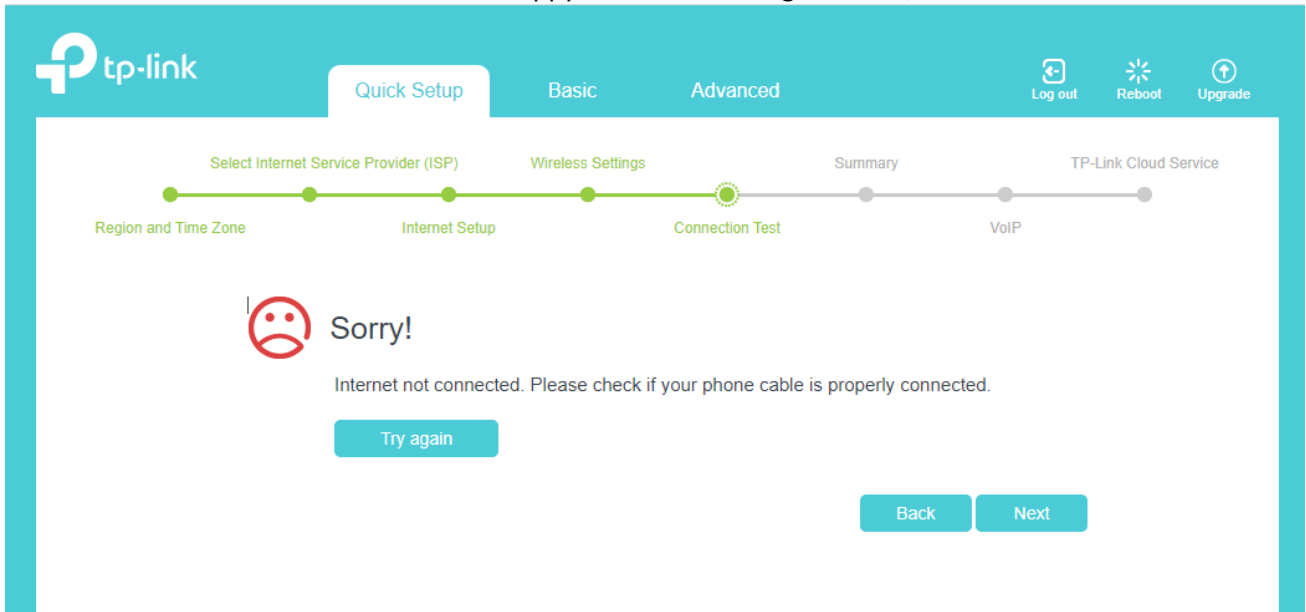
Low Middle High

Back Next

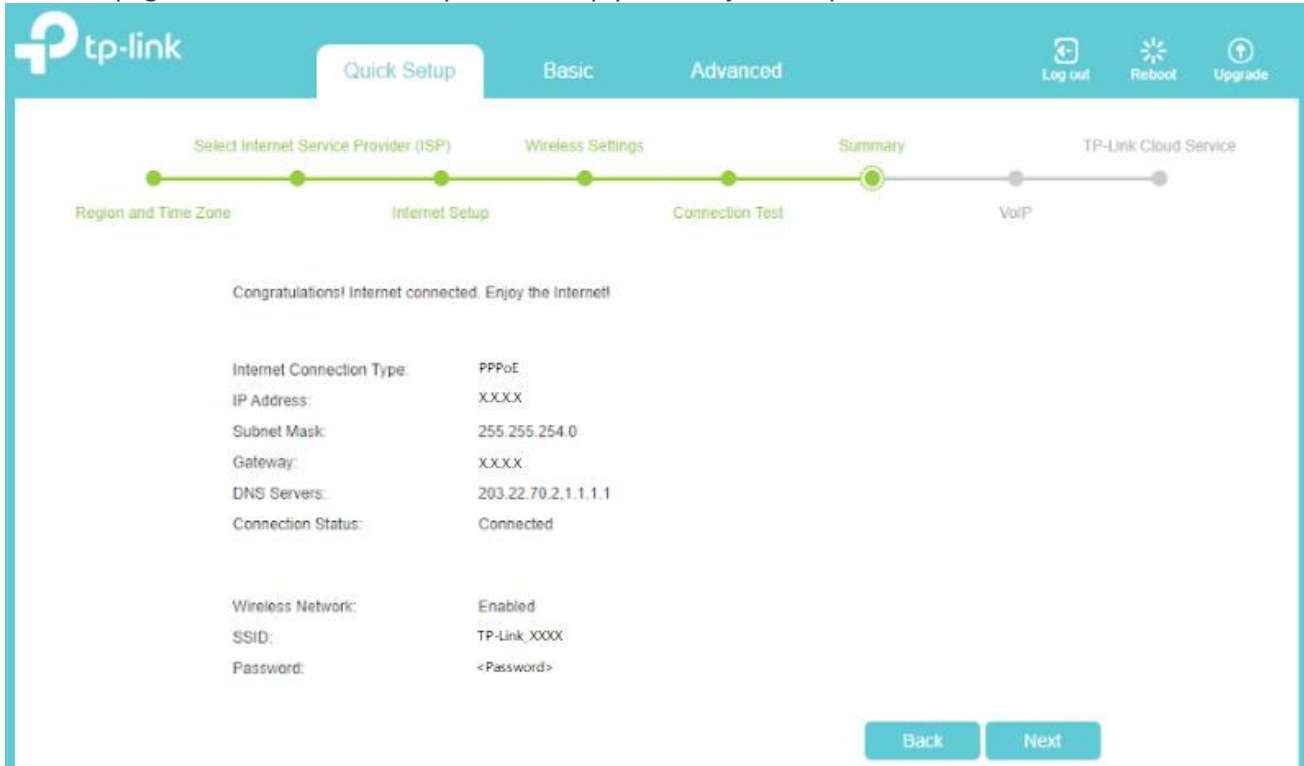
The next step is the **Connection Test**, this will confirm if the details you have entered as well as how the device is plugged in are correct and you are able to connect to the internet. If all goes to plan, you will get the following. Then please click the **Next** button.



