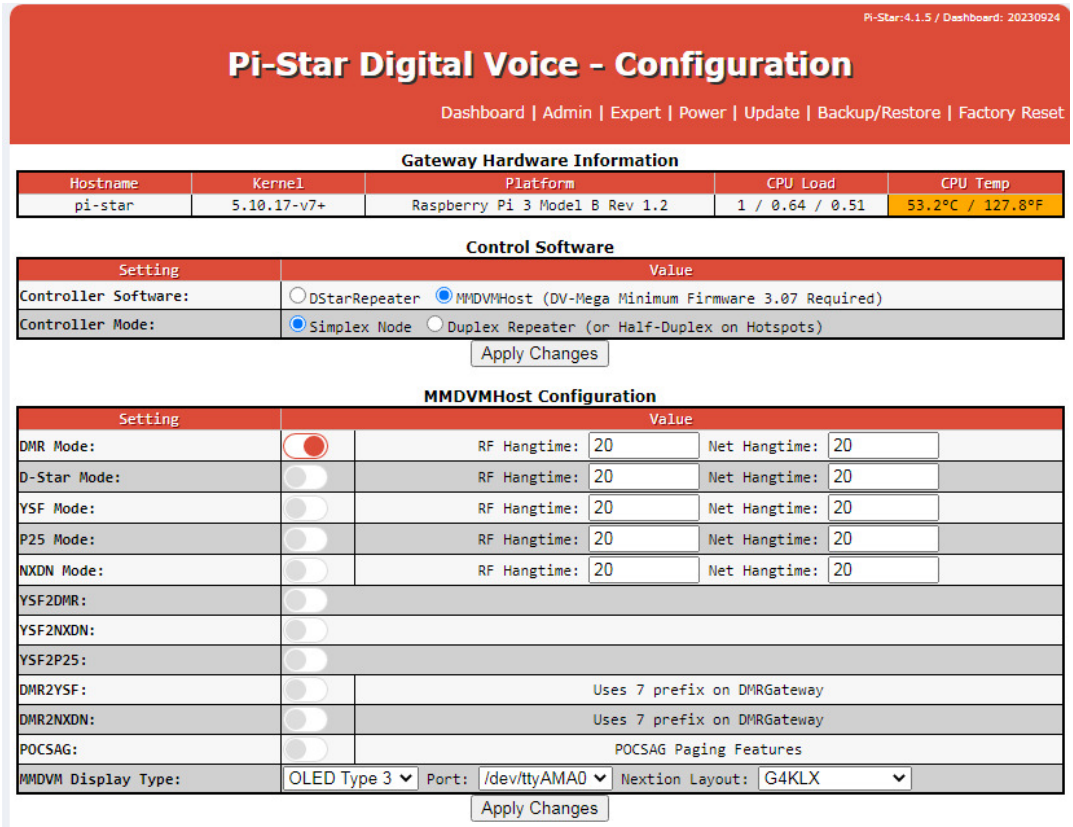
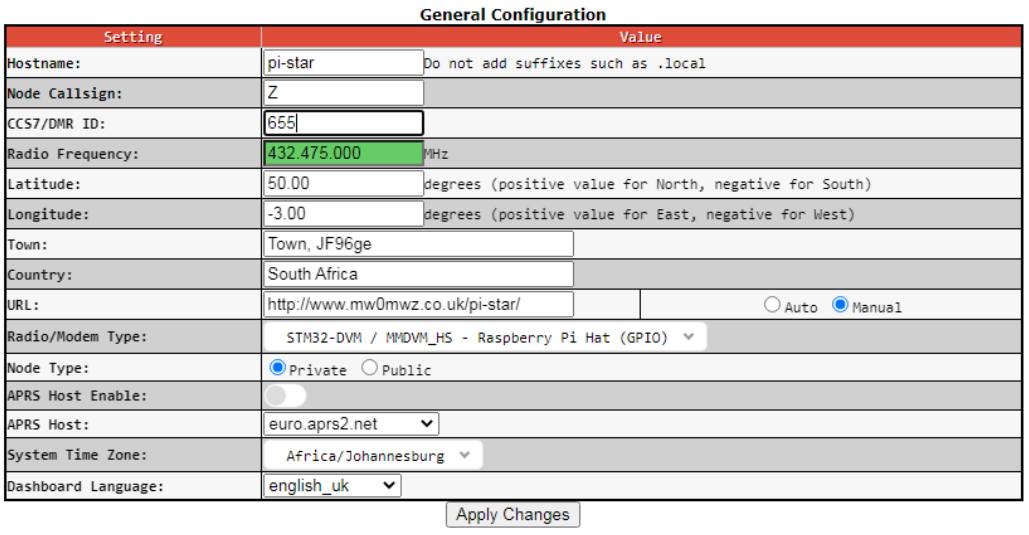
Thank you for purchasing the RSS Jumbo Spot/Pi-star.

