

# DATAJACK

MiFi 2200 User Guide

3G Wireless Broadband





## MiFi 2200 Basics

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This device offers more freedom than ever before. No wires, no cables—just access to your data when you need it. The power of the internet is truly at your fingertips.

### *Package Contents*

- MiFi 2200 Hotspot Device
- AC Wall Charger
- Lithium Ion (Li-Ion) Battery
- microUSB Cable
- Quick Start Guide



### *System Requirements*



Windows® 2000  
Windows® XP  
Windows® Vista  
Windows® 7



Mac OS® X (10.3.9+)



Linux® (2.4 & 2.6)

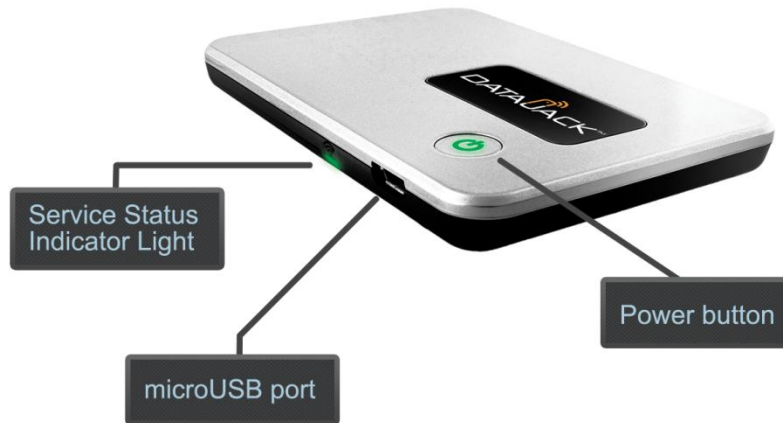
- 100 MB of Hard Drive Space; 128 MB of RAM
- Internet Browser (e.g., Internet Explorer, Safari, Firefox, Opera, Chrome)
- Wireless interface (802.11 b/g)

By using DataJack's wireless internet service, you agree to comply with the Terms of Service. You are encouraged to review these terms on our website at [www.datajack.com/terms](http://www.datajack.com/terms).



## Your MiFi 2200 Hotspot Device

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- **Power Button** — Powers on and off the device. Also indicates power, battery, and roaming activity.
- **microUSB Port** — The AC wall charger that was included with your device connects here.
- **Service Status Indicator (LED)** — Provides information about your mobile broadband connection.



## Inserting and Charging the Battery

1. Slide open the door at the bottom of the device.



2. Insert the battery by lining up the gold contact points on the battery with the gold contact points in the battery compartment. Then, press down gently until the battery is seated.



3. Replace the battery cover and slide it closed while pressing gently until it locks into place.



4. Connect the microUSB end of the AC wall charger to the microUSB port of the device.





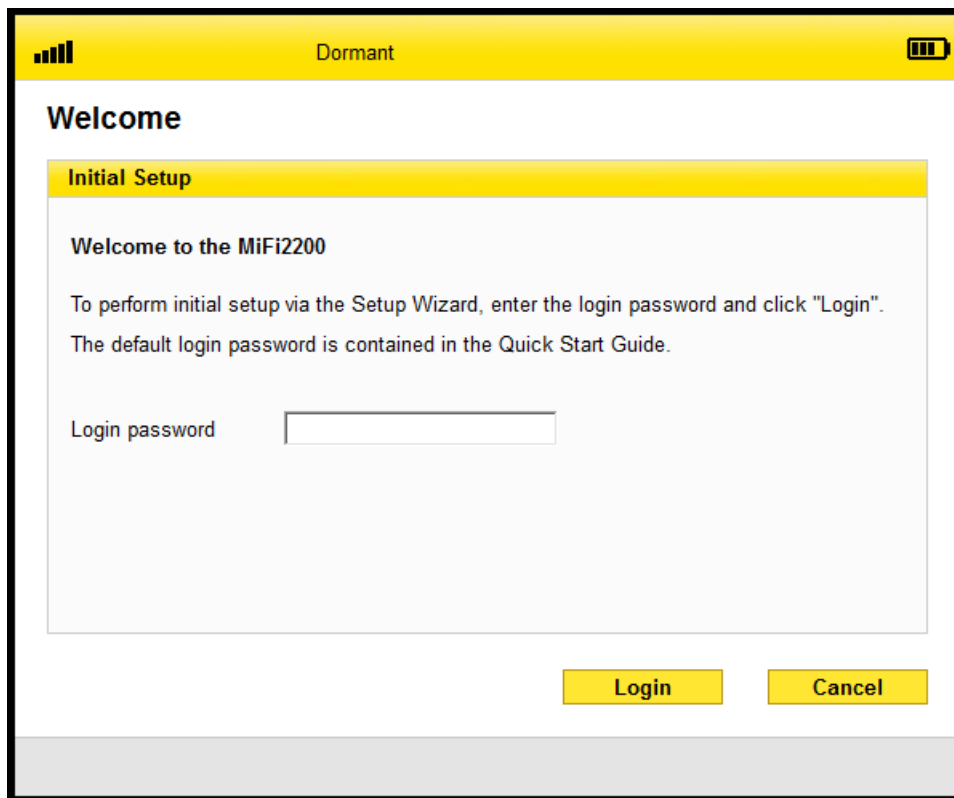
## Initial Connection and Setup

1. Open any web browser on your computer. Internet Explorer, Safari, Firefox, or Chrome will work fine.
2. Enter **http://192.168.1.1** in to the address bar of your web browser and press the **Enter** or **Return** key.



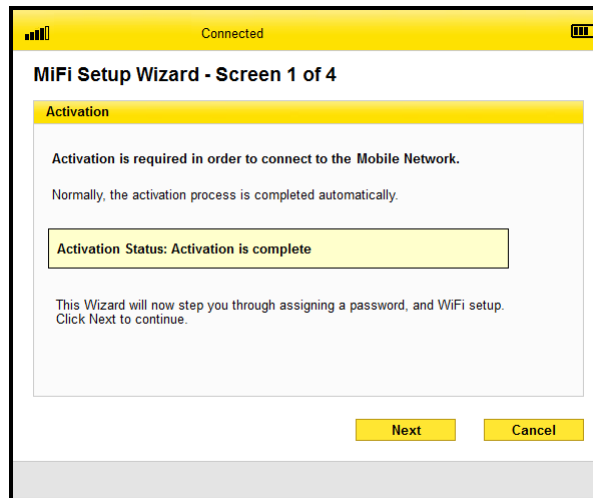
An onscreen wizard will appear and guide you through the activation of your MiFi Device.

3. When requested, please enter the default admin password and click the **Login** button.
  - If you ordered your device prior to January 20, 2012, your default admin password is **afnconnect**
  - If you ordered your device after January 20, 2012, your default admin password is **admin**





4. Your activation status will be shown to you on the Activation screen. If you have already called to activate your device, this screen will state **Activation is complete**.



5. Click the **Next** button.
6. Once activated, the MiFi Setup Wizard will prompt you for a new admin password. Please enter and verify your new admin password into the appropriate fields. We strongly recommend that you change your password to something other than the default password.

**NOTE** *Be sure to record your new admin password.*



Dormant

### MiFi Setup Wizard - Screen 2 of 4

**Administration Password**

This password is used to login to this MiFi device.

New Password  (4 ~ 64 characters)

Verify New Password

Next Cancel

7. Click the **Next** button.
8. You have the option of configuring the WiFi settings of your MiFi device on the WiFi Settings screen.

Dormant

### MiFi Setup Wizard - Screen 3 of 4

**WiFi Settings**

These WiFi settings will be applied when you complete the Wizard.