If you receive the “**Sorry!**” message, please click **Next** button to continue. At the end of the Wizard, please contact InfiNET and we will be more than happy to assist resolving the issue/s.



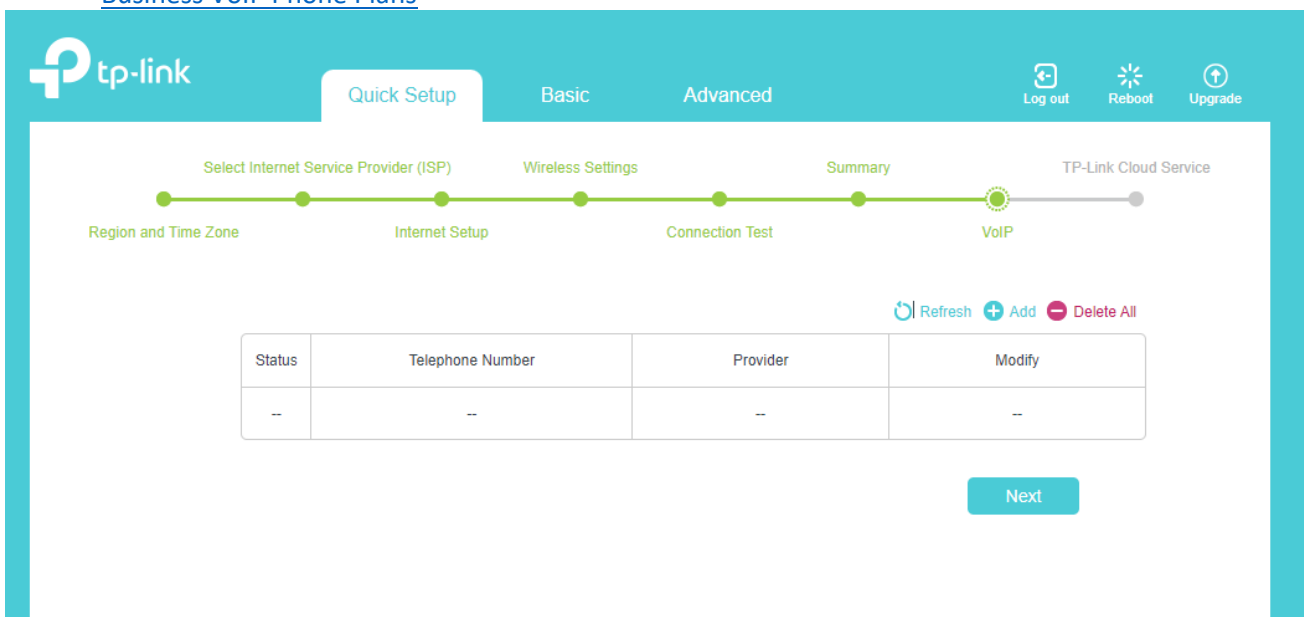
The next page will show the summary of the setup you have just completed. Please click the **Next** button.



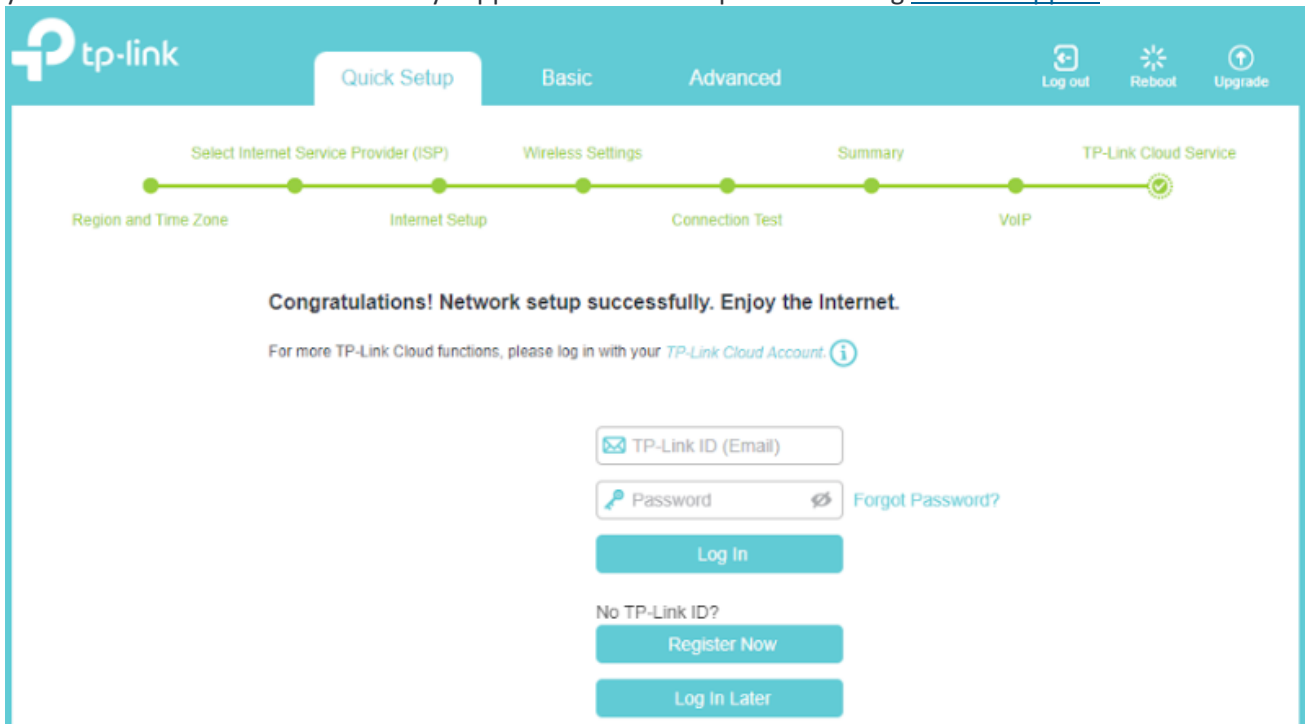
The next page is only required if you have purchased a VoIP Phone service through InfiNET and use the TP-Link to connect the DECT phone to. Please click **Next** button to continue. At the end of the Wizard, please contact InfiNET and we will be more than happy to assist configuring this for you.

