

*[Ride-Fi]*

## User Guide



[UG template version 15b\_mbb

*[draft version for review control]*

*[Sprint\_TCL\_Y856UB\_UG\_EN\_092515\_D1]*

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# Introduction

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The following topics describe the basics of using this guide and your new mobile broadband device.

## Before You Begin

Thank you for purchasing your new *Ride-Fi*. The following topics explain how best to use this guide to get the most out of your mobile broadband device.

### Before Using Your Device

Read [Safety and Notices](#) thoroughly for proper usage.

Accessible services may be limited by subscription contract conditions.

### Guide Usage Notes

Note that most descriptions in this guide are based on your device's default settings at the time of purchase.

### Screenshots and Key Labels

Screenshots and Key labels are provided for reference only. Actual windows, menus, etc. may differ in appearance.

### Other Notations

In the user guide, the mobile broadband device may be referred to either as "mobile broadband device," "hotspot," "device," or "Wi-Fi router."

## Compatible Operating Systems (OS)

The table below outlines the compatible operating systems (OS) for your device. Use outside these environments may affect performance. Additional factors (hardware, connected peripherals, installed applications, etc.) may also affect performance.

- For computer support, OS version upgrade information, etc., see the corresponding manufacturer's product support documentation.
- The information for operating system (compatible OS) listed below is the current information for your device sold as of *March 2016*.

Item	Description
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Item	Description
<b>Compatible operating systems (OS)</b>	<p><i>Microsoft Operating Systems Vista 32 and 64 bit</i></p> <p><i>Microsoft Operating Systems Windows7 32 and 64 bit</i></p> <p><i>Microsoft Operating Systems Windows8 32 and 64 bit</i></p> <p><i>Macintosh Operating Systems OSX 10.4 and later</i></p> <p><i>Linux Operating Systems Ubuntu LTS versions 12.04 and later</i></p> <p><i>Google Operating System for Chrome OS</i></p>
<b>Available hard disk capacity</b>	<p><i>50 MB required (100 MB+ recommended)</i></p> <p><i>(common to all Operating Systems listed above)</i></p>
<b>Recommended resolution</b>	<i>1024 x 768 or higher</i>
<b>Compatible browsers</b>	<p><i>Internet Explore 8 and later</i></p> <p><i>Safari 5.1 and later</i></p> <p><i>Chrome 36 and later</i></p> <p><i>FireFox 31 and later</i></p>

## Package Contents

See below for details on everything you will find in the box for your *Ride-Fi*

- *Ride-Fi*
- *Get Started guide*
- *Important Information booklet*

## SSID and Security Key

Before connecting Wi-Fi devices to your *Ride-Fi*, you will need to confirm the SSID (network name) and security key.

- Open the back cover of the device, and you will see the MEID label.



- ❖ You will see the SSID (network name) and Key.

**Note:** There are two SSIDs set for your *Ride-Fi*. By default, [SSID and Key] is set for [Main Wi-Fi].

## Additional Information

The following list describes additional information useful to know before you begin using your *Ride-Fi*.

- Your mobile broadband device accommodates software updates. Always use the latest software.
- Note that connection speeds may drop or connections may be disabled depending on line traffic or connection environments.
- When using WLAN overseas, change the settings according to the laws of those countries.
- To enhance security, it is recommended that you set a passcode for unlocking the screen.

