



# DishyDock RV WI-FI Router

## User Guide 2024v1

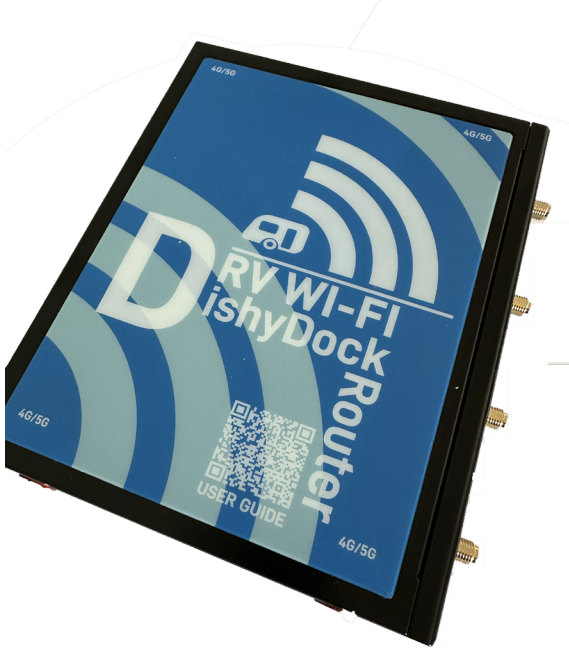
This purchase will give you greater freedom to link your Starlink Satellite system and enjoy your travelling without sacrificing the lifestyle that the internet provides.

# What makes up your RV Wi-Fi Dishy Dock Router

Congratulations on your purchase of an RV Wi-Fi Router.

The RV WIFI DishyDock Router is the third kit in the Starlink Integration System. It works alongside the DishyDocks to connect Dishy to your RV and DishyDock Power, which converts your Starlink system to 12 volts. Our superior WIFI range is what makes RV WIFI routers the simple choice in RV routers.

RV WIFI DishyDock Router



WIFI Antenna's



Mounting Bracket



Ethernet Cable



12V Power Cable



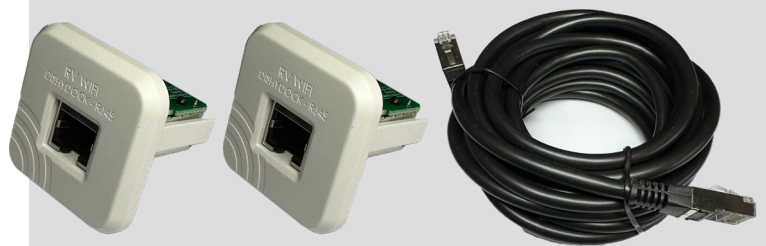
Other kits available in the DishyDock system

### Kit 1. DishyDock Ports (enclosed setup)

Connects your Starlink Dishy to your caravan or RV with ease.

Includes: 2 x DishyDock Ports

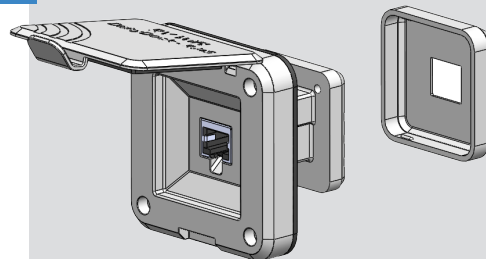
1 x 5m AWG23 Shielded Ethernet Cable



### Kit 1a. DishyDock Ports (external setup)

Connects your Starlink Dishy to your caravan or RV with ease. It can be used in an external set up.

Includes: 1x DishyDock Waterproof Port



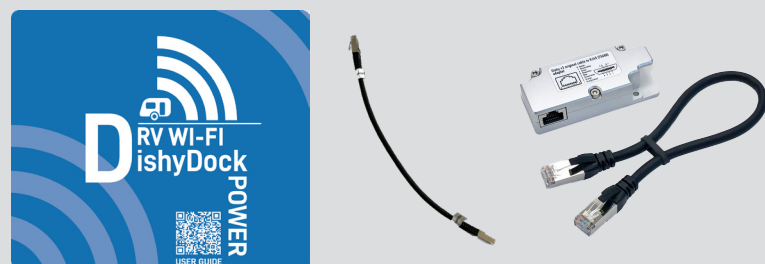
### Kit 2. DishyDock Power

Converts your Starlink System to 12volt operations.