More information of VoIP Phones and pricing, just visit our website here:

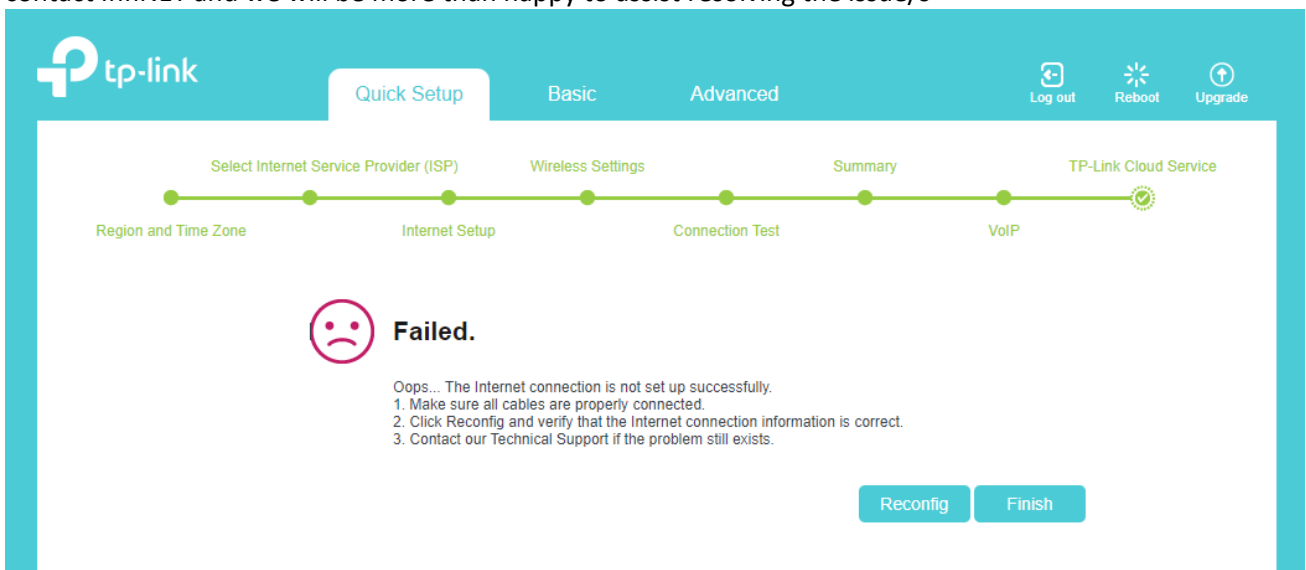
- [Residential VoIP Phone Plans](#)
- [Business VoIP Phone Plans](#)



The final screen/step is the **TP-Link Cloud Service** Please just click on **Log In Later** If you would like to sign up you are welcome to. Please note any support on this will require contacting [TP-Link Support](#)



If you receive the “Failed.” message, please click **Finish** button to continue. At the end of the Wizard, please contact InfiNET and we will be more than happy to assist resolving the issue/s