# Get Started

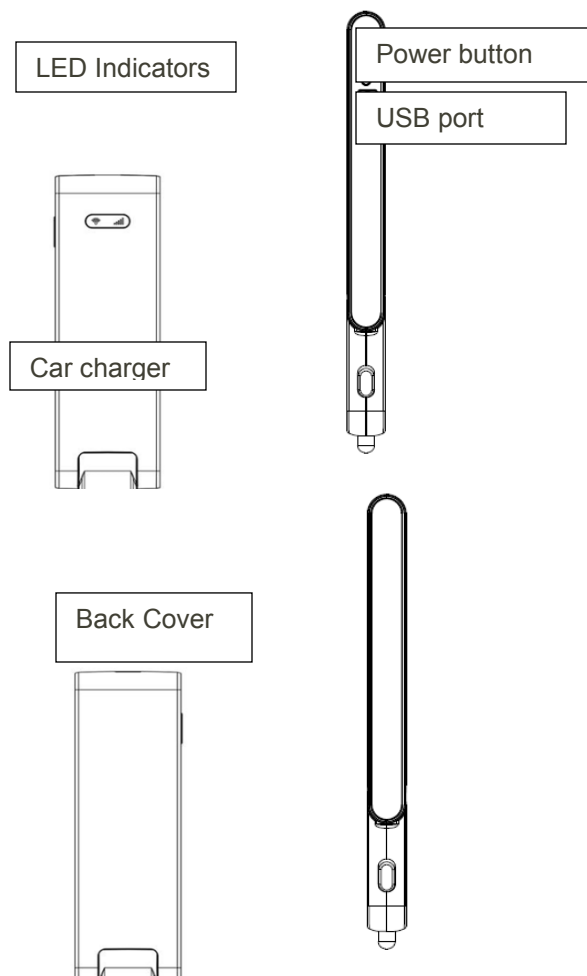
The following topics give you all the information you need to set up your device and wireless service the first time.

## Parts and Functions

Learn your device's primary parts and functions.

### Device Layout

The following illustration outlines your device's primary external features and buttons.



Part	Description
LED Indicators	Wi-Fi indicator to displays Wi-Fi signal status, and network indicator to display network connection status.

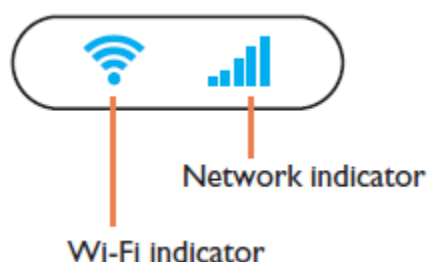
Part	Description
<b>Car Charger</b>	Power input of the device, to be plugged into the car's 12V or 24V power socket to get power for the device.
<b>USB port</b>	USB 2.0 for charging other devices.
<b>Backcover</b>	Remove the cover to remove or insert the SIM card.
<b>Power button</b>	Push to power on or off, reboot or wake up from sleep mode.

## LED Indicators

The following topics describe the details of your device's LED indicators.

### LED Indicator Layout

Explore your device's LED Indicator layout.



Part	Description
<b>Wi-Fi indicator</b>	Displays Wi-Fi signal status
<b>Network indicator</b>	Display network connection status

### LED Indicator Description

The description for the LED as bellow:

Indicator	LED status	Description (state)
Network Signal LED	Off	1, Device power off 2, Power saving mode
	Flashing Red(0.5s)	1, Network searching



	Flashing Blue (1s)	1,Registered and dialing into 4G(LTE) network
	Solid Blue	1, Dialed to 4G network 2, During power on/off (3s)
	Flashing Lilac (1s)	Registered and dialing into 1X or 3G (EVDO) network
	Solid Lilac	Dialed to 3G/2G network
	Solid Red	1,No signal (such as No Service, Limited Service, No Sim, Invalid Sim, Pin Lock etc)
	Flashing Red(1s)	1, Roaming to other networks, need user to confirm on WebUI.
WIFI LED	Off	1,Device power off 2,Power saving mode
	Blue	1,During power on/off (3s) 2,WiFi active

## Sleep Mode

If your mobile broadband device is not used for a while, the device enters sleep mode and LED turns off automatically.

- Press the **Power** key to wake the LED indicator.



- ❖ The LED indicators will light on indicate current status.
  - If there have been no Wi-Fi access or operation of your device, your device enters sleep mode to save power.
  - There are two layers of sleep mode:
 

If no transmissions or operation of your device in 10mins, LED indicators will be OFF, but WLAN is still enabled; LED indicator turn and exit sleep mode when Wi-Fi access begin or operate your device. .

If no transmissions or operation of your device in 30mins, WLAN will be disabled. Press the **Power** key to turn on LED indicator and exit sleep mode. WLAN function is enabled and Wi-Fi devices can reconnect to the *Ride-Fi*.
  - The time required to recover the network connection varies by environment, settings, etc.