Profile Secure

Network Name (SSID)

Security WEP 64-bit

Authentication Open Access

Encryption WEP 40/64 Bit

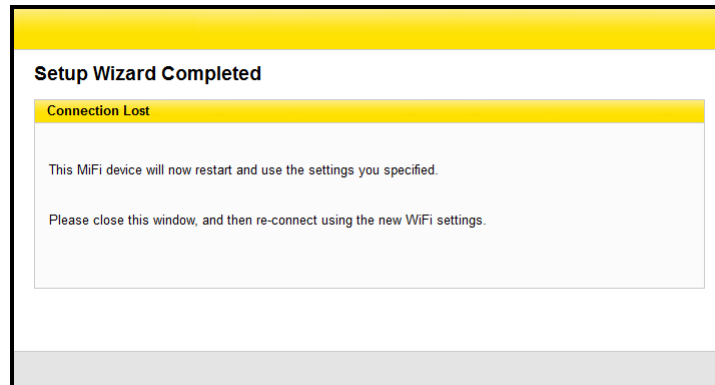
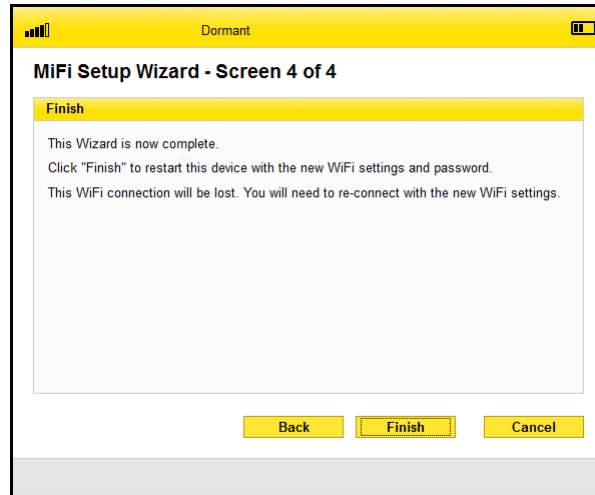
Network Key 12345  
5 characters, or 10 HEX characters

Back Next Cancel

9. Once you are finished configuring your WiFi settings, click the **Next** button to proceed.



10. The MiFi Setup Wizard is now complete. After you click the **Finish** button, your device will restart and you must reconnect to your wireless network and enter the network key you created.





## Interface Basics

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### Opening the Browser Interface

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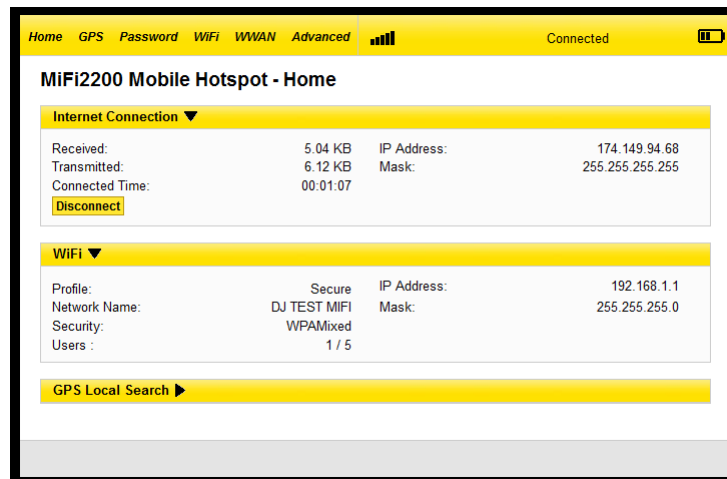
1. Open any web browser on your computer. Internet Explorer, Safari, Firefox, or Chrome will work fine.
2. Enter **http://192.168.1.1** in to the address bar of your web browser and press the **Enter** or **Return** key.



3. Type the current admin password into the Login box in the upper right corner and click the **Login** button.



4. The Home screen will open.





## The Home Screen

The Home screen is the first screen you see after logging in to the browser interface. It is the main point of entry for all your work in the browser interface.

### *The Menu Bar*

The menu bar runs horizontally along the top of the browser interface. This allows you to navigate through the menu items, and displays information about your device's connection strength and battery level.



### *Home Screen Sections*

The Home screen is divided into two sections that you can expand or collapse. Click the solid black pointer next to the section title to expand or collapse each section.

## Internet Connection

The Internet Connection section tells you:

- Your connection status.
- The number of bytes received and transmitted. This information is for reference only. For an accurate reading of your usage, please login to your account at [www.datajack.com/myaccount](http://www.datajack.com/myaccount).
- The duration of the current connection.
- The IP address of and subnet mask for the device.

Internet Connection ▼			
Received:	5.04 KB	IP Address:	174.149.94.68
Transmitted:	6.12 KB	Mask:	255.255.255.255
Connected Time:	00:01:07		
<a href="#">Disconnect</a>			



## WiFi

The WiFi section tells you:

- The profile currently in use.
- The network name (also known as the SSID).
- The security method in use.
- The number of users currently connected to the device.
- The IP address of and subnet mask for the wireless browser interface.

To change WiFi settings, use the **WiFi** menu. See WiFi Menu (page 13)

WiFi ▼			
Profile:	Secure	IP Address:	192.168.1.1
Network Name:	DJ TEST MIFI	Mask:	255.255.255.0
Security:	WPAMixed		
Users :	1 / 5		



## Password Settings

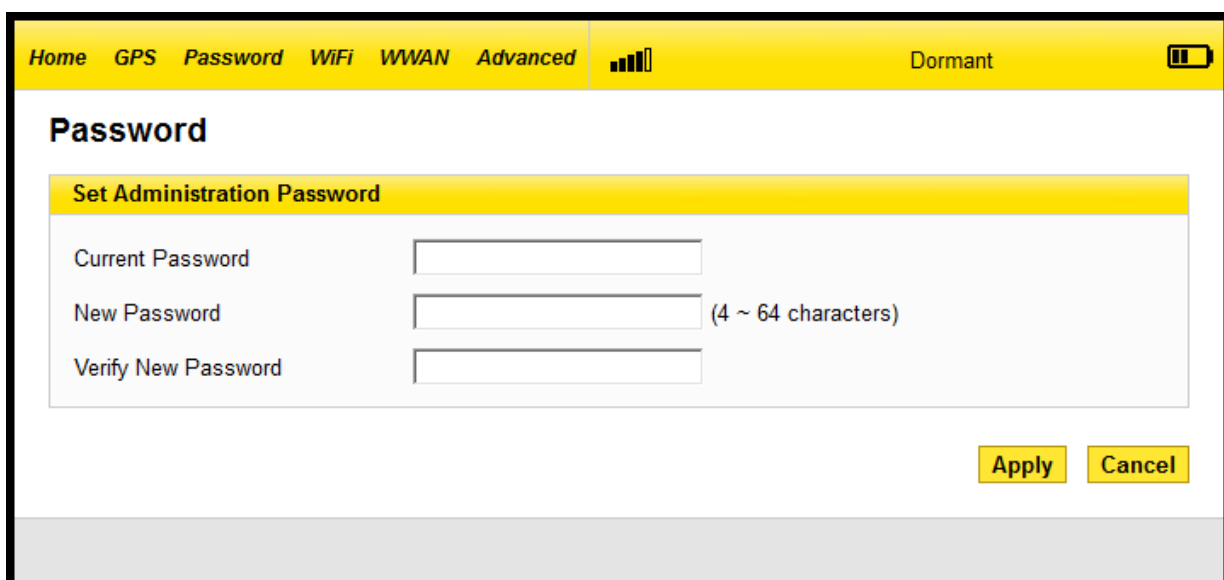
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Password settings allow you to change the admin password that gives access to the browser interface for your MiFi Device.

### Create a New Admin Password

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1. Type your current admin password into the **Current Password** box.
2. Type the new password (must have 4 to 64 characters) in the **New Password** box, and then again in the **Verify New Password** box.
3. Click the **Apply** button.

A screenshot of the MiFi 2200 web interface. The top navigation bar is yellow and contains links for Home, GPS, Password, WiFi, WWAN, and Advanced. On the right side of the bar, there is a signal strength indicator, the word "Dormant", and a battery icon. Below the navigation bar, the page title "Password" is displayed. A yellow header bar reads "Set Administration Password". The main content area contains three input fields: "Current Password", "New Password" (with a note "(4 ~ 64 characters)" to its right), and "Verify New Password". At the bottom right of the form, there are two yellow buttons labeled "Apply" and "Cancel".

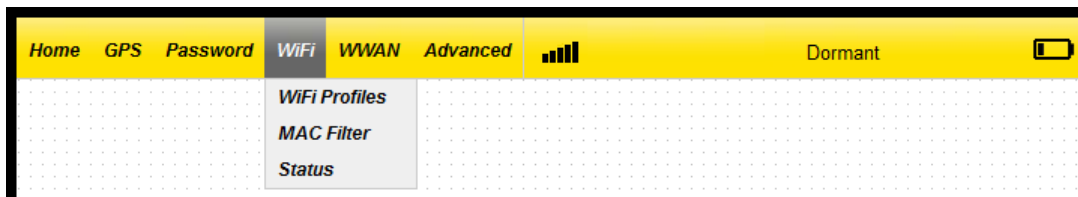


## WiFi Menu

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The WiFi menu has three components:

- **WiFi Profiles** — to view or change settings for your secure profile or to set up a Temporary Hotspot.
- **MAC Filter** — to allow only certain devices to connect to the MiFi device.
- **Status** — to view profile information, see who is connected to the MiFi device, and view the WiFi log. You can also retrieve your Network Key from this screen.



## WiFi Profiles

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Click **WiFi Profiles** on the WiFi menu to configure your secure profile or set up a Temporary Hotspot.



Home GPS Password WiFi WWAN Advanced Connected

## WiFi

### WiFi Profile

WiFi Settings are stored in Profiles; there are 3 Profiles.