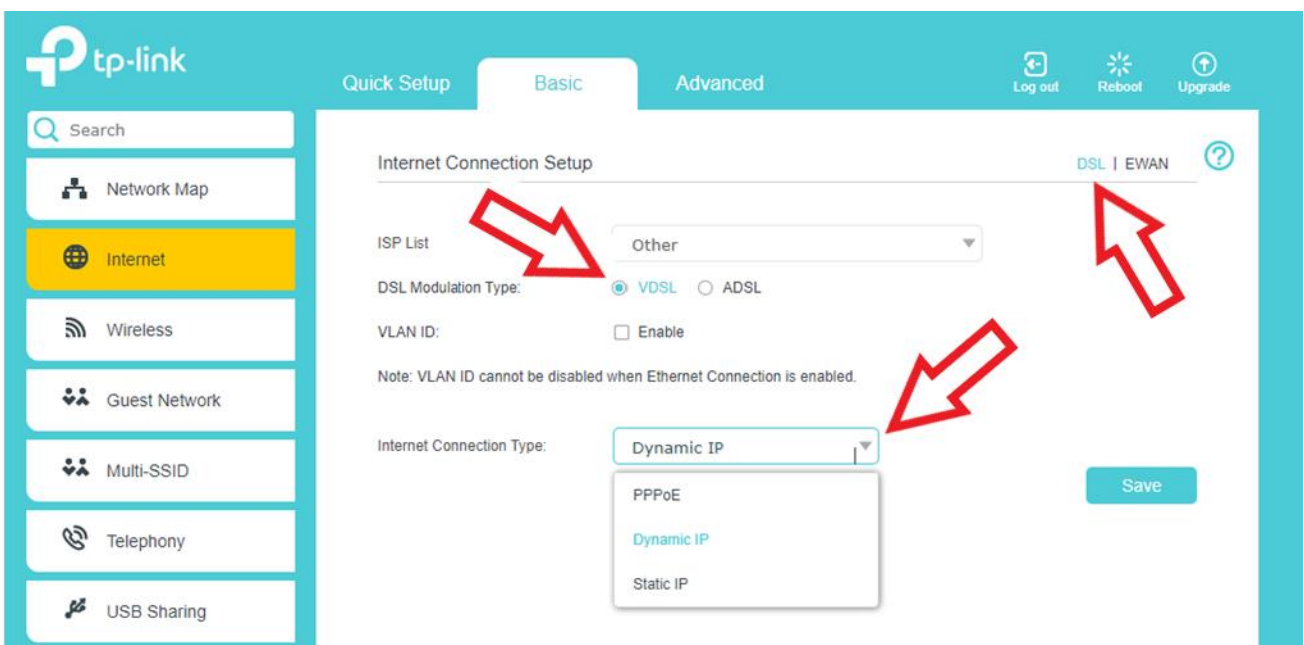
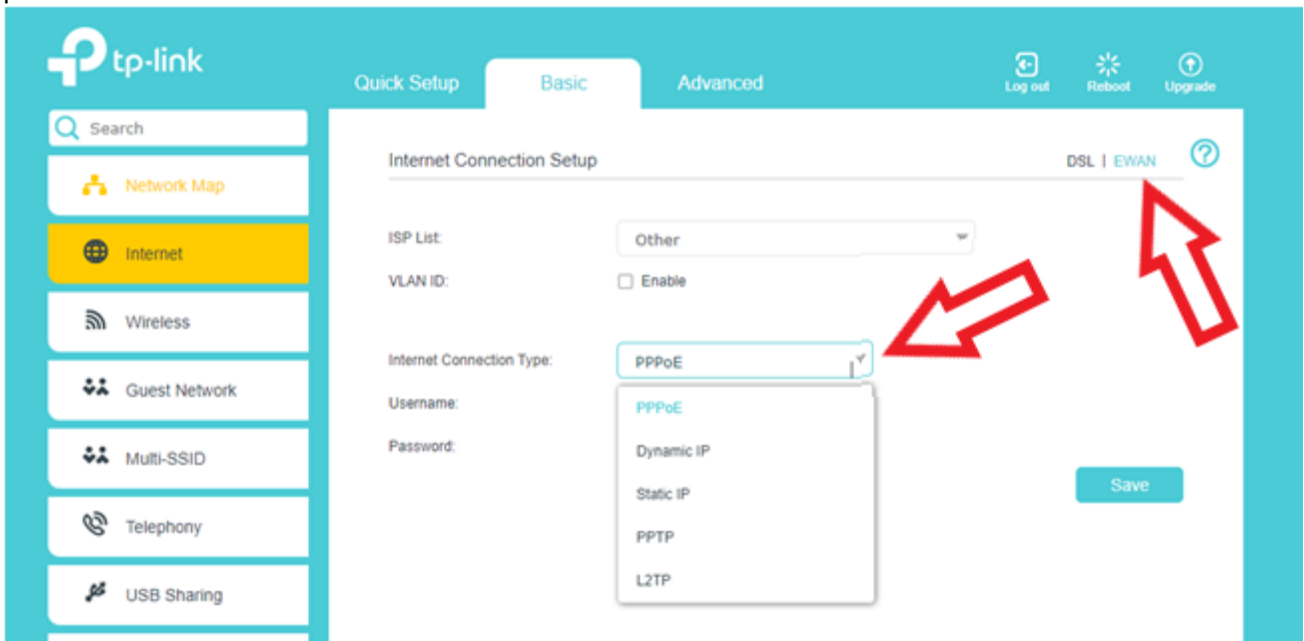


5.2 Modifying/Updating Internet Connection Settings

To check or update the TP-Link VX230 internet settings, login to the modem as shown in [Section 4](#) of this document.

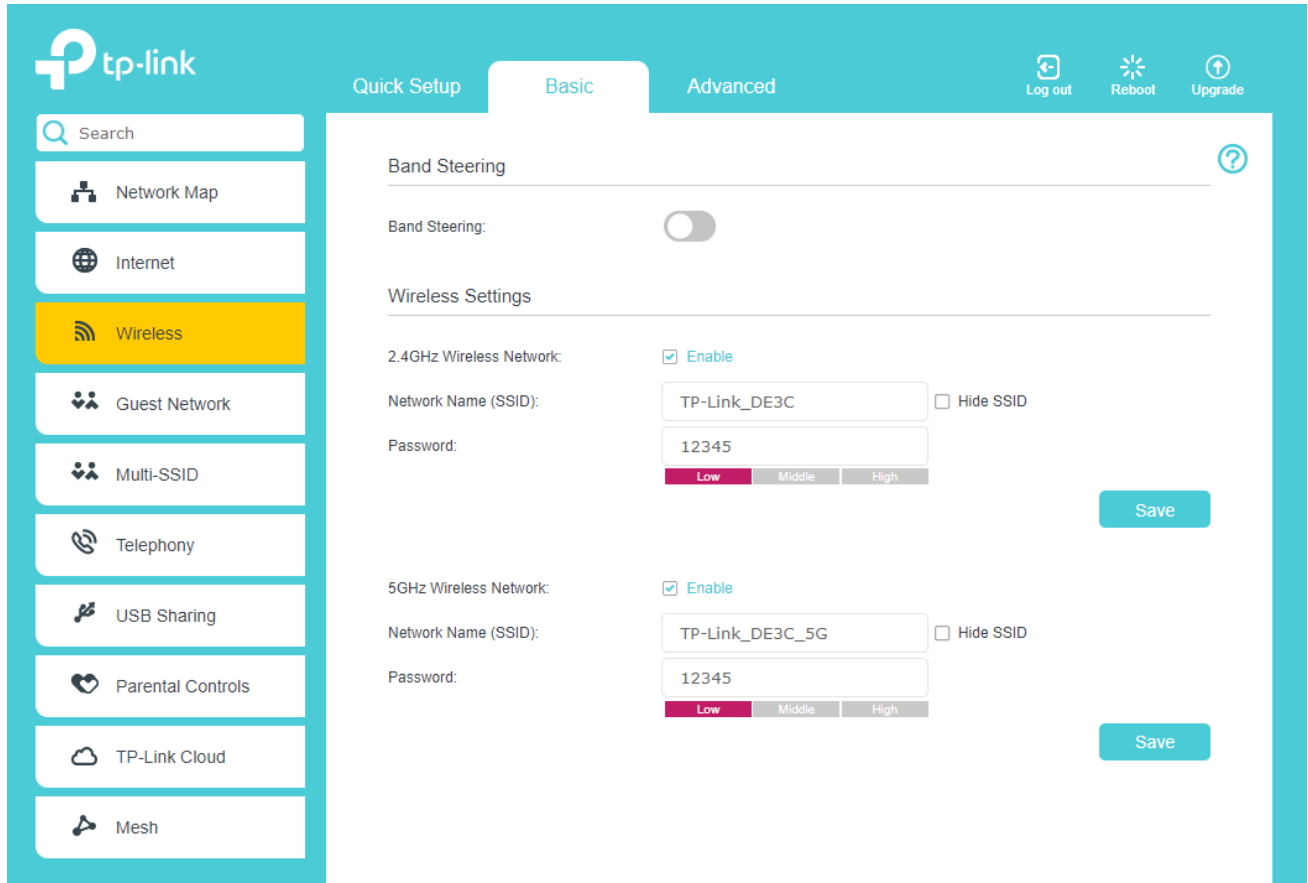
Click on the **Internet** Tab and select **EWAN** or **DSL** depending on the technology type at your service address