Includes: 1 x DishyDock Power Unit

1 x 300mm AWG23 Shielded Ethernet Cable

1 x Starlink adapter (for Version 2 Dishy's )



### Kit 3. RV WIFI5G Router (upgrade to DishyDock Router)

Upgrade to RV WIFI5G for the perfect integration. 5G access during traveling when Starlink is not operational.

Includes: 5G router, antenna's, 300mm AWG23 Sheilded Ethernet Cable, brackets, 12 volt power supply and SIM starter kit



# Installing your RV Wi-Fi DishyDock Router

1	Position your router next to the internal DishyDock Port, DishyDock Power and a double 12volt power socket.
2	Screw the 4 x Wi-Fi antenna's into the Wi-Fi ports on the control Panel. NB: the ports top and bottom are for the upgradable RV WIFI 5G router.
3	IMPORTANT: plug the ethernet cable labelled 'BLUE-WAN PORT' into the BLUE WAN PORT on the side panel of the router. DO NOT put this cable into the YELLOW LAN PORTS of the router.
4	Insert opposite end of the ethernet cable into RV WIFI DishyDock Power. Insert into the port labelled 'DishyDock Router'.
5	Insert the 12 volt power adapter into power jack on the side panel of the RV Wi-Fi DishyDock Router.
6	Insert the power cord into 12v power point turn on. NB: This unit is not to be hardwired unless discussed with an RV WIFI representative first.



## Turning on your RV Wi-Fi DishyDock Router

1	Place the end of the power adapter into the 'Power' slot.
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# Connecting your DishyDock System together

1

Position your Dishy as requested in the Starlink User guide.  
Plug the Dishy Cable into the DishyDock.  
For version 2 Dishy's you will require the adapter.



2

Position the four parts of the DishyDock System together in an accessible location inside your Caravan/RV.

NB: must be at least 1.5m from solar inverter



3

Insert one end of the 300mm ethernet cable (DD Port/DD Power) into  
1. the DishyDock Port  
2. DishyDock Power RJ45 port labelled 'Dishy'



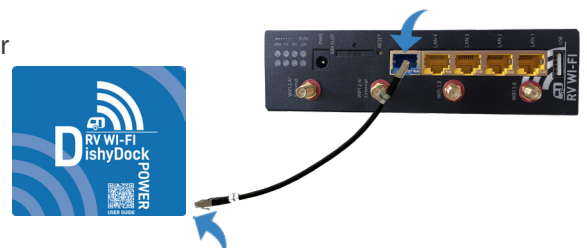
4

Insert the 12v power plug into one of the 12 volt wall sockets

5

Insert the second 300mm ethernet cables (DD router/Blue WAN Port) into  
1. DishDock Power RJ45 port labelled 'DishyDock Router'  
2. Blue WAN port of Router.

**NB: DO NOT USE YELLOW LAN PORTS**



6

Insert the 12 volt power adapter into the Router.



7

Insert the 12 volt power adapter into the second power socket and turn system on.

# Connecting your device via Wi-Fi to your RV Wi-Fi DishyDock Router

1

Turn on the device/s (phone/laptop etc.), that you wish to connect to the internet.

2

Click on: 'Settings' or equivalent page on your device

3

Click on : 'Wi-Fi' and choose the RV Wi-Fi network: On some devices you will notice that RV Wi-Fi comes up twice with the same series of letters and numbers, but 5.8 included. This is because newer devices recognise the faster 5.8 Wi-Fi as well as the standard 2.4.

Click on the 5.8 option if available.

You will need to set passwords for both versions if available. This is simply completing the process for one, then repeating it again for the other.

4

You will be asked for the Wi-Fi password or Security Key.