Profile	Secure
Network Name (SSID)	DJ TEST MIFI
802.11 Mode	802.11g + 802.11b
Channel	11
Security	WPA/WPA2 Mixed Mode
Authentication	Open Access
Encryption	TKIP, AES
Network Key	1234567890 8 ~ 63 characters

[Apply](#) [Revert](#)

The WiFi Profile page displays the following information:

- **Profile** — The profile currently being used.
- **Network Name (SSID)** — Name of the network you are connected to. You can change the name to something more descriptive if you want, or if other devices are in use within range of yours.
- **802.11 Mode** — The type of wireless networking you are currently using.
- **Channel** — The radio channel that the device is using to broadcast it's SSID. This should usually be set to Auto (default) and left unchanged. Available channels are 1 through 11.
- **Security** — The type of security the profile is using. This applies to the Secure and the Temporary Hotspot profiles.
- **Authentication** — Locked to Open Access for all profiles.
- **Encryption** — Displays the type of encryption for the security type in use.
- **Network Key** — Passcode or password used to access the network.



## Choosing a Profile

Select a profile from the Profile list:

- **Secure** — This is the profile you should use most of the time. You can set up this profile with the security measures you need to use your MiFi device safely.
- **Temporary Hotspot** — This profile allows you to set up a secure temporary hotspot to allow others in your work area (maximum of five) to go online at the same time.
- **Open** — This profile does not require a password to connect to your MiFi device. Any user who can see your network name (SSID) can connect to your MiFi device.

## Setting Security

You can use WEP (64-bit or 128-bit), WPA Personal/PSK, WPA2 Personal PSK, or WPA/WPA2 Mixed Mode security.

**TIP** *Some WiFi clients become confused if the security is changed and the network name is not. If you change security settings and do not get asked for the new network key when you try to reconnect, delete the existing “old” network name from your “Preferred Networks” list. Then you can reconnect.*

1. From the WiFi Profile screen, select **Secure** as the Profile.
2. Select a security protocol from the Security list. (The Encryption box displays the corresponding encryption level)
3. Enter a new network key in the Network Key box. (Permissible characters are listed in gray just under the Network Key box)
4. Click the **Apply** button. Your device will restart, and you must reconnect to your wireless network using the new Network Key.

**NOTE** *Be sure to record your Network Key.*



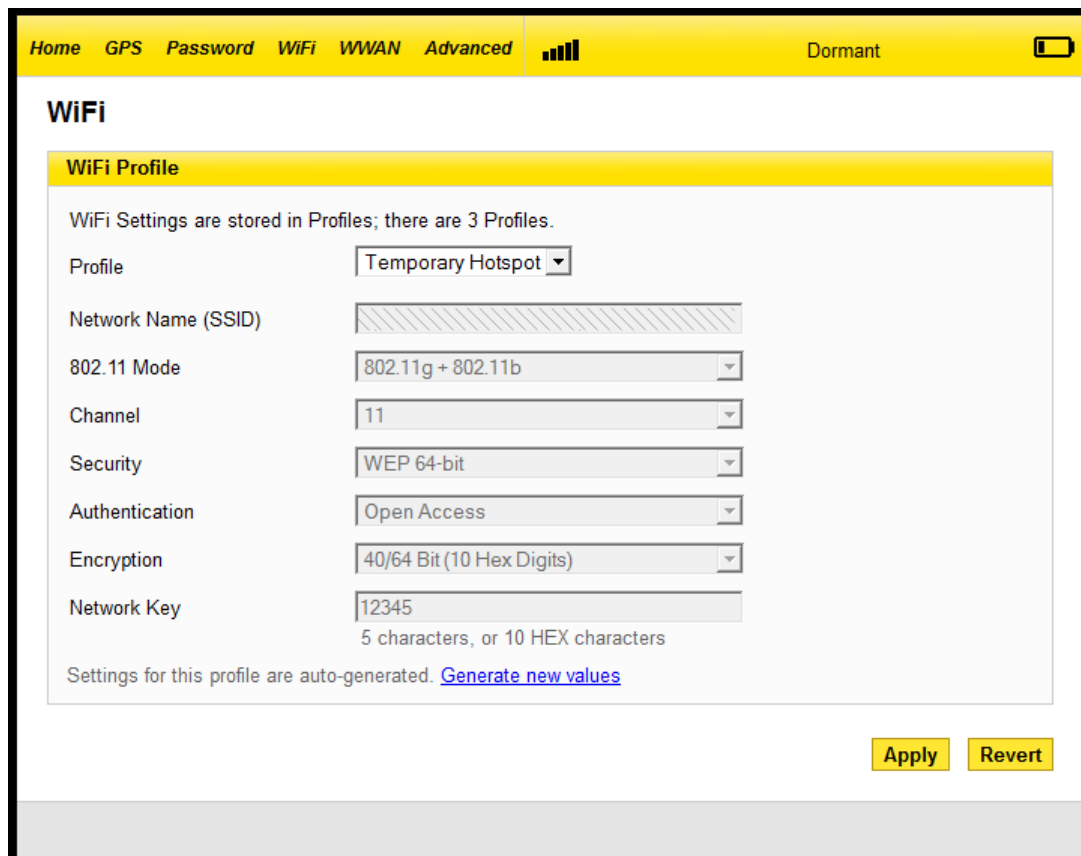
### Setting Up a Temporary Hotspot

You can use this profile to create a secure temporary hotspot to allow a maximum of five connections to your MiFi device at one time.

This profile generates a temporary network name and network key that you can use to allow others to connect to your MiFi device without you having to change the security settings on your secure profile.

To set up a temporary hotspot:

1. From the WiFi Profile page, select **Temporary Hotspot** as the profile. You will see a new (temporary) network name (SSID) and network key.



The screenshot shows the 'WiFi Profile' configuration page. At the top, there is a navigation bar with 'Home', 'GPS', 'Password', 'WiFi', 'WWAN', and 'Advanced' tabs. The 'WiFi' tab is selected. The page title is 'WiFi'. Below the title, there is a 'WiFi Profile' section with a yellow header. The text below the header reads: 'WiFi Settings are stored in Profiles; there are 3 Profiles.' The 'Profile' dropdown menu is set to 'Temporary Hotspot'. The 'Network Name (SSID)' field contains a hatched pattern. The '802.11 Mode' dropdown is set to '802.11g + 802.11b'. The 'Channel' dropdown is set to '11'. The 'Security' dropdown is set to 'WEP 64-bit'. The 'Authentication' dropdown is set to 'Open Access'. The 'Encryption' dropdown is set to '40/64 Bit (10 Hex Digits)'. The 'Network Key' field contains '12345' and has a note below it: '5 characters, or 10 HEX characters'. At the bottom of the form, there is a link: 'Settings for this profile are auto-generated. [Generate new values](#)'. At the bottom right of the form, there are two buttons: 'Apply' and 'Revert'.



2. Click the **Apply** button. Your device will restart, and you must reconnect to your wireless network with the temporary network name and network key.

Members of your workgroup can now use the temporary network name and network key to connect to your MiFi device.

## MAC Filter

MAC filtering allows you to limit access to your MiFi device to only those devices with a specified MAC address (a unique code assigned to hardware such as network adapters).

The MAC Filter screen allows you to enable or disable MAC filtering and to add or delete MAC address from the trusted client list.

Home GPS Password WiFi WWAN Advanced Dormant

### MAC Filter

**Enable MAC Filter**

Enable MAC Filter

If enabled, only Trusted Clients can connect to this Access Point.  
Trusted clients are identified by their MAC address.

**Trusted Client List**

Delete Client

Add Trusted Client MAC Address

Add Client

Apply Cancel

**NOTE** Do not enable MAC filtering unless you have added your own MAC address to the trusted client list. Otherwise, you will be unable to access your MiFi device.



## Finding the MAC Address

The MAC Address is also known as a hardware or physical address for a device, usually a network adapter. It consists of six pairs of numbers and letters (for example, 00-21-9B-1C-64-34).

You can view the MAC address for any device connected to your MiFi device by using the **WiFi Clients** section of the WiFi Status screen. See WiFi Clients (page 20)

- On a Windows machine, you can find the MAC address by running “ipconfig /all” from the Command Prompt window. The MAC address is referred to as the Physical Address. (Select **Start > All Programs (or Programs) > Accessories > Command Prompt** to open the Command Prompt window)
- On a Mac, open **System Preferences > Network**. In the Show list, click **Airport**. The MAC address is the Airport ID.

## Using MAC Filtering

1. From the MAC Filter screen, type the MAC address for your computer into the **Add Trusted Client MAC Address** box and click **Add Client**. You can use either “:” or “-” as the separator (for example, **00:21:9B:1C:64:34** or **00-21-9B-1C-64-34**).