From the **Internet Connection Type** drop down, select the type required. This information is supplied in the initial configuration settings InfiNET send out when your service is activated. If you can't find this or are not sure which technology type your service uses, please contact InfiNET for further support. Once configured, please click **Next**



5.3 Modifying/Updating Wireless Settings

If you want or need to change the TP-Link VX230 wireless settings, login to the modem as shown in [Section 4](#) of this document. Here you can change the name of the network name (SSID) and the password.



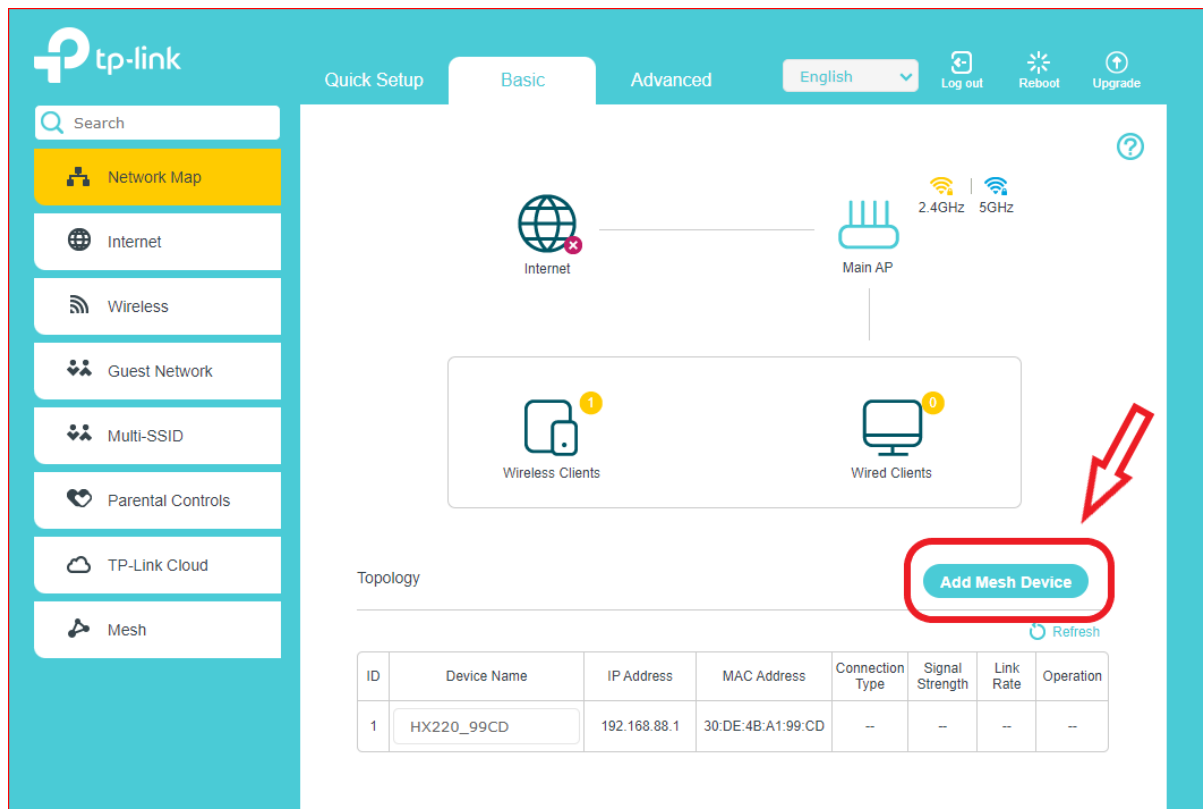
The screenshot displays the TP-Link web interface for the VX230v modem. The interface is divided into three main sections: Quick Setup, Basic, and Advanced. The 'Basic' section is currently selected. On the left side, there is a navigation menu with options: Network Map, Internet, Wireless (highlighted in yellow), Guest Network, Multi-SSID, Telephony, USB Sharing, Parental Controls, TP-Link Cloud, and Mesh. The main content area shows the 'Wireless Settings' section. At the top, there is a 'Band Steering' toggle switch which is currently turned off. Below this, the 'Wireless Settings' section is divided into two parts: '2.4GHz Wireless Network' and '5GHz Wireless Network'. Both are currently enabled. For the 2.4GHz network, the Network Name (SSID) is 'TP-Link_DE3C' and the Password is '12345'. There is a 'Hide SSID' checkbox which is unchecked. For the 5GHz network, the Network Name (SSID) is 'TP-Link_DE3C_5G' and the Password is '12345'. There is also a 'Hide SSID' checkbox which is unchecked. Below each network configuration, there are three radio buttons for password strength: 'Low' (selected), 'Middle', and 'High'. A 'Save' button is located to the right of each network configuration.

6. Adding a TP-Link HX220 (Wireless)

The TP-Link VX230 allows you to add additional HX220 devices to create a Wi-Fi mesh network to increase the coverage of your Wi-Fi network and remove dead-zones.

