

Setting Up TCP Corrections through a Verizon Jetpack with a Static IP Address

Jetpack Settings

Connect your pc, laptop or mobile device to the internet through your Jetpack and navigate to “my.jetpack/” in the devices browser. Specify a **Wi-Fi Name** and **password** in the Wi-Fi tab (Jetpack Settings>Wi-Fi):

The screenshot shows the Verizon Jetpack Settings interface in a web browser. The address bar displays "my.jetpack/wifi/". The left sidebar contains navigation links: "My Jetpack Home", "Data Usage", "Connected Devices" (with a notification badge), "Jetpack Settings" (highlighted), "Messages" (with a notification badge), and "About Jetpack". The main content area is titled "Jetpack Settings" and has three tabs: "Jetpack", "Wi-Fi", and "Advanced". The "Wi-Fi" tab is active, showing a notification: "Changes made to the Wi-Fi settings may require you to reconnect your devices to the Jetpack with the updated Wi-Fi credentials." Below this, there are three toggle switches, all set to "ON": "Wi-Fi", "Display Wi-Fi Name", and "Display Wi-Fi Password". The "Wi-Fi" section includes the following settings:

- Wi-Fi name:** Jetpack1 (Note: This is also known as the SSID.)
- 802.11 Mode:** 802.11b + 802.11g
- Security:** WPA Personal/PSK
- Wi-Fi password:** (masked with asterisks) (Note: 8 - 63 ASCII characters. For greater security, use a mixture of digits, upper case, lower case, and other symbols.)
- Maximum Wi-Fi connected devices:** 2 (Note: Your Jetpack is limited to 5 connected devices when not on LTE.)
- Broadcast Wi-Fi name:** ☒
- Wi-Fi privacy separation:** ☐ (Note: If enabled, connected devices cannot communicate with each other.)
- Wi-Fi Multimedia (WMM):** ☒ (Note: WMM provides higher priority for multimedia and is mandatory if using 802.11n)
- Channel:** Automatic
- Wi-Fi range:** Long range - shorter batt... (Note: Adjust the area covered by the Wi-Fi network.)

In the Firewall tab (Jetpack Settings>Advanced>Firewall) configure the following settings:

The screenshot shows the Verizon Jetpack settings interface. The top navigation bar is red with the Verizon Wireless logo and status indicators (signal, 4G, battery, and a 'Sign Out' button). On the left, a sidebar contains links to 'My Jetpack Home', 'Data Usage', 'Connected Devices' (with a '2' badge), 'Jetpack Settings' (highlighted with a gear icon), 'Messages' (with a '1' badge), and 'About Jetpack'. The main content area is titled 'Jetpack Settings' and has three tabs: 'Jetpack', 'Wi-Fi', and 'Advanced'. Under the 'Advanced' tab, there are sub-tabs: 'Networks', 'Manual DNS', 'SIM', 'Firewall' (highlighted), 'LAN', 'Port Filtering', and 'Port Forwarding'. The 'Firewall' section contains three settings: 'VPN Passthrough' (ON), 'IPv6 Transparent Mode' (ON), and 'DMZ (IPv4)'. The 'DMZ (IPv4)' section is expanded, showing a 'DMZ' checkbox checked, a 'DMZ IP address' field containing '192.168.1.20', and a descriptive note: 'Enter the IP address of the connected device to become the DMZ destination.' A red 'Save Changes' button is at the bottom right.

- **VPN Passthrough** – ON
- **IPv6 Transparent Mode** – ON
- **DMZ** – enabled with IP address 192.168.1.20

Press **Save Changes** once done.

Netview Settings

The base receiver must first be configured to connect to your WiFi network. Connect to your receiver in [NetView](#) and navigate to WLAN tab (Receivers>Receiver 1>Parameters>Networking>WLAN):

Net View

Connection

Receivers

Triumph2

Parameters

Files

Greis commands

Real-Time Logging

Help

General Log-files TriPad Positioning Base Rover Ports Networking Event Advanced

LAN WLAN Server Client PPP Modems

Mode

WLAN Error: none

WLAN Mode: on

WLAN Connection State: associated

IP

WLAN Receiver IP Address: 192.168.1.20

WLAN Default Gateway: 192.168.1.1

WLAN Network mask: 255.255.255.0

WLAN Maximum Transmission Unit: 1500

WLAN MAC Address: 00:18:d7:27:de:f8

DHCP

Switch DHCP client on/off: off

Switch DHCP server on/off: off

Current IP Address: 192.168.1.20

Access Point

WLAN Access Point ID: 00:00:00:00:00:00

WLAN Access Point SSID: Jetpack1

WLAN Access Point RSSI: 210

WLAN AP Mode: wpa

WEP

WLAN Key N: *****

WLAN Key N: *****

WLAN Key N: *****

WLAN Key N: *****

WPA

WLAN WPA Passphrase: *****

Refresh Apply

Save Configuration to Script

Send Clear Start Logging Load Script

The following fields need to be configured:

- **WLAN Mode** – on
- **WLAN Access Point SSID** – This is name of your Jetpack, as configured above
- **WLAN AP Mode** – The type of security chosen in the Jetpack setup, as configured above
- **WLAN WPA Passphrase** – The password for your Jetpack, as configured above
- **DHCP client and server** – off
- **WLAN Receiver IP Address** – 192.168.1.20
- **WLAN Default Gateway** – 192.168.1.1
- **Subnet Mask** – 255.255.255.0

Press **Apply** once done.

Verify that the base has now established a Wi-Fi connection to your Jetpack by confirming that the **WLAN Connection State** is “associated”.