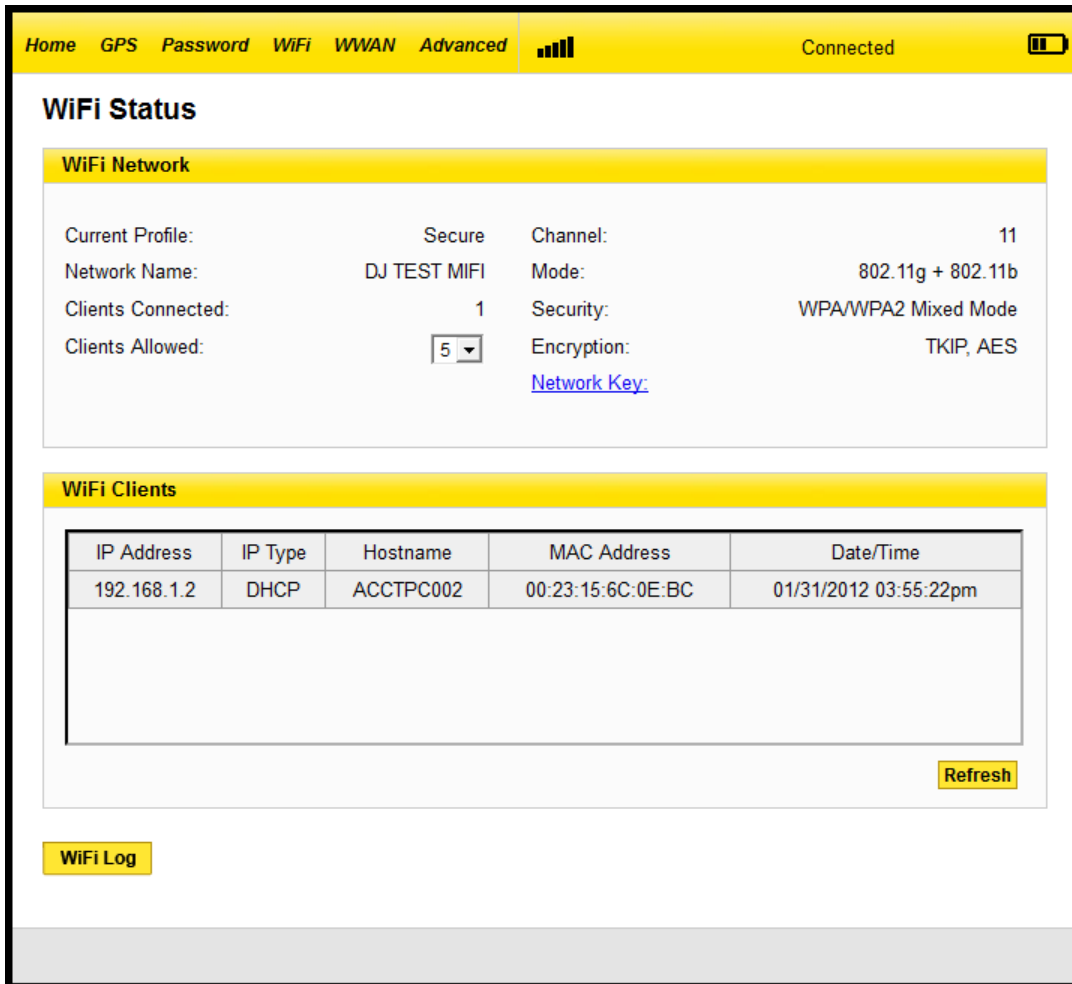
**TIP** You can cut-and-paste your computer’s address from the WiFi Clients section of the WiFi Status screen.

2. If desired, type the MAC address for other computers into the **Add Trusted Client MAC Address** box and click **Add Client**.
3. Select the **Enable MAC Filter** check box and click the **Apply** button.



## WiFi Status

WiFi Status provides you with information about your wireless network, and is divided into three sections.



The screenshot shows the WiFi Status page with a yellow navigation bar at the top containing links for Home, GPS, Password, WiFi, WWAN, and Advanced. The status bar shows signal strength, 'Connected', and battery level. The main content is divided into three sections:

- WiFi Network:** Displays network configuration details.
 

Current Profile:	Secure	Channel:	11
Network Name:	DJ TEST MIFI	Mode:	802.11g + 802.11b
Clients Connected:	1	Security:	WPA/WPA2 Mixed Mode
Clients Allowed:	5	Encryption:	TKIP, AES

 A [Network Key:](#) link is also present.
- WiFi Clients:** A table listing connected clients.
 

IP Address	IP Type	Hostname	MAC Address	Date/Time
192.168.1.2	DHCP	ACCTPC002	00:23:15:6C:0E:BC	01/31/2012 03:55:22pm

 A Refresh button is located at the bottom right of this section.
- WiFi Log:** A section header for viewing connection logs.



### WiFi Network

**WiFi Network**

Current Profile:	Secure	Channel:	11
Network Name:	DJ TEST MIFI	Mode:	802.11g + 802.11b
Clients Connected:	1	Security:	WPA/WPA2 Mixed Mode
Clients Allowed:	<input type="text" value="5"/>	Encryption:	TKIP, AES

[Network Key:](#)

The WiFi Network section of the WiFi Status screen displays the following information:

- Profile currently in use.
- Name of the network you are connected to.
- Number of clients connected to the device.
- Maximum number of clients allowed to connect to your MiFi device
- Channel being used.
- Current wireless mode.
- Security type and encryption for the current profile.
- Network Key link (click to retrieve the network key)

### WiFi Clients

**WiFi Clients**

IP Address	IP Type	Hostname	MAC Address	Date/Time
192.168.1.2	DHCP	ACCTPC002	00:23:15:6C:0E:BC	01/31/2012 03:55:22pm

The WiFi Clients section of the WiFi Status page shows the clients that are currently connected to the device.



## WiFi Log

Click the **WiFi Log** button to view a listing of WiFi events (most recent first).

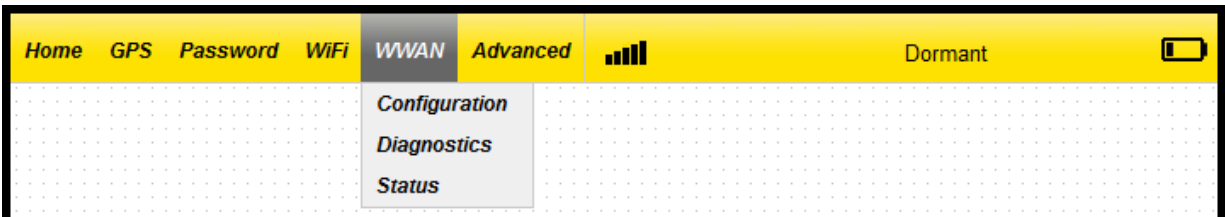
## WWAN Menu

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The WWAN menu displays information about your DataJack network connection, and provides tools for technical support.

The WWAN menu has three components:

- **Configuration** — to reactivate your device, or update your PRL.
- **Diagnostics** — to view the status of your connection to the DataJack network, view information about your MiFi device, or view an event log about your connections to the DataJack network.
- **Status** — to view information about your internet connection, to view traffic counters, or to view an internet connection log.

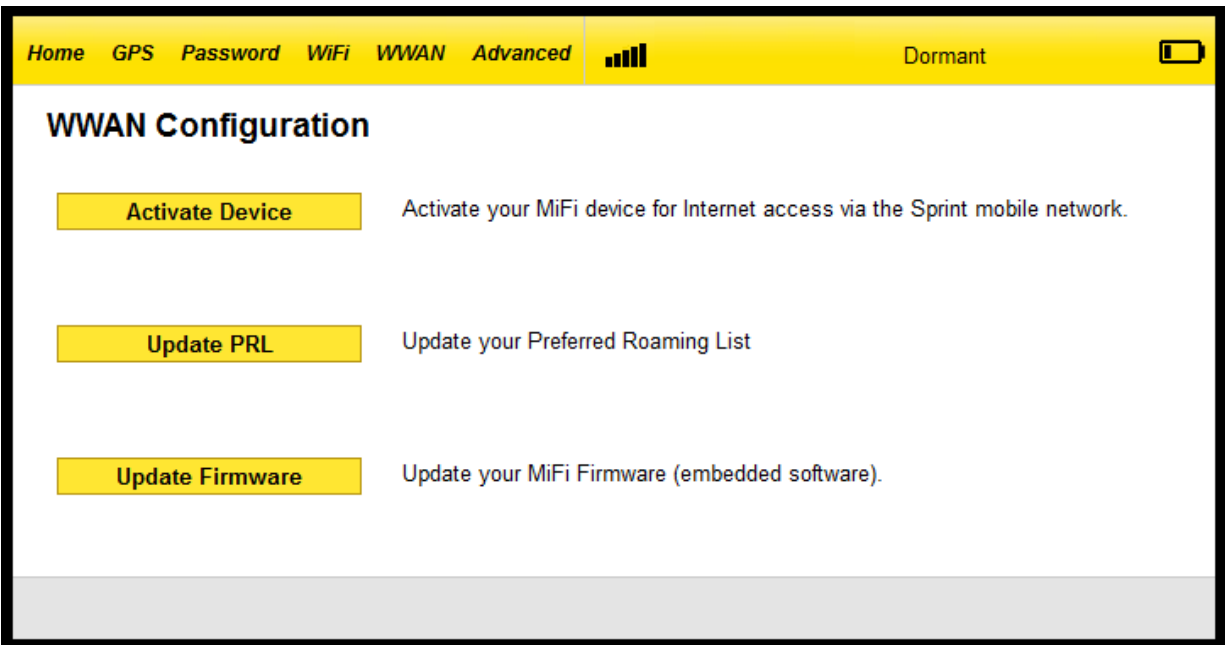




## Configuration

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Click **Configuration** in the WWAN menu to reactivate your device, update your PRL, or update the firmware of your device.