To do this, login to the TP-Link VX230 modem as shown in [Section 4](#) of this document. Under the **Network Map** tab, click on **Add Mesh Device** button

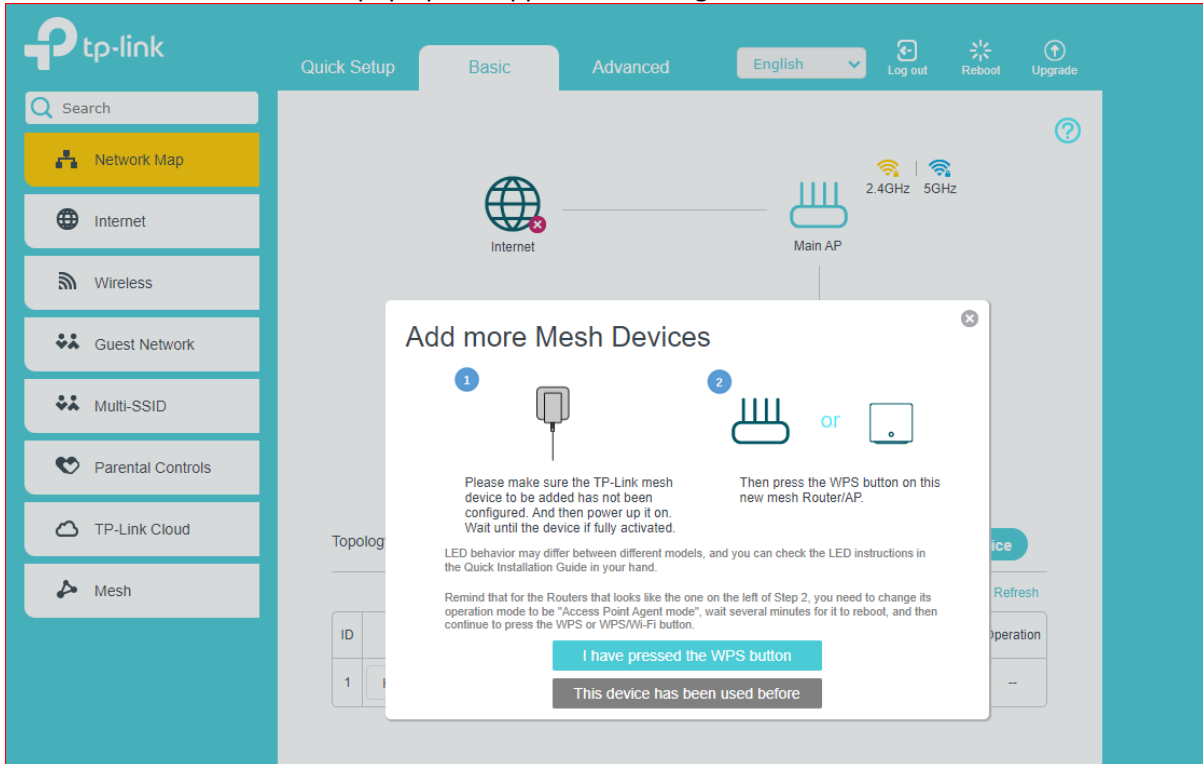
Make sure that you have the TP-Link HX220 unit powered on and sitting close to the main TP-Link VX230 (within 1m) with the LED flashing blue.



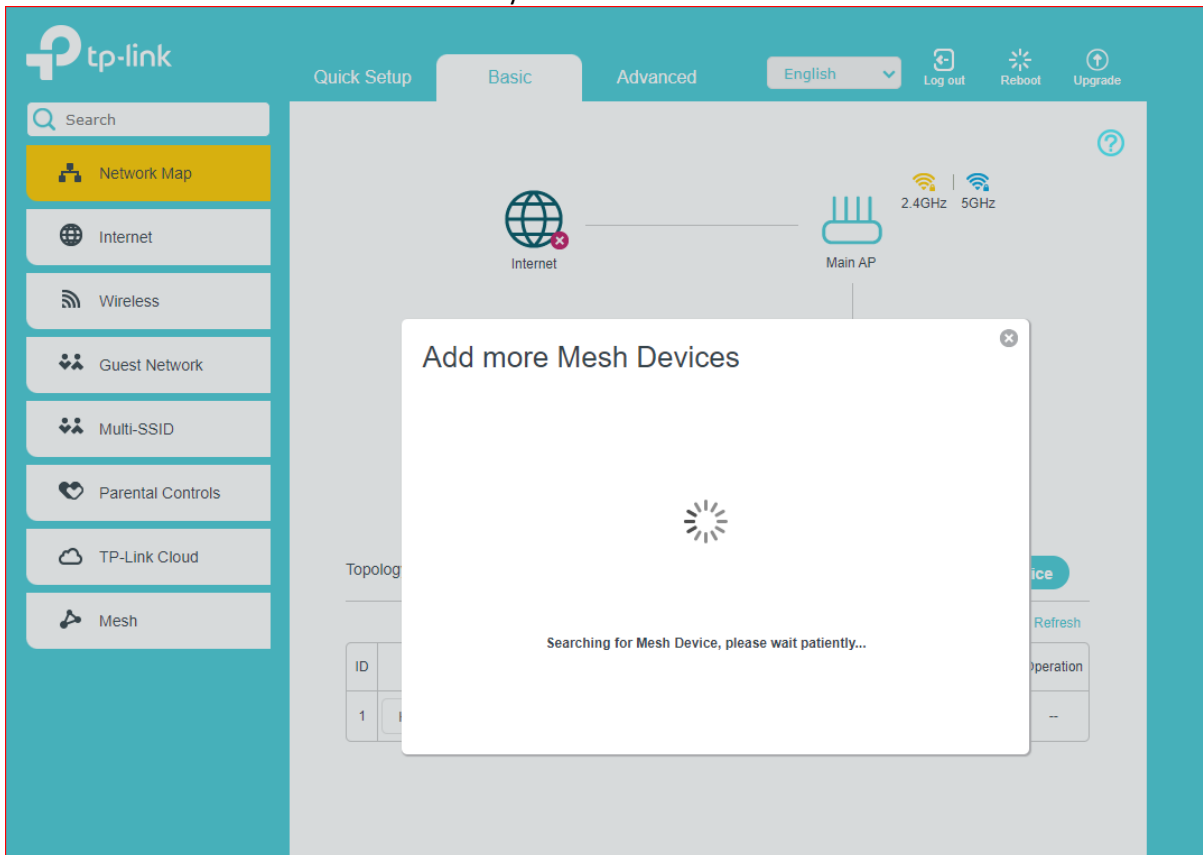
The screenshot shows the TP-Link web interface with the 'Basic' tab selected. The 'Network Map' section displays a diagram with 'Internet', 'Main AP', 'Wireless Clients' (1), and 'Wired Clients' (0). A red arrow points to the 'Add Mesh Device' button, which is circled in red. Below the network map is a 'Topology' section with a 'Refresh' button and a table.