## SIM Card

The SIM card is an IC card containing your device's device number and other customer information.

**Note:** Your device's SIM card is preinstalled.

## Handling a SIM Card

Keep the following in mind when handling a SIM card.

- Customer is responsible for any damage caused by inserting the SIM card in another-brand IC card reader, etc. The company is not responsible in such case.
- Always keep the IC chip clean.
- Wipe clean with a dry, soft cloth.
- Avoid applying labels. May damage the SIM card.
- See instructions included with the SIM card for handling.
- The SIM card is the property of the company.
- The SIM card is replaceable (at cost) in case of loss/damage.
- Return the SIM card to the company when cancelling subscription.
- Returned SIM cards are recycled for environmental purposes.
- Note that SIM card specifications and performance may change without notice.
- It is recommended that you keep a separate copy of information that is stored on the SIM card. The company is not responsible for damages from stored information that is lost.
- Always follow emergency procedures to suspend service if your SIM card or device (SIM card inserted) is lost or stolen. For details, contact Customer Service.

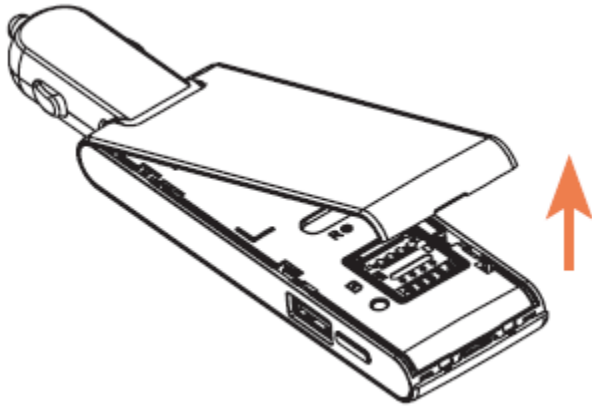
- Always power off the mobile broadband device before inserting or removing the SIM card.

## Insert a SIM Card

Follow these instructions to insert a SIM card. Remember to power off your device before inserting a SIM card.

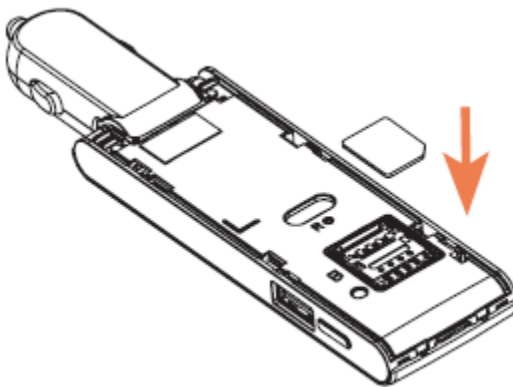
**Note:** Your device's SIM card is preinstalled. These instructions are for reference only.