### *The WWAN Configuration Screen*

Select from the following options on the WWAN Configuration screen:

- Click **Activate Device** to reactivate your device for use on the DataJack network.
- Click **Update PRL** to update your Preferred Roaming List.

**TIP** *You should update your PRL about every three months to make sure you have the latest enhancements from DataJack.*

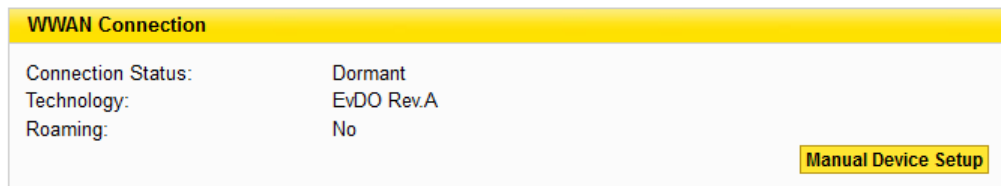




### WWAN Connection

The WWAN Connection section displays the following information:

- Connection status:
  - **Connected** — connected and transmitting data
  - **Dormant** — connected but not transmitting data
  - **Disconnected** — not connected to the network
  - **Not Activated** — device is not activated. You will need to run Setup Wizard on the Home Screen to activate your MiFi device. See Home Page Sections (page 10)
- Type of network (technology) you are connected to.



### WWAN Modem

The WWAN Modem section displays the following information:

- **Manufacturer** — manufacturer of your MiFi device.
- **Model** — model name or number of your MiFi device.
- **Firmware Version** — current internal software (firmware) version.
- **ESN** — unique number the network uses to identify your MiFi device.
- **MDN** — public ID for your specific wireless service.
- **MSID** — internal ID your network uses to identify your account.
- **NAI** — address of your MiFi device on the network.
- **PRL Version** — to verify that your PRL (preferred roaming list) is the most current.

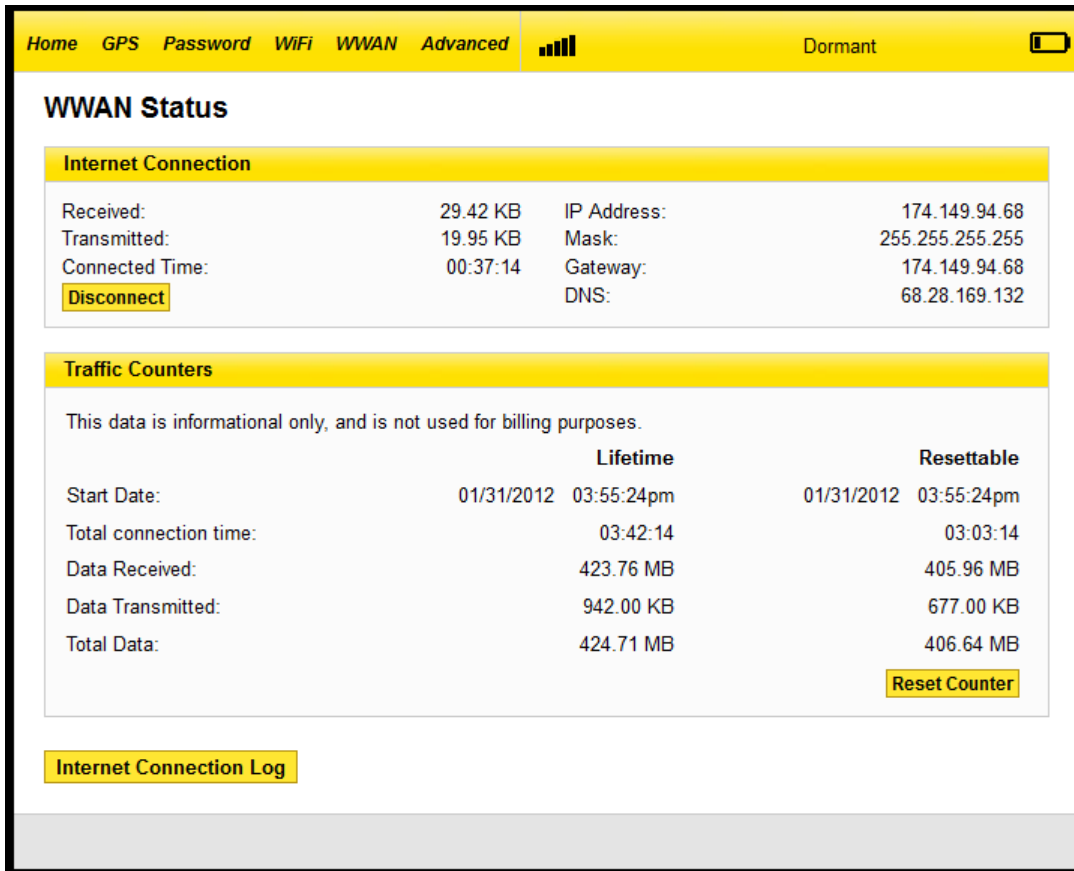
**NOTE** Do not click the **Reset Modem** button unless you have received an MSL number from technical support.





## WWAN Status

The WWAN Status screen displays information about your internet connection.



The screenshot shows the WWAN Status screen with a yellow header bar containing navigation tabs: Home, GPS, Password, WiFi, WWAN, and Advanced. On the right of the header, there is a signal strength indicator, the status 'Dormant', and a battery icon.

### WWAN Status

**Internet Connection**

Received:	29.42 KB	IP Address:	174.149.94.68
Transmitted:	19.95 KB	Mask:	255.255.255.255
Connected Time:	00:37:14	Gateway:	174.149.94.68
<b>Disconnect</b>		DNS:	68.28.169.132

**Traffic Counters**

This data is informational only, and is not used for billing purposes.

	Lifetime		Resettable	
Start Date:	01/31/2012	03:55:24pm	01/31/2012	03:55:24pm
Total connection time:		03:42:14		03:03:14
Data Received:		423.76 MB		405.96 MB
Data Transmitted:		942.00 KB		677.00 KB
Total Data:		424.71 MB		406.64 MB

**Reset Counter**

**Internet Connection Log**

This screen is divided into three sections.



### Internet Connection

The Internet Connection section displays the following information:

- Status of the connection
- Number of bytes received and transmitted
- Duration of the current connection
- Your MiFi device’s IP address and subnet mask
- Gateway IP address
- DNS server IP address

Click the **Disconnect** button to disconnect from the DataJack network, or **Connect** to reconnect to the DataJack network.

Internet Connection			
Received:	29.42 KB	IP Address:	174.149.94.68
Transmitted:	19.95 KB	Mask:	255.255.255.255
Connected Time:	00:37:14	Gateway:	174.149.94.68
<b>Disconnect</b>		DNS:	68.28.169.132

### Traffic Counters

The Traffic Counters section displays the following information:

- Date and time connection was made
- Total duration of connection
- Total data bytes received and transmitted, plus the total for both directions

This section displays both a cumulative (lifetime) count and a count for the current session (which can be reset).

You can click the **Reset Counter** button to set all counts back to zero.



### Traffic Counters

This data is informational only, and is not used for billing purposes.