ID	Device Name	IP Address	MAC Address	Connection Type	Signal Strength	Link Rate	Operation
1	HX220_99CD	192.168.88.1	30:DE:4B:A1:99:CD	--	--	--	--

The **Add more Mesh Devices** pop up will appear. Following the instructions outlined

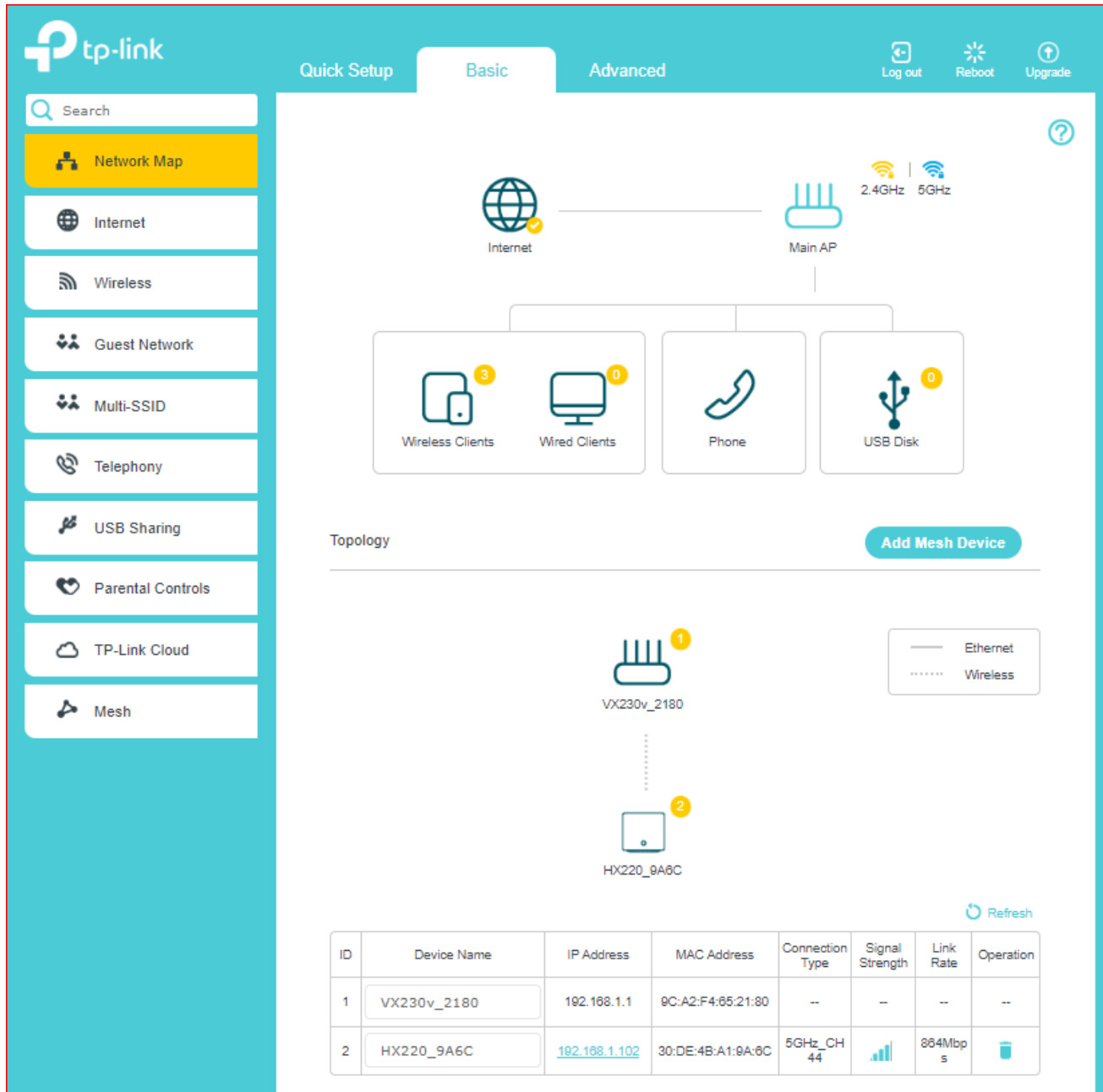


Once the new TP-Link HX220 is successfully added. You can add more or click Finish





Once the TP-Link HX220 is connected and you click “Finish” you will see the new HX220 showing connected under the Topology.

Note: Please leave the HX220 in place and powered on, for at least 2-3mins until the LED stops flashing blue and goes to a solid white. Once the TP-Link HX220 has a white LED, you can power if off and re-locate it. It must stay in range of the TP-Link VX230 to maintain the Mesh Network



The screenshot shows the TP-Link web interface with the 'Basic' tab selected. The 'Network Map' section displays a central 'Main AP' connected to 'Internet'. Below it, there are categories for 'Wireless Clients' (3), 'Wired Clients' (0), 'Phone', and 'USB Disk' (0). The 'Topology' section shows a diagram where the 'VX230v_2180' is connected to the 'HX220_9A6C' via a wireless connection. A legend indicates that solid lines represent Ethernet and dotted lines represent Wireless connections. A table below the topology provides details for each device.