5

Type in: rvwifi1234 (all lower case, no gaps)

6

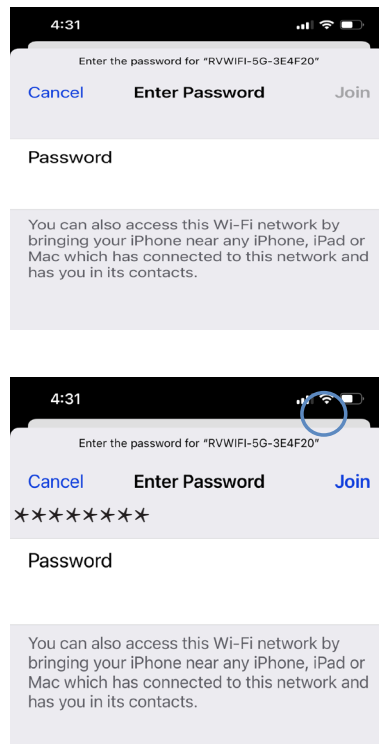
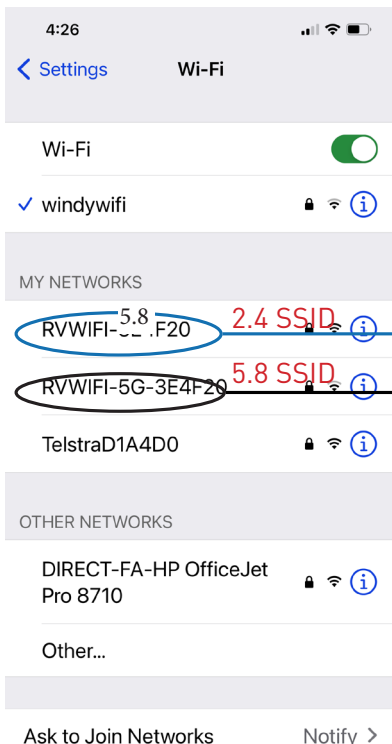
Click the: 'Connect Automatically' Box

7

Click: 'Connect',



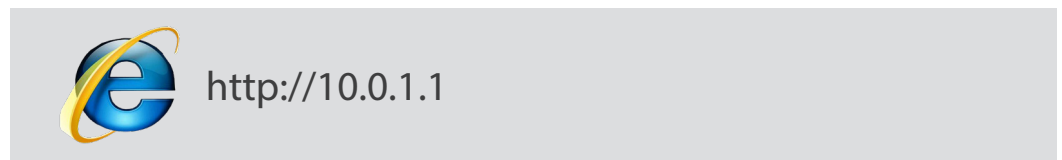
Scan to watch:  
How to connect your smart device to RV Wi-Fi



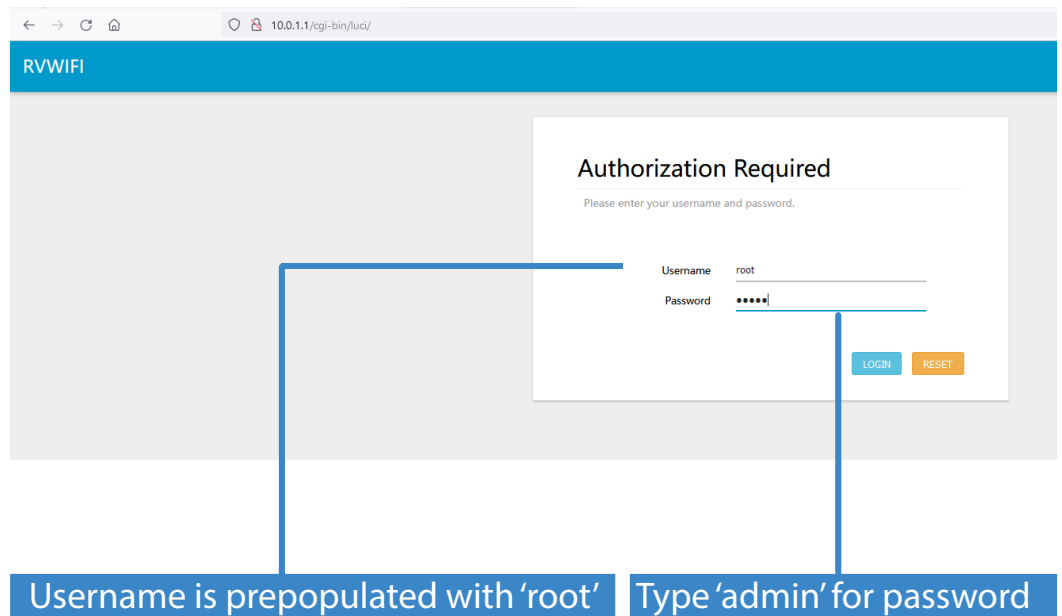
## Setting your Wi-Fi Password.