Your Jumbo Spot has been pre-configured unless otherwise arranged.
Register for a DMR ID here: https://www.radioid.net/register

1. Please connect the supplied PSU to your hotspot.
2. Wait about one minute for it to boot up.
3. Open your wifi connection settings and wait for the Pi-star to appear.
4. Now connect to the Pi-star.
5. If you are asked for a username and password, use the following:
   Username: pi-star
   Password: raspberry
6. Once you are connected your browser will open the Pi-star dashboard.
7. Click on the configuration tab.
8. This is what the first section should look like:



9. Here is what the second section should look like. Input your callsign and DMR ID number. Note the frequency. This is the frequency that should be programmed on your DMR radio to talk to the hotspot. Apply the changes and wait for the hotspot to restart. Once restarted continue to the Configuration section of the dashboard again.

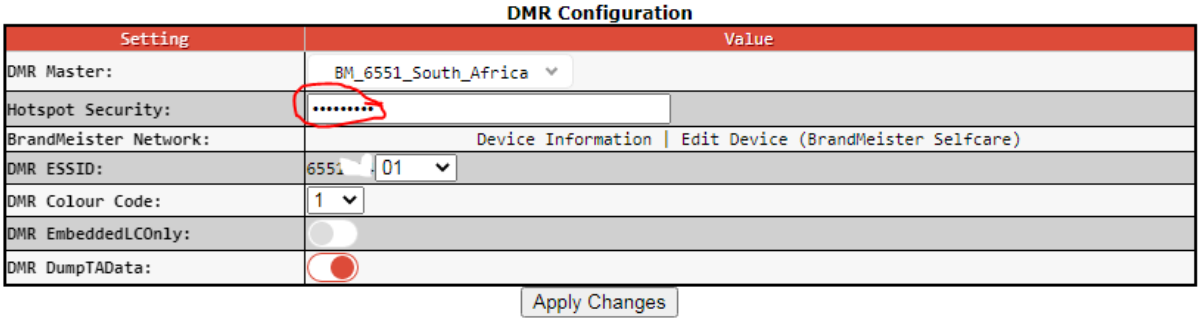


General Configuration

Setting	Value
Hostname:	pi-star — Do not add suffixes such as .local
Node Callsign:	Z
CCS7/DMR ID:	655
Radio Frequency:	432.475.000 MHz
Latitude:	50.00 degrees (positive value for North, negative for South)
Longitude:	-3.00 degrees (positive value for East, negative for West)
Town:	Town, JF96ge
Country:	South Africa
URL:	http://www.mw0mwz.co.uk/pi-star/ — Auto / Manual
Radio/Modem Type:	STM32-DVM / MMDVM_HS - Raspberry Pi Hat (GPIO)
Node Type:	Private / Public
APRS Host Enable:	
APRS Host:	euro.aprs2.net
System Time Zone:	Africa/Johannesburg
Dashboard Language:	english_uk

Apply Changes

10. The third section should look like this once you have restarted the hotspot. Enter a Hotspot Security password. You are going to need this password to enter into Brandmeister selfcare. Apply changes again and wait for the hotspot to restart. Return to the Configuration section of the dashboard again.