	Lifetime	Resettable
Start Date:	01/31/2012 03:55:24pm	01/31/2012 03:55:24pm
Total connection time:	03:42:14	03:03:14
Data Received:	423.76 MB	405.96 MB
Data Transmitted:	942.00 KB	677.00 KB
Total Data:	424.71 MB	406.64 MB

[Reset Counter](#)

### Connection Log

The **Connection Log** to display a log of outgoing traffic showing these details:

- Date/Time
- Client IP Address (IP address of sender)
- Destination (IP address of recipient)
- Port (computer port through which data was sent)
- Type (connection protocol used)

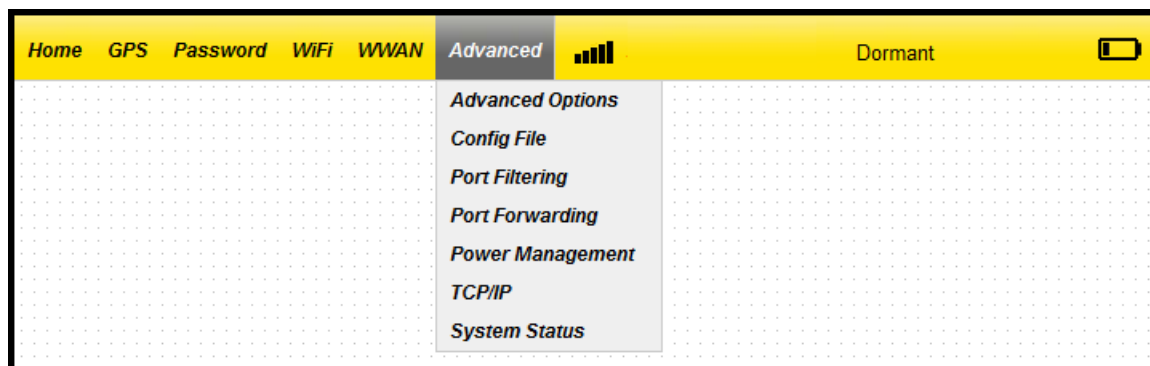


## Advanced Menu

The Advanced menu allows you to back up and restore your configuration, specify router settings such as DHCP; port filtering, and port forwarding, and to customize power management settings.

The Advanced menu has seven components:

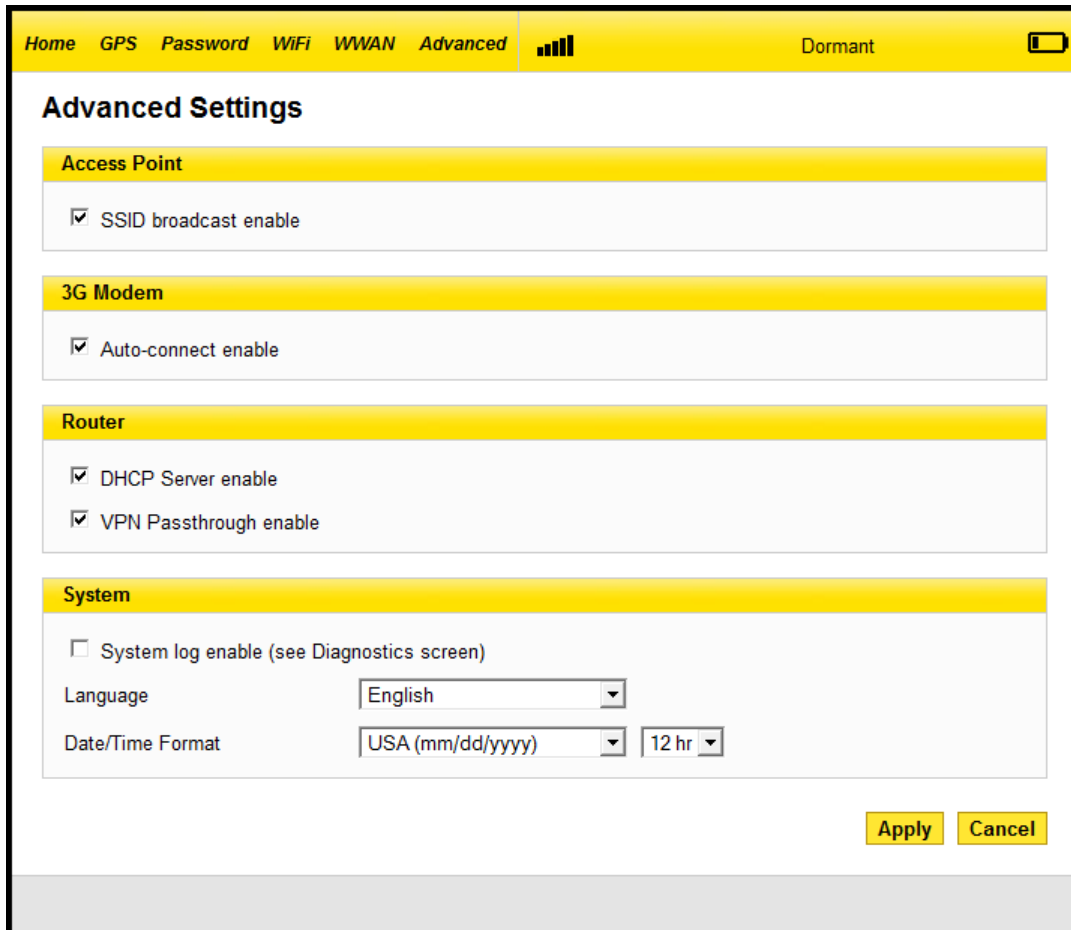
- **Advanced Options** — to enable SSID broadcast, auto-connect to the network, DHCP, VPN passthrough, or the system log.
- **Config File** — to back up or restore a file containing your MiFi device settings.
- **Port Filtering** — to specify which applications can access the internet and through which port(s).
- **Port Forwarding** — to specify which applications can access your computer through the internet and through which port(s). You might use this if you have an FTP server or play certain online games.
- **Power Management** — to customize your MiFi device's power-saving settings.
- **TCP/IP** — to view or change the IP address and subnet mask for your MiFi device, and to view the MAC address and DHCP address range for your MiFi device.
- **System Status** — to view information about your MiFi device and to view the system log. You can also restart your MiFi device or restore it to its factory default settings here.





## Advanced Settings

Click **Advanced Options** in the Advanced Menu to configure your MiFi device or to enable the system log.



The Advanced Settings screen is divided into four sections.

### *Access Point*

Enabling SSID broadcasting allows others nearby computers to see your MiFi device’s network name (SSID). This is what you see when you select “View Available Wireless Networks.”



Disabling SSID broadcasting provides additional security but you will have to re-enable it if you lose your automatic connection.

- Select the **SSID broadcast enable** checkbox to enable SSID broadcasting, or clear the checkbox to disable SSID broadcasting, and then click the **Apply** button.

#### Access Point

SSID broadcast enable

### 3G Modem

Enabling auto-connect allows your MiFi device to connect to your network automatically when it is turned on.

- Select the **Auto-connect enable** checkbox to enable auto-connection, or clear the checkbox to disable auto-connection, and then click the **Apply** button.

#### 3G Modem

Auto-connect enable

### Router

Enabling the DHCP server allows your MiFi device to automatically assign a local IP address to a new device joining your network (such as a wireless printer or an additional laptop). When the DHCP server is disabled, you will have to assign static IP addresses to all devices on your network.

- Select the **DHCP Server enable** checkbox to enable the DHCP server, or clear the checkbox to disable the DHCP server, and then click the **Apply** button.

VPN passthrough is required if you are going to connect to a VPN (such as a corporate system).

- Select the **VPN Passthrough enable** checkbox to enable VPN passthrough, or clear the checkbox to



disable VPN passthrough, and then click the **Apply** button.

**NOTE** Please check with your Corporate IT department for supported VPN protocols.

Router
<input checked="" type="checkbox"/> DHCP Server enable <input checked="" type="checkbox"/> VPN Passthrough enable

## System

The System section allows you to select your preferred language, date format, and time format, and to turn on the system log.