One of the great features of RV Wi-Fi is the security it provides whilst using the internet. This next section provides step by step instructions on setting your Wi-Fi password.

1. Open the web/internet browser on your device and enter the address `http://10.0.1.1` into the 'search' bar.



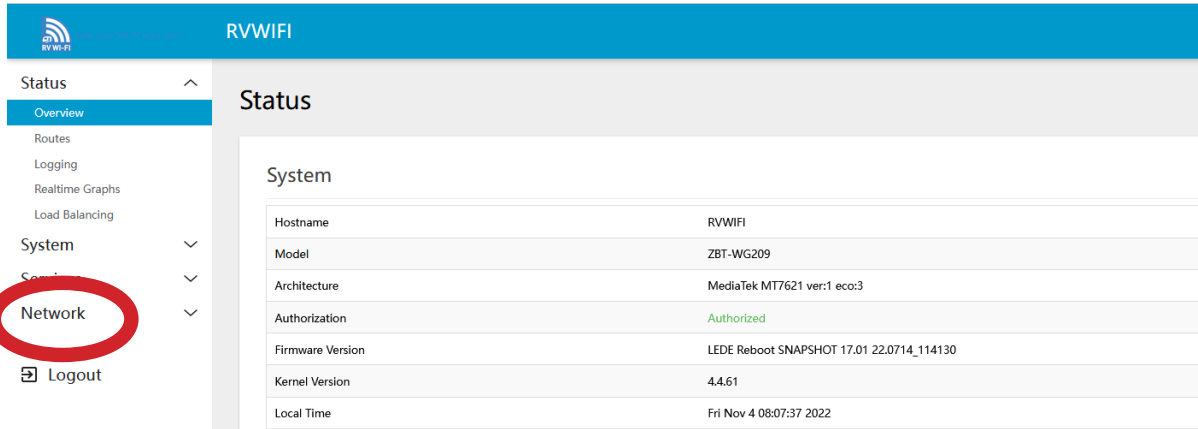
2. The RV Wi-Fi home page will appear.



3. You are about to enter the username and password.  
You **MUST** enter the username 'root' and the password 'admin'. Failure to do so will result in the router requiring resetting. The 'root' password **CANNOT** be changed and is prepopulated.