1. Remove the back cover.

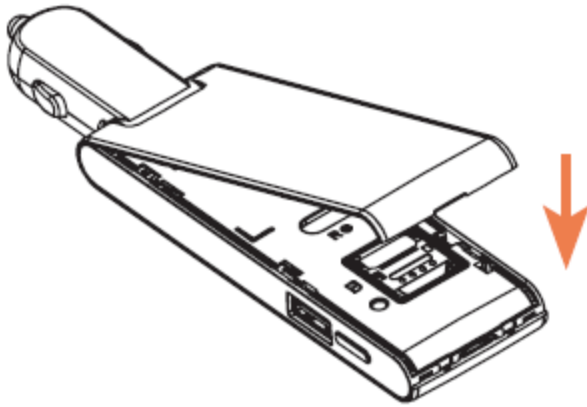


2. Open the SIM card holder and put in the SIM card

*[illustration]*



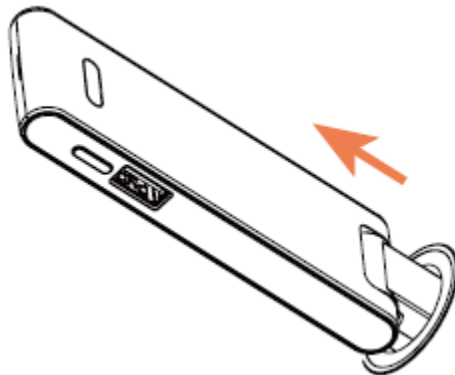
3. Close the back cover



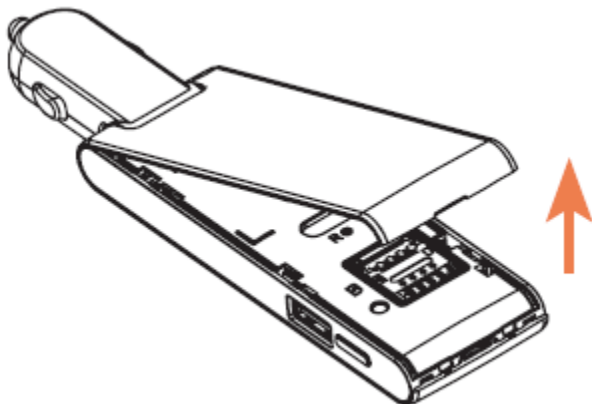
## Remove the SIM Card

Follow these instructions to remove the device's SIM card.

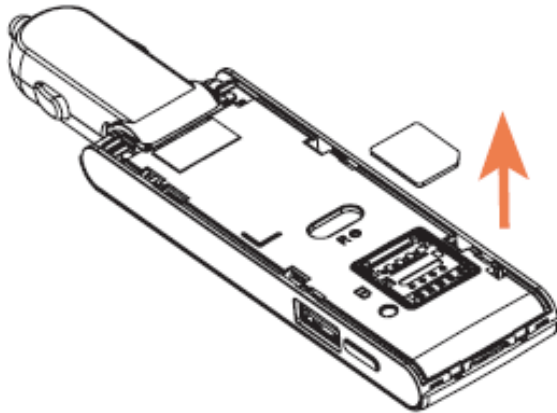
1. Plug out the device from the car's power socket to power off the device before removing the SIM card.



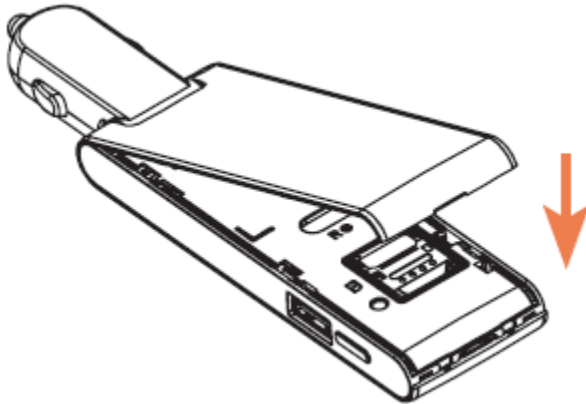
2. Remove the back cover.



3. Open the SIM card cover and remove the SIM card.



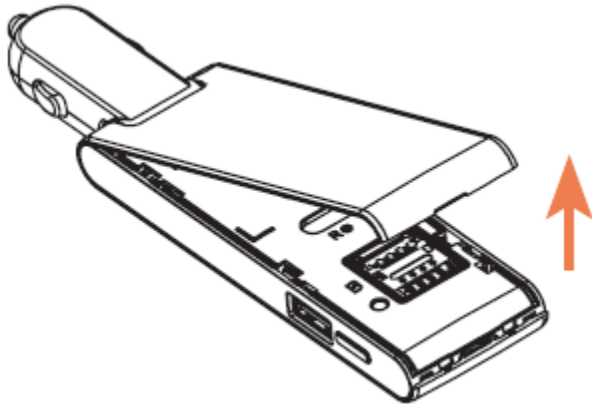
4. Attach the back cover.



## Check the SSID and Security Key

Your device's default SSID (network name) and security key are printed on a label beneath the device's battery. Turn the device off and remove the battery to access this information.