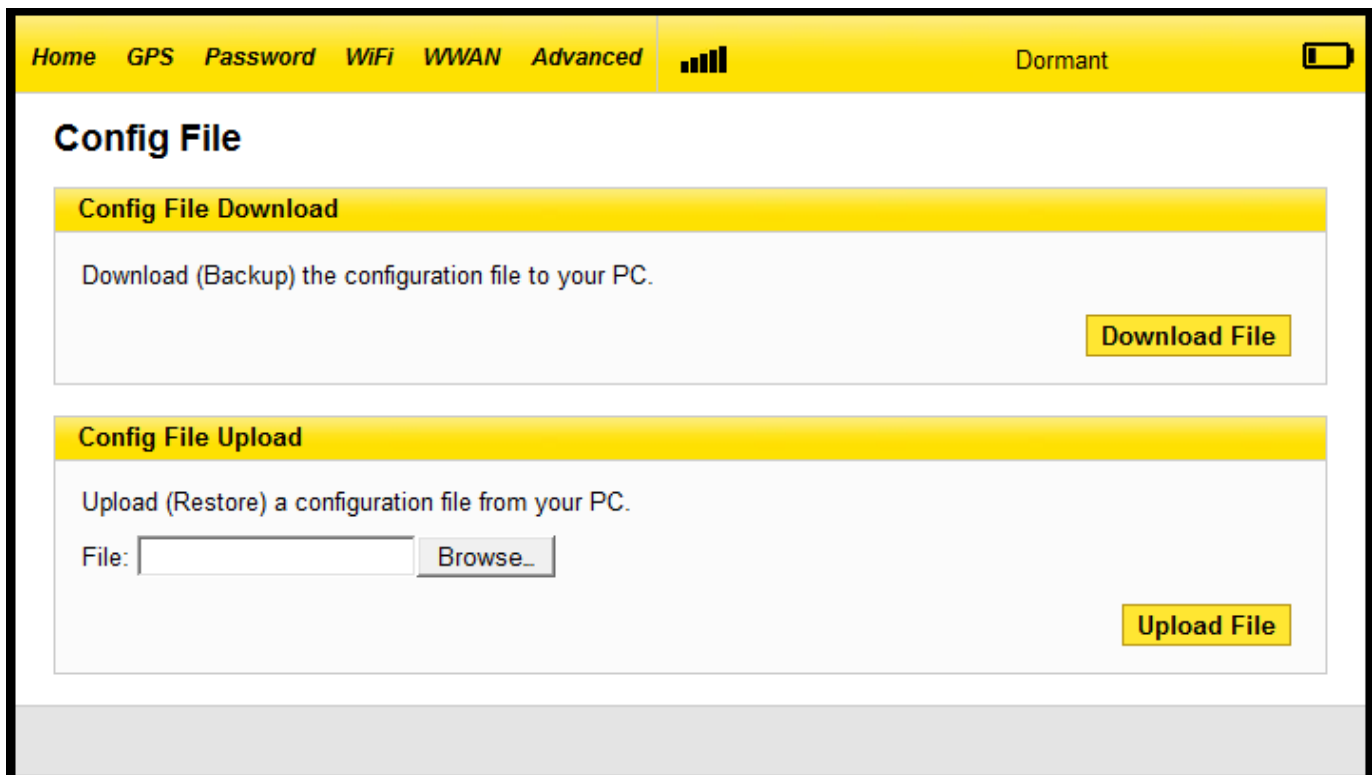
1. In the **Language** list, select the language you wish to use.
2. In the **Date/Time Format** list, select the date format (U.S. or European) and the time format (12-hr or 24-hr) that you want to use.
3. Optionally, you can select the **System log enable** checkbox if you want to create a system log.
4. Confirm your selections and click the **Apply** button.

System		
<input type="checkbox"/> System log enable (see Diagnostics screen)		
Language	English ▼	
Date/Time Format	USA (mm/dd/yyyy) ▼	12 hr ▼



## Config File

Click **Config File** in the Advanced Menu to back up your configuration file (MiFi device settings) to your computer, or to restore a saved configuration file from your computer.



The screenshot shows the web interface of the MiFi 2200 device. At the top, there is a yellow navigation bar with the following menu items: Home, GPS, Password, WiFi, WWAN, and Advanced. To the right of the menu items are a signal strength indicator, the word "Dormant", and a battery icon. Below the navigation bar, the main content area is titled "Config File". There are two sections: "Config File Download" and "Config File Upload".

**Config File Download**

Download (Backup) the configuration file to your PC.

[Download File](#)

**Config File Upload**

Upload (Restore) a configuration file from your PC.

File:  [Browse...](#)

[Upload File](#)

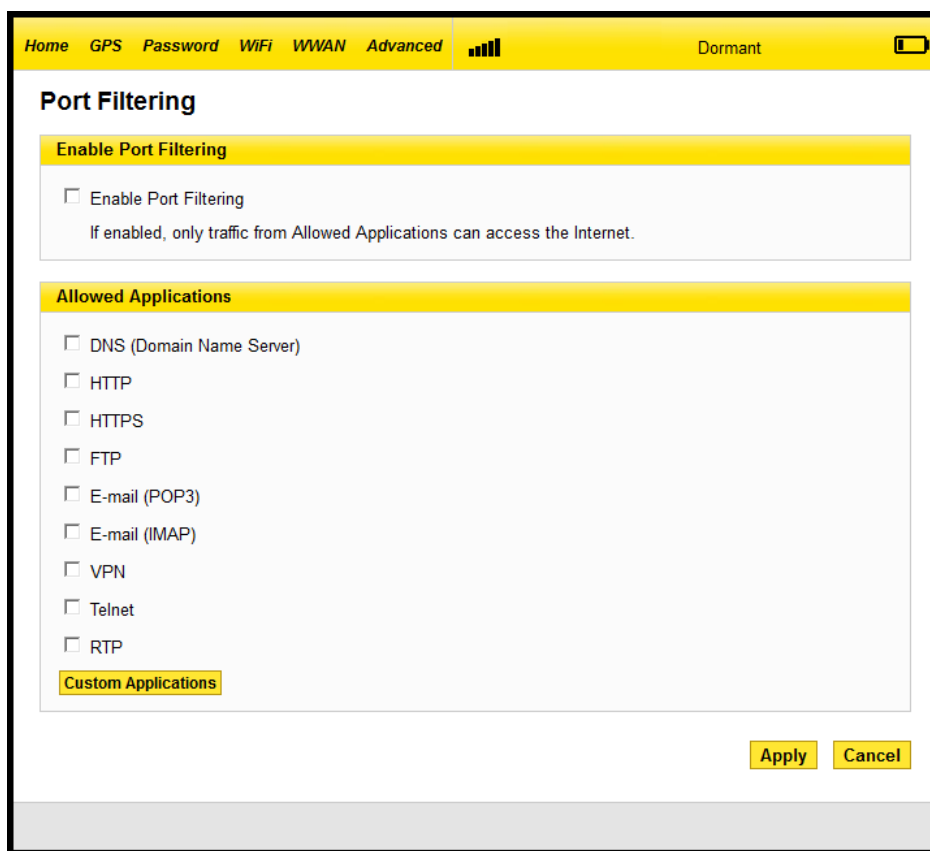


## Port Filtering

Click **Port Filtering** in the Advanced Menu to enhance the security of your system by controlling which applications are allowed to access the internet.

Port filtering allows you to conserve bandwidth by preventing non-business applications from accessing the internet. It can also be used to specifically allow certain applications such as games and video conferencing software to use certain ports to access their online components.

The Port Filtering screen allows you to enable port filtering, allow selected applications to access the internet, and set up custom applications for access to the internet.





### Port Filtering for Standard Applications

1. From the Port Filtering screen, select the **Enable Port Filtering** checkbox.
2. Select the checkboxes for the applications for which you want to allow access to the internet.
3. Confirm your selections and click the **Apply** button.

**NOTE** Your MiFi device uses standard ports for these applications. If you have applications that do not use the standard ports or that are not listed under Allowed Applications, click the **Custom Applications** button.

### Port Filtering for Custom Applications

To set up port filtering for a custom application, you will need to know the port numbers (up to five ports or port ranges) and the protocol (TCP, UDP, or both) the application uses for its outgoing traffic.

1. From the Port Filtering screen, select the **Enable Port Filtering** checkbox.
2. Click **Custom Applications**.
3. Enter a name for the application and click the **Ports** link.

## Custom Port Filtering

Help

**Custom Applications**

1.	<input type="checkbox"/>	<input style="width: 95%;" type="text"/>	<a href="#">Ports &gt;&gt;</a>
2.	<input type="checkbox"/>	<input style="width: 95%;" type="text"/>	<a href="#">Ports &gt;&gt;</a>
3.	<input type="checkbox"/>	<input style="width: 95%;" type="text"/>	<a href="#">Ports &gt;&gt;</a>
4.	<input type="checkbox"/>	<input style="width: 95%;" type="text"/>	<a href="#">Ports &gt;&gt;</a>
5.	<input type="checkbox"/>	<input style="width: 95%;" type="text"/>	<a href="#">Ports &gt;&gt;</a>
6.	<input type="checkbox"/>	<input style="width: 95%;" type="text"/>	<a href="#">Ports &gt;&gt;</a>

Apply
Cancel



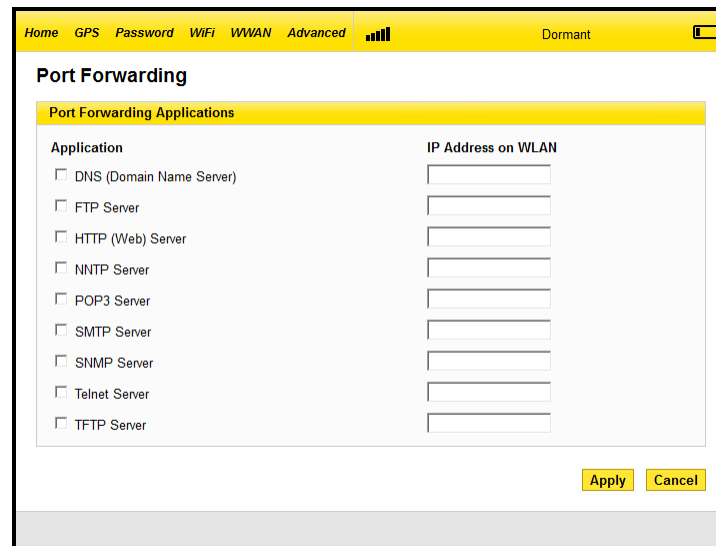
4. Enter the port or port range. You can enter up to five ports or port ranges.
  - Single port — enter the port number in both fields.
  - Port range — enter the beginning port number in the left field and the ending port number in the right field.
5. For each port number or range, select the protocol (TCP, UDP, or both) used by that port or port range.
6. Click **Hide**.
7. Click the **Apply** button.