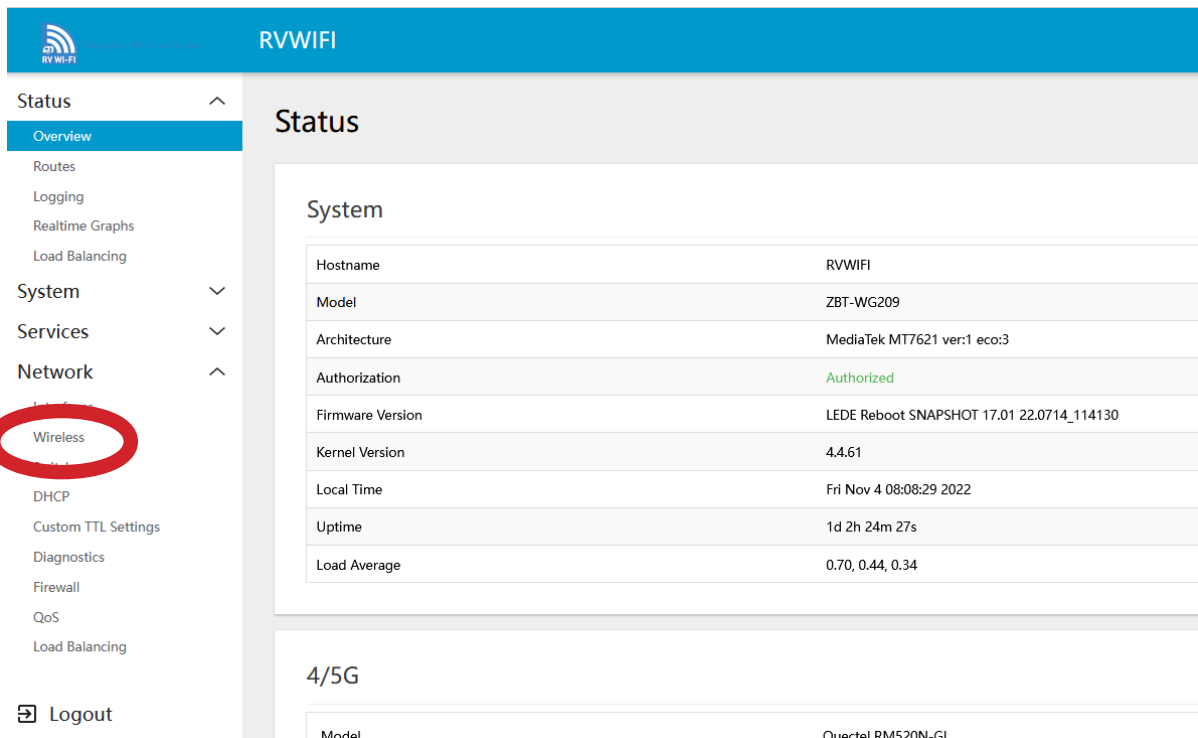
4. Select/click on the following tab:  
1. Network.



The screenshot shows the RVWiFi web interface. The left sidebar has a menu with 'Network' circled in red. The main content area is titled 'Status' and contains a 'System' table with the following data:

System	
Hostname	RVWIFI
Model	ZBT-WG209
Architecture	MediaTek MT7621 ver:1 eco:3
Authorization	Authorized
Firmware Version	LEDE Reboot SNAPSHOT 17.01 22.0714_114130
Kernel Version	4.4.61
Local Time	Fri Nov 4 08:07:37 2022

5. Select/click on the dropdown box:  
1. Wireless



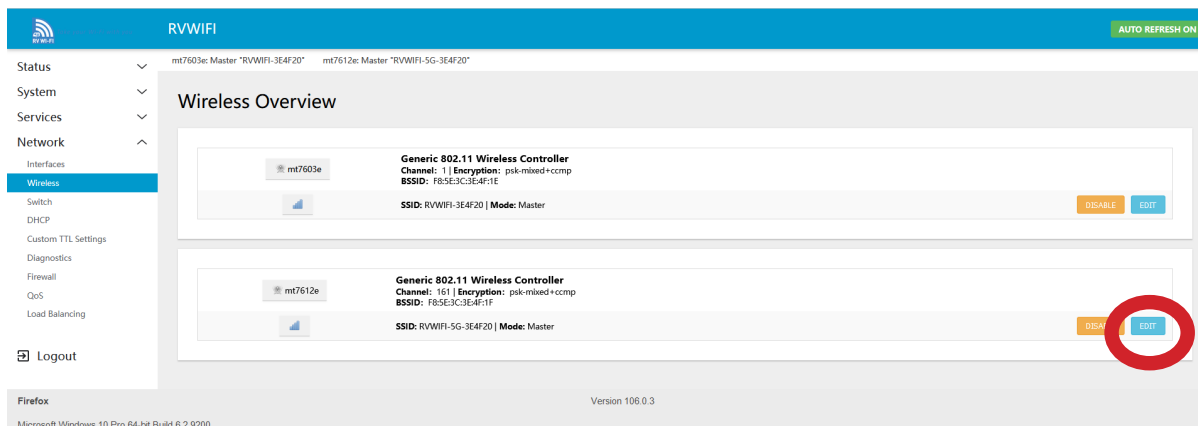
The screenshot shows the RVWiFi web interface with the 'Wireless' tab selected in the sidebar. The main content area is titled 'Status' and contains a 'System' table with the following data:

System	
Hostname	RVWIFI
Model	ZBT-WG209
Architecture	MediaTek MT7621 ver:1 eco:3
Authorization	Authorized
Firmware Version	LEDE Reboot SNAPSHOT 17.01 22.0714_114130
Kernel Version	4.4.61
Local Time	Fri Nov 4 08:08:29 2022
Uptime	1d 2h 24m 27s
Load Average	0.70, 0.44, 0.34

Below the System table, there is a section for '4/5G' with a table containing the following data:

4/5G	
Model	Quectel RM520N-GL

6. You will see two options here and will need to complete both. Choose the 5.8 option first as shown below.  
Select/Click on the 'Edit' box



The screenshot shows the RVWiFi web interface with the 'Wireless Overview' page. The left sidebar has 'Wireless' selected. The main content area shows two wireless controller entries. The second entry, 'Generic 802.11 Wireless Controller' with SSID 'RVWIFI-5G-3E4F20', has an 'EDIT' button circled in red.

Wireless Overview	
mt7603e	Generic 802.11 Wireless Controller Channel: 1   Encryption: psk-mixed+ccmp BSSID: F85E3C3E4F1E SSID: RVWIFI-3E4F20   Mode: Master [DISABLE] [EDIT]
mt7612e	Generic 802.11 Wireless Controller Channel: 161   Encryption: psk-mixed+ccmp BSSID: F85E3C3E4F1F SSID: RVWIFI-5G-3E4F20   Mode: Master [DISABLE] [EDIT]



## 7. Go to the 'Interface Configuration' Section.

- Click on the 'Wireless Security' tab.

The screenshot shows the RVWiFi configuration interface. The top navigation bar includes the RVWiFi logo, the text 'RVWiFi', and an 'AUTO REFRESH ON' button. A left sidebar contains a menu with categories: Status, System, Services, Network, Interfaces, Wireless, Switch, DHCP, Custom TTL Settings, Diagnostics, Firewall, QoS, Load Balancing, and Logout. The main content area is titled 'Wireless Network: Master "RVWiFi-5,8-3E4F20" (mt7612e.network1)'. Below this title is a 'Device Configuration' section with tabs for 'General Setup' and 'Advanced Settings'. The 'Advanced Settings' tab is active, showing fields for Status (SSID: RVWiFi-5G-3E4F20), Mode (802.11a/n/ac), and Channel (Auto). Below this is the 'Interface Configuration' section, which has tabs for 'General Setup' and 'Wireless Security'. The 'Wireless Security' tab is selected and circled in red. It shows fields for ESSID (RVWiFi-5G-3E4F20), Mode (Access Point), Network (lan: 22 22 22), and Hide ESSID (checkbox). At the bottom right of the configuration area are buttons for 'SAVE & APPLY', 'SAVE', and 'RESET'. The footer shows 'Firefox' and 'Version 106.0.3'.

## 8. Next to the 'Key' drop down box, click on the astrix. This shows what the current Wi-Fi password is set to.

This screenshot shows the same RVWiFi configuration page as above, but with the 'Wireless Security' tab selected. The 'Wireless Security' section is expanded to show 'Encryption' (WPA-PSK/WPA2-PSK Mixed Mode), 'Cipher' (Force CCMP (AES)), and 'Key' (a field of asterisks). A red circle highlights the 'Key' field, and a red circle around the asterisks indicates that the password is visible. At the bottom right of the configuration area are buttons for 'SAVE & APPLY', 'SAVE', and 'RESET'. The footer shows 'Firefox' and 'Version 106.0.3'.