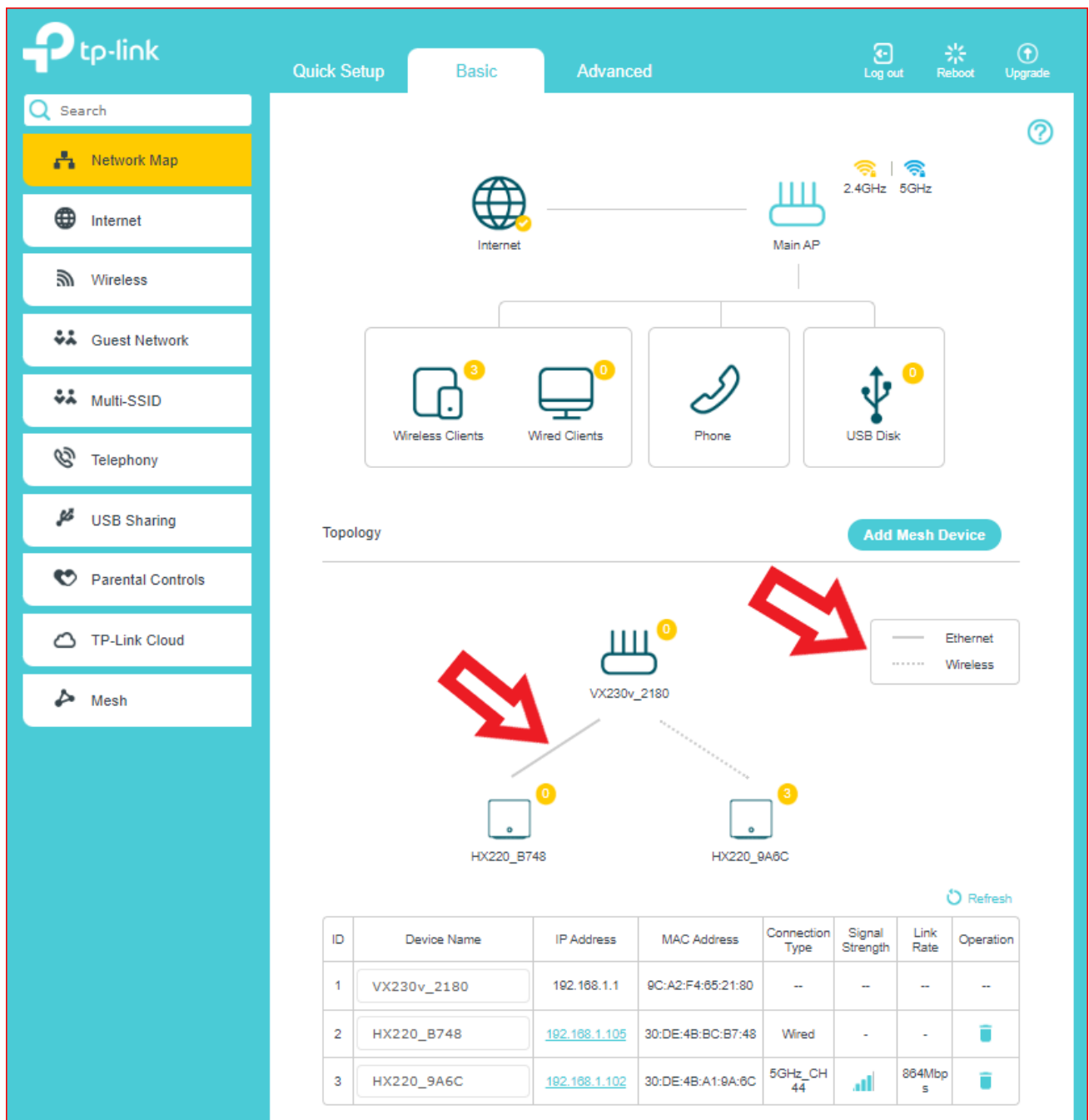
ID	Device Name	IP Address	MAC Address	Connection Type	Signal Strength	Link Rate	Operation
1	VX230v_2180	192.168.1.1	9C:A2:F4:65:21:80	--	--	--	--
2	HX220_9A6C	192.168.1.102	30:DE:4B:A1:9A:6C	5GHz_CH 44		864Mbps	

7. Adding a TP-Link HX220 (Ethernet)

The TP-Link VX230 allows you to add additional HX220 devices to create a Wi-Fi mesh network to increase the coverage of your Wi-Fi network and remove dead-zones.

Make sure that you have the TP-Link HX220 unit powered on, with the LED flashing blue. Connect the HX220 WAN port to one of the TP-Link VX230 LAN ports using an ethernet cable. Once correctly connected, the TP-Link HX220 LED will turn solid white.

To check the connection, login to the TP-Link VX230 modem as shown in [Section 4](#) of this document. Under the **Network Map** tab you will see the TP-Link HX220 connected (solid grey line indicates it's connected using the Ethernet cable)



Network Map

- Internet
- Main AP (2.4GHz | 5GHz)
- Wireless Clients: 3
- Wired Clients: 0
- Phone: 0
- USB Disk: 0

Topology

- VX230v_2180 (Main AP)
 - Connected via Ethernet to HX220_B748
 - Connected via Wireless to HX220_9A6C

Legend: — Ethernet, Wireless

ID	Device Name	IP Address	MAC Address	Connection Type	Signal Strength	Link Rate	Operation
1	VX230v_2180	192.168.1.1	9C:A2:F4:65:21:80	--	--	--	--
2	HX220_B748	192.168.1.105	30:DE:4B:BC:B7:48	Wired	-	-	
3	HX220_9A6C	192.168.1.102	30:DE:4B:A1:9A:6C	5GHz_CH 44		864Mbps	