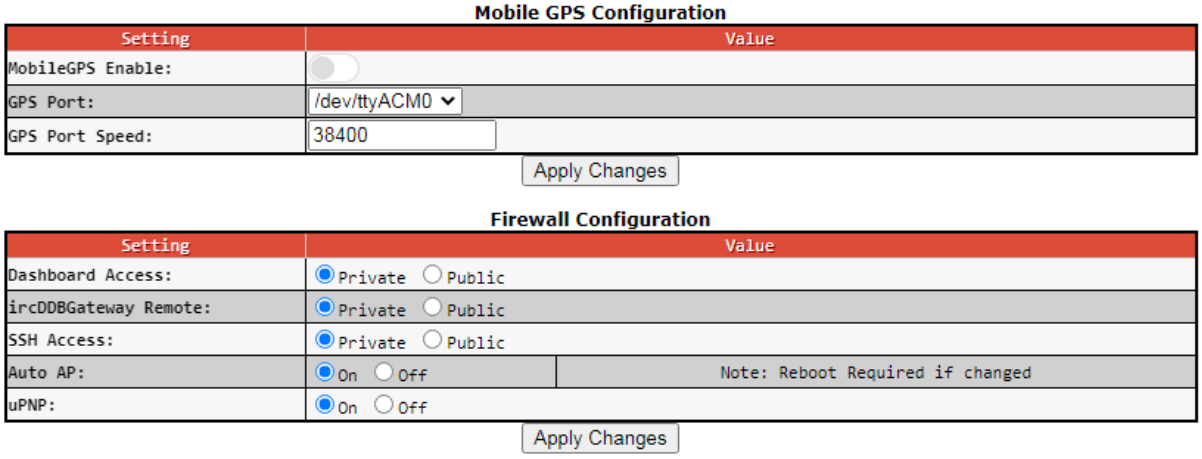


DMR Configuration

Setting	Value
DMR Master:	BM_6551_South_Africa
Hotspot Security:	•••••••••
BrandMeister Network:	Device Information | Edit Device (BrandMeister Selfcare)
DMR ESSID:	6551 . 01
DMR Colour Code:	1
DMR EmbeddedLCOnly:	
DMR DumpTAData:	