8. Delete the password, by backspacing or use the delete button.

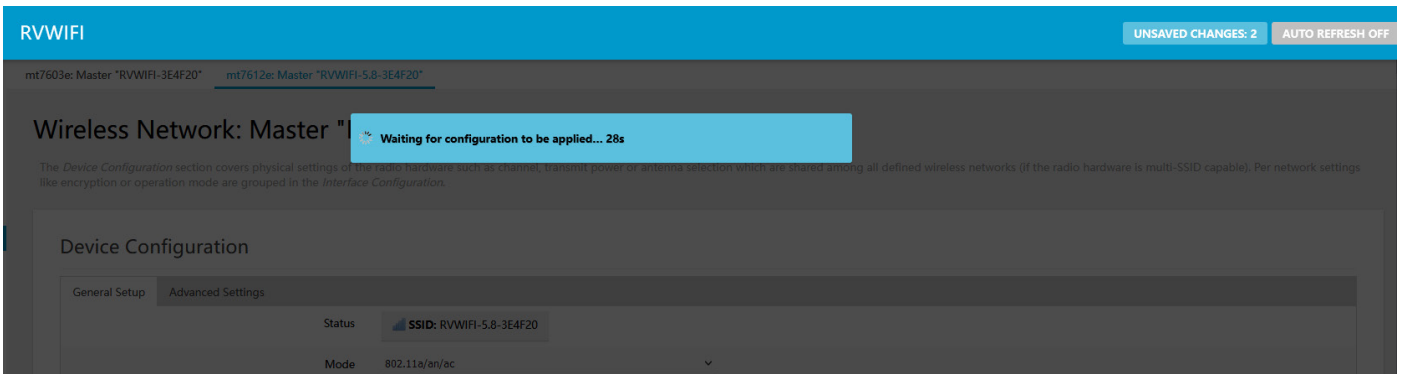
- In the Key box , type your new Wifi password - your choice!  
(Your password must be a minimum of 8 characters, and it is case sensitive).

The screenshot shows the RVWiFi configuration interface. The top navigation bar includes 'RVWiFi' and an 'AUTO REFRESH ON' button. A sidebar on the left lists various system settings like Status, System, Services, Network, and Interfaces. The main content area is titled 'Wireless Network: Master "RVWiFi5.8-3E4F20" (mt7612e.network1)'. It is divided into two sections: 'Device Configuration' and 'Interface Configuration'. In the 'Interface Configuration' section, under 'Wireless Security', the 'Key' field contains the text 'rvwifi1234' and is circled in red. At the bottom right of the configuration area, there are three buttons: 'SAVE & APPLY', 'SAVE', and 'RESET'. The browser status bar at the bottom indicates 'Firefox' and 'Microsoft Windows 10 Pro 64-bit Build 6.2.9200'.