1. Remove the back cover.



2. Check the SSID (network name) and security key printed on the label beneath the battery.



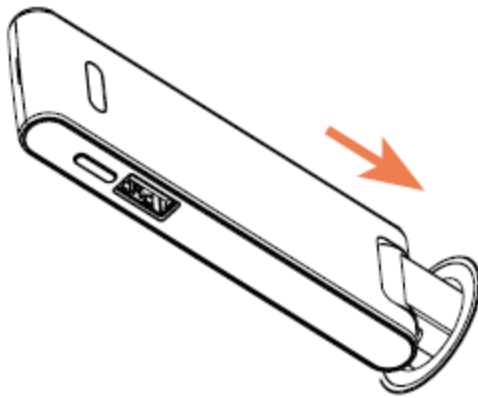
3. Replace the back cover.

## Turn Your Device On and Off

The instructions below explain how to turn your device on and off, or to restart your device if it cannot be powered on and off using the **Power** key

### Turn Your Device On

- Insert the device into the 12v or 24v power socket of the car



- Press and hold the **Power** key for 3 seconds.



- ❖ Your device's Wi-Fi function activates and automatically connects to the Internet.

### Turn Your Device Off

- Press and hold the **Power** key for 3 seconds, or plug out the device from the 12v or 24v power socket



❖ Your device will power off.

## Restart Your Device

If your device will not turn on or off using the **Power** key, use the action below to restart it.

1. Press and hold power key for 10 seconds.





❖ Your device will restart.

2. Release the keys after Wi-Fi has restarted.
3. You can also restart your device by plug out and plug in the device from the 12v or 24v power socket.

**Note:** Restarting your device does not reset the device settings.

# Connect with Wi-Fi (WLAN)

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The following topics outline basic features and operations of your device's Wi-Fi (WLAN) connections, including connecting with various OS and device types.

## Wi-Fi (WLAN) Overview

Below are some basics of your device's Wi-Fi (WLAN) function.

### Wi-Fi (WLAN) Information

- **Advanced Settings:** Change your device's Wi-Fi (WLAN) settings as required.
- **Simultaneous Connection:** Use your device to connect up to 15 Wi-Fi devices simultaneously.
- **Automatic Updates for Optimizing Wi-Fi Connection:** When connected by Wi-Fi, connection optimizing settings may be automatically received and updated.

### Wi-Fi (WLAN) Usage Cautions

For added security, it is recommended that you change the default network name (SSID) and security key (WPA) after setting up your device.

### Wi-Fi (WLAN) Overview

- Your device supports IEEE 802.11 b/g/n standards. Connect Wi-Fi devices (PC, game console, etc.) via Wi-Fi for wireless data transfers.
- Enter Wi-Fi router's SSID and WPA keys to connect Wi-Fi devices.
  - These settings should be performed when the device is connected the first time to another Wi-Fi device. Thereafter, simply activate Wi-Fi (WLAN) to automatically connect your mobile broadband device to the Wi-Fi (WLAN) device.

## Activate Wi-Fi (WLAN) Function

Follow the instructions below to activate your device's Wi-Fi function and connect to the Internet via an available 4G LTE, 4G, or 3G connection. Your device searches for and makes a connection automatically upon powering up. Use the Web UI to select a network.

- Insert the device into the 12v or 24v power socket of the car

- Press and hold the **Power** key for 3 seconds



- ❖ Your device's Wi-Fi function activates and automatically connects to the Internet.

## Connect Windows PCs with Wi-Fi

The following topics describe how to connect your device with various versions of Windows PCs via Wi-Fi.