Apply Changes

11. The fourth section will look like this. No changes to be made here.



Mobile GPS Configuration

Setting	Value
MobileGPS Enable:	
GPS Port:	/dev/ttyACM0
GPS Port Speed:	38400

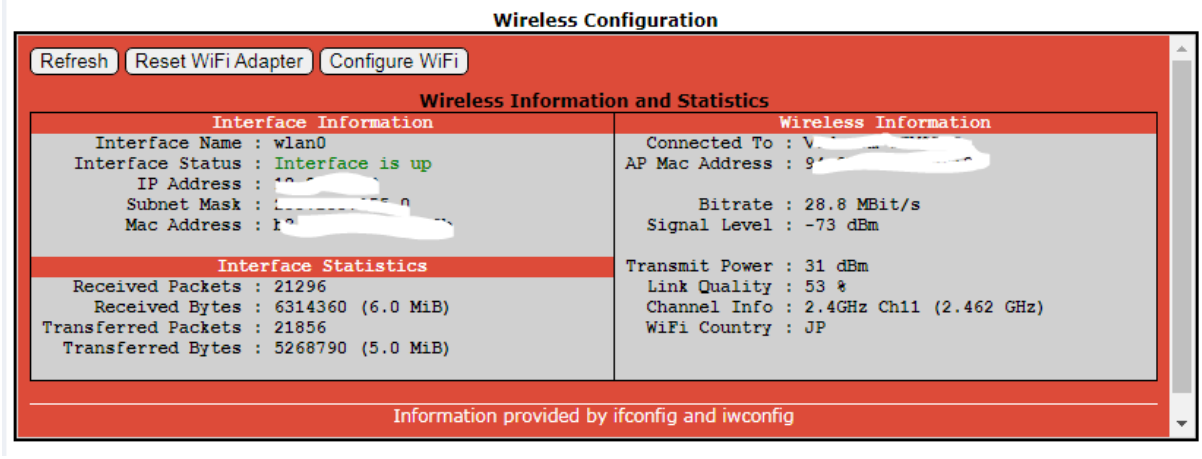
Apply Changes

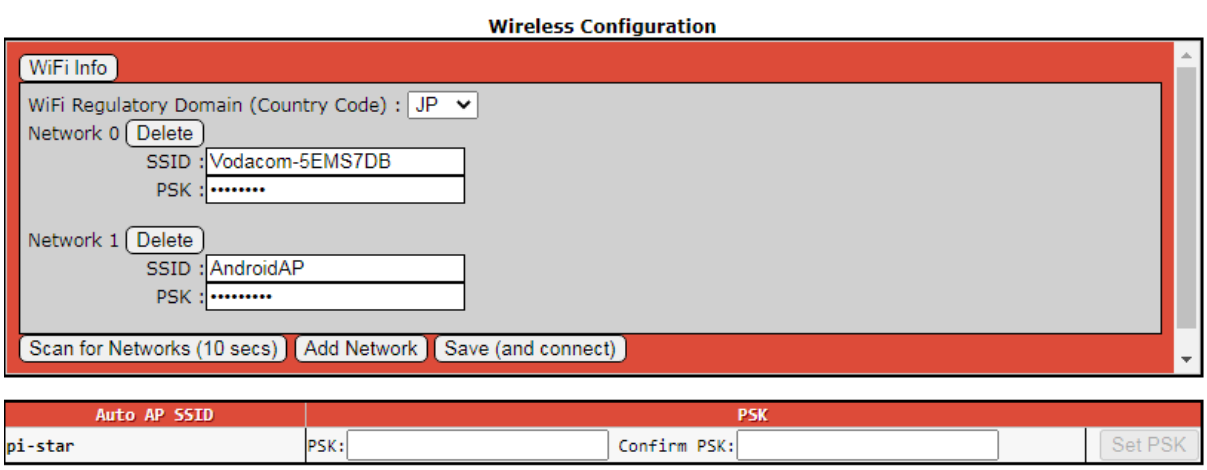
Firewall Configuration

Setting	Value	
Dashboard Access:	Private / Public	
ircDDBGateway Remote:	Private / Public	
SSH Access:	Private / Public	
Auto AP:	On / Off	Note: Reboot Required if changed
uPNP:	On / Off	

Apply Changes

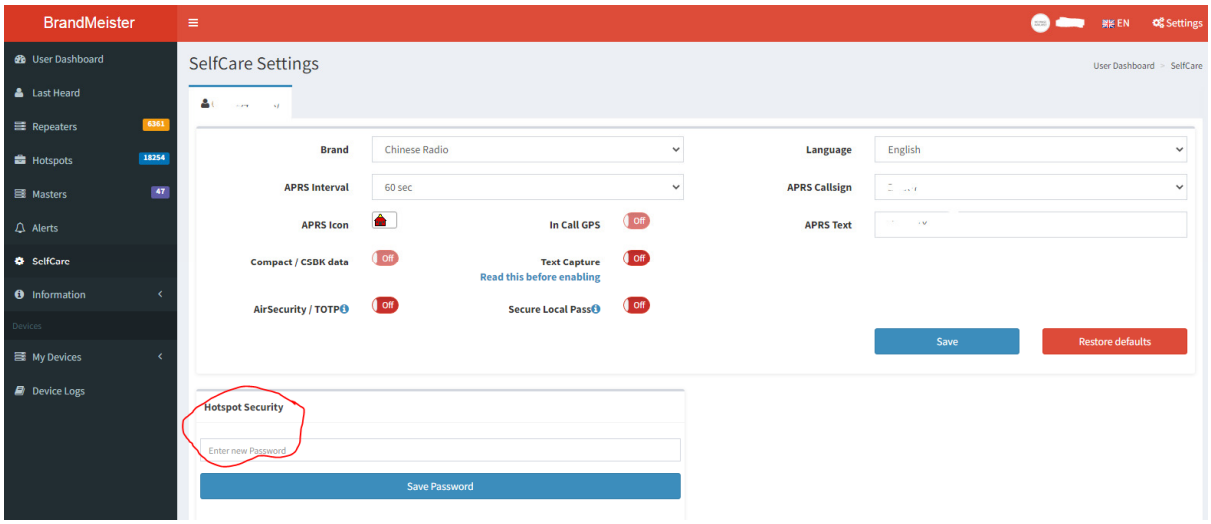
12. The sixth and last section of interest will look like this as below. Click on Configure Wifi and scan for your wifi connection. Once you have found it, select it and input your wifi password. Click Save & Connect. Your connection to the Pi-star will now disappear.





13. When you look at the Jumbo Spot screen you will see “starting up”. Unplug the power to the Jumbo Spot for a few seconds and plug it back into the Jumbo Spot, wait for a minute to restart.
14. Once it has restarted it will connect automatically to your wifi.
15. To connect to the Jumbo Spot, open your browser and type in the following address: http://pi-star.local or http://pi-star (note that it is http and not https)
16. Your configuration will open now. You do not need to change anything anymore. You can now look at the dashboard and see if there is any traffic.

17. Now go to https://brandmeister.network/ and create an account. Go to the Selfcare section and enter your Hotspot Security password that you entered previously in your Hotspot Configuration.



Herewith some links to assist you with setup:

https://help.brandmeister.us/hotspots/connecting-hotspots
https://www.pistar.uk/downloads/