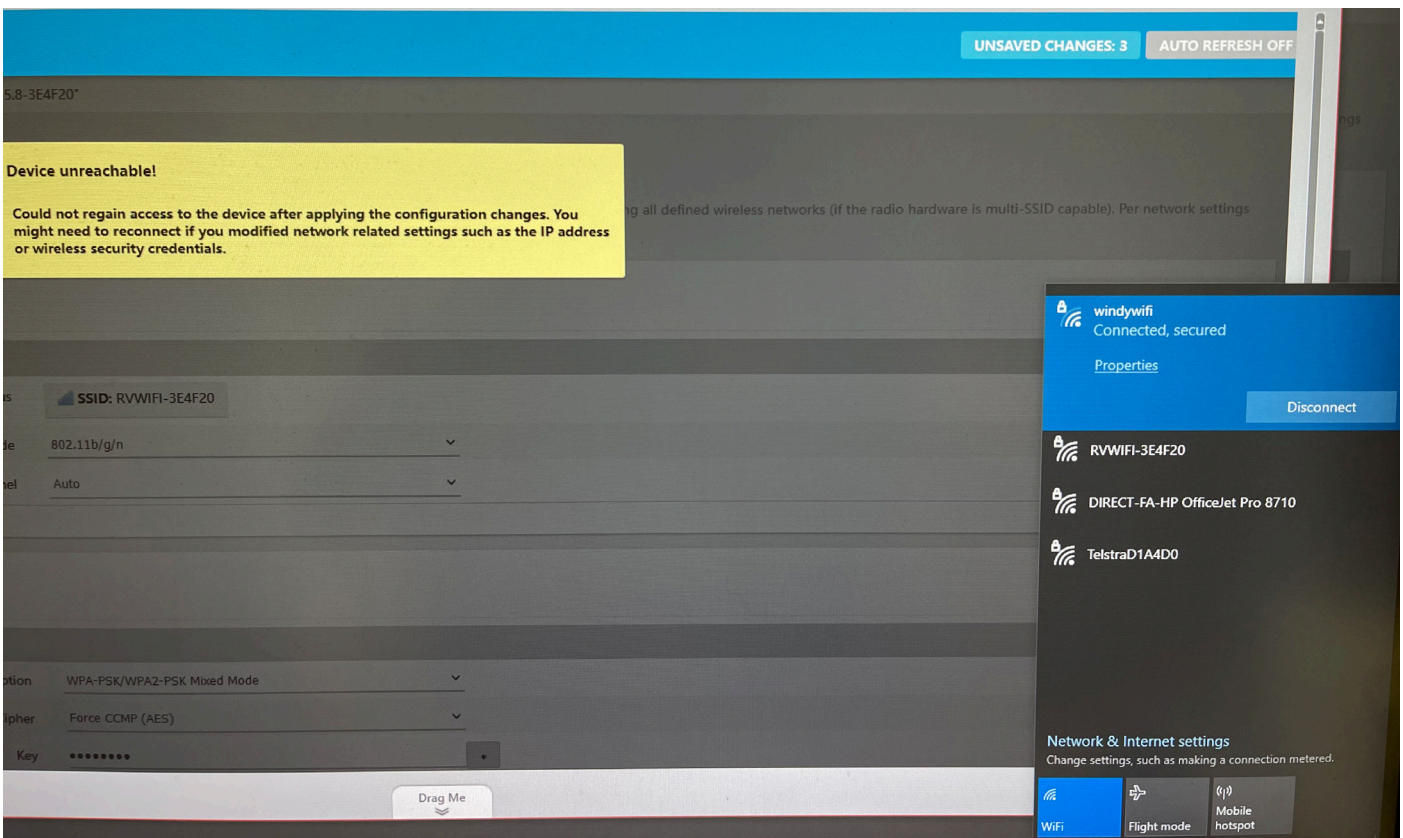
9. Click on the 'Save and Apply' button. The screen will indicate that it is 'waiting for configuration to apply'.

This screenshot is identical to the previous one, showing the RVWiFi configuration page. The 'Key' field in the 'Interface Configuration' section is still highlighted with a red circle. However, in this image, the 'SAVE & APPLY' button at the bottom right is circled in red, indicating the next step in the process. The rest of the interface, including the navigation bar, sidebar, and configuration fields, remains the same.

- Wait for this to apply. Do not turn off your device during this time. You will see a countdown clock appear from 30 seconds.



10. The next screen will say 'Device Unreachable'. This is due to the password being changed and the two devices no longer recognising each other.



12. On your device (laptop/ipad/phone).

1. Go to: Settings,
2. Click on: Wifi,
3. Wait for RV Wi-Fi to come up on the list. Click on this,
4. Your device will now tell you that your Wi-Fi password is incorrect (that is because you have just changed it),
5. Type in the 'new' Wi-Fi/Security Key' password that you have just set,
6. Remember that it is case sensitive and some devices will automatically capitalise the first letter.
7. Wait for your device to let you know that you are connected,
8. You are now ready to access the internet through your RV Wi-Fi 5G.



Scan to watch:  
How to change your Wi-Fi password  
from factory to your own personal  
password.

## Need Help

For help with your RV Wi-Fi unit please go to:  
[info@rvwifi.com.au](mailto:info@rvwifi.com.au) and a service agent will be in touch.