## Port Forwarding

The Port Forwarding screen allows you to enter the local static IP address for each application that you want to receive traffic from the internet.

**NOTE** *You will need to set up static IP addresses on your WLAN for each device that has an application to which you want to forward.*

1. From the Port Forwarding screen, select the checkbox for the application you want to enable.
2. Type the local static IP address of the device hosting the application into the **IP Address on WLAN** box.
3. Click the **Apply** button when you are finished adding applications.



The screenshot shows the 'Port Forwarding' screen. At the top, there is a navigation bar with 'Home', 'GPS', 'Password', 'WiFi', 'WWAN', and 'Advanced' tabs. The status bar shows 'Dormant' and a battery icon. The main content area is titled 'Port Forwarding Applications' and contains a table with two columns: 'Application' and 'IP Address on WLAN'. The table lists several applications with checkboxes and corresponding input fields:

Application	IP Address on WLAN
<input type="checkbox"/> DNS (Domain Name Server)	<input type="text"/>
<input type="checkbox"/> FTP Server	<input type="text"/>
<input type="checkbox"/> HTTP (Web) Server	<input type="text"/>
<input type="checkbox"/> NNTP Server	<input type="text"/>
<input type="checkbox"/> POP3 Server	<input type="text"/>
<input type="checkbox"/> SMTP Server	<input type="text"/>
<input type="checkbox"/> SNMP Server	<input type="text"/>
<input type="checkbox"/> Telnet Server	<input type="text"/>
<input type="checkbox"/> TFTP Server	<input type="text"/>

At the bottom right of the screen, there are two buttons: 'Apply' and 'Cancel'.



## Power Management

When your MiFi device is on battery power, you can set the length of time before it shuts down. You can also turn off your MiFi device's LEDs to save additional power.

Use the Power Management screen to set how long your MiFi device is idle before it shuts down.

1. From the Power Management screen, select the **Disable LEDs** checkbox to disable or clear the checkbox to enable your MiFi device's LEDs.

**NOTE** *The Disable LEDs option turns off all LEDs except for critical errors and low battery.*

2. Under the Battery Power section, select the time that should elapse before your MiFi device shuts down (2 to 60 minutes); or click **Never** to disable this feature when your MiFi device is on battery power.
3. Click the **Apply** button.

Home GPS Password WiFi WWAN Advanced Dormant

### Power Management

**LED Control**

The LEDs on your MiFi can be switched off, to make it less obvious that it is in use.

Disable LEDs

**AC Power**

When using AC power, your MiFi can switch to Low Power Mode when idle.

Switch to Low Power Mode

**Battery Power**

When using Battery Power, your MiFi can switch to Low Power Mode, or Shutdown, when idle.

Switch to Low Power Mode

Shutdown

**Apply** **Cancel**



## Connecting to your MiFi Device

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**NOTE** *The battery should be fully charged before using the MiFi device for the first time.*

**TIP** *The default SSID for your MiFi device is DATAJACK xxxx, where 'xxxx' represents the last four digits of your MiFi device's ESN number.*

1. Press the power button on the top of the MiFi device. A solid green LED will indicate when the device is in service and ready to connect.
2. Use the WiFi manager on your computer to locate and select your **DATAJACK xxxx** network name (SSID).
  - From a Windows PC: Open the Control Panel and select the **Network and Sharing Center**. Select the **Connect to a network** option. Choose **DATAJACK xxxx** from the list of available networks.
  - From a Mac computer: Select **System Preferences > Airport**. Choose **DATAJACK xxxx** from the Network Name dropdown menu.
3. Click **Connect**.
4. Enter your 10-digit network key when prompted for a security key.
  - On some MiFi devices, your default network key will match the ESN number on the device.
  - Otherwise, the default network key will be **1234567890**

**TIP** *The steps to connect to a Wi-Fi network vary depending on your operating system and whether you use the native application or third-party software.*

*Generally you click an icon (often in the System Tray for Windows or System Preferences > Network on a Mac) where you can select "View Available Wireless Networks." If you are unfamiliar with wireless networking on your computer, try consulting your computer's help system.*



## Troubleshooting your MiFi Device

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For a more complete listing of errors and possible solutions, please visit [www.datajack.com/faqs](http://www.datajack.com/faqs) to find up-to-date FAQs and user guides for this device.

<i>Problem</i>	<i>Solution</i>
<b>The device has no power</b>	<p>Ensure the following:</p> <ul style="list-style-type: none"> <li>• The battery is properly seated.</li> <li>• The battery is fully charged. Charging requires at least 2.5 hours.</li> </ul>
<b>No service / Limited or no connectivity</b>	<p>Try the following:</p> <ul style="list-style-type: none"> <li>• Reorient your device.</li> <li>• If you are inside a building or near a structure that may be blocking the signal, change the position or location of the device.</li> </ul>
<b>Power Button LED is blinking amber</b>	<p>Please contact customer service for advanced troubleshooting.</p>
<b>My SSID does not show up in the wireless network list</b>	<p>Ensure that the MiFi is powered on and wait about 15 seconds for the network to appear by refreshing the available wireless networks list.</p>




**NOTE** *You cannot use your MiFi device while roaming in Canada, Mexico, or other destinations outside of the US.*









## LED Status Indicators

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Your MiFi device has two LED indicators. They operate as follows:

<i>Service Status LED</i>		<i>Indicates</i>
None	---	MiFi is powered off
Green — Solid		MiFi is powered on but not transmitting or receiving
Green — Slow Blinking		MiFi is powered on but no service available
Green — Intermittent Blinking		MiFi is transmitting and receiving data

<i>Power Button LED</i>		<i>Indicates</i>
None	---	MiFi is powered off
Blue — Solid		MiFi is powered on and looking for roaming
Green — Solid		MiFi is powered on and fully charged
Green — Glowing		MiFi is in hibernate mode
Red — Blinking		MiFi battery is critically low
Amber — Solid		MiFi battery is charging
Amber — Blinking		Contact DataJack Customer Service



## Technical Specifications

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### *Environmental Specifications*

<b>Operating Temperature:</b>	14°F to 113°F
<b>Storage Temperature:</b>	-4°F to 77°F
<b>Vibration Stability:</b>	5 Hz to 500 Hz, 0.1 octave/second
<b>Drop:</b>	3.28 foot drop, no damage — fully operational

### *Mechanical Specifications*

<b>Dimensions (W x D x H):</b>	59mm x 9mm x 89mm
<b>Weight:</b>	2.05 oz / 58 g
<b>Battery Pack:</b>	1150 mAh
<b>LED:</b>	Three: DataJack brand, power, and 3G service indicators

### *CDMA Technology*

<b>CDMA Specification:</b>	CDMA Rev A, Rev 0, 1XRTT
<b>Band Designation:</b>	800/1900 Mhz
<b>Transmit Band:</b>	824.7-848.31Mhz / 1851.25-1908.75Mhz
<b>Receive Band:</b>	869.7-893.31MHz / 1931.25-1988.75MHz



## Regulatory Information

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This device is designed to be activated on the DataJack network and has a software programming lock that, in part, protects many of the device's features and functions against tampering and unauthorized reprogramming. This device will work with DataJack services—service plans and other services/options must be purchased separately. This device operates within the CDMA frequency band of 800 MHz/1.9 GHz. This device will not operate on any iDEN network. Coverage is not available everywhere. This product meets current FCC Radio Frequency Emission Exposure Guidelines. FCC Equipment Authorization ID number: PKRNVWMIFI2200

### *Federal Communications Commission Notice (FCC)*



Electronic devices, including computers and wireless modems, generate RF energy incidental to their intended function and are therefore subject to FCC rules and regulations.

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## Contacting DataJack Customer Service

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Our friendly customer service representatives are available Monday – Friday from 8AM to 9PM (CT), and on weekends and holidays from 9AM to 2PM (CT).



Call us toll-free at **1-888-693-4522**



Email us at **support@datajack.com**



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