*[add OS instructions, such as for Windows 10, as necessary]*

### Windows10

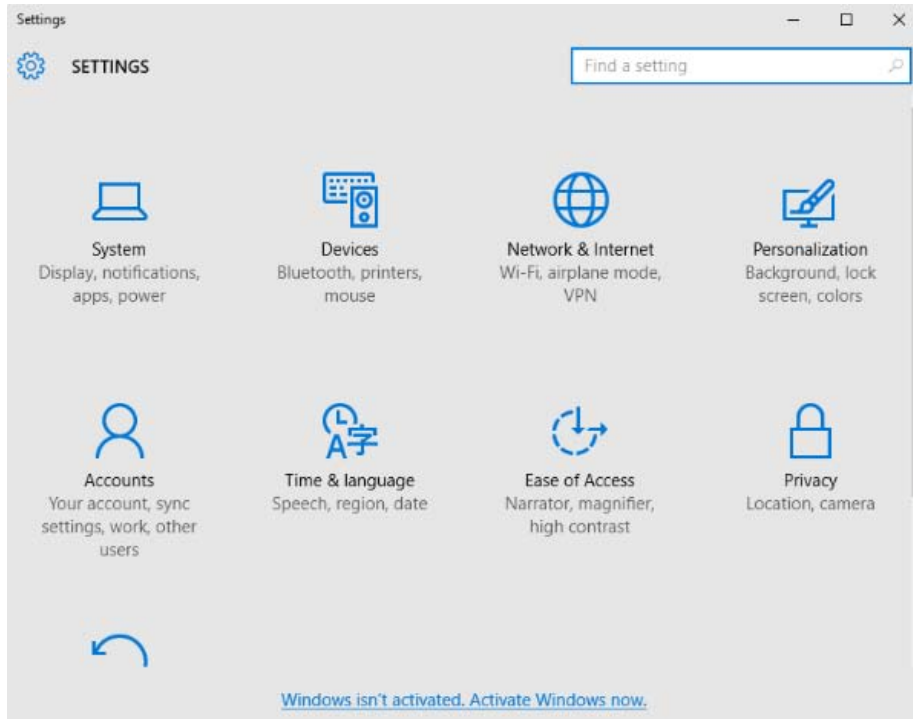
Connect Windows 10 PCs to your device with Wi-Fi.

4. Insert the device into the 12v or 24v power socket of the car

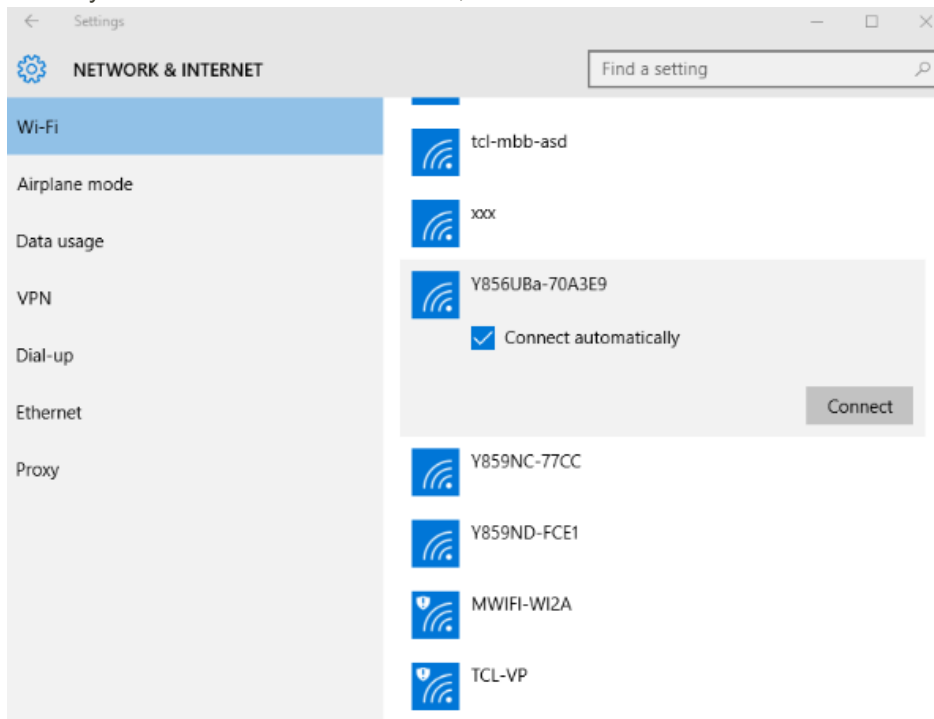
5. Press and hold the **Power** key for 3 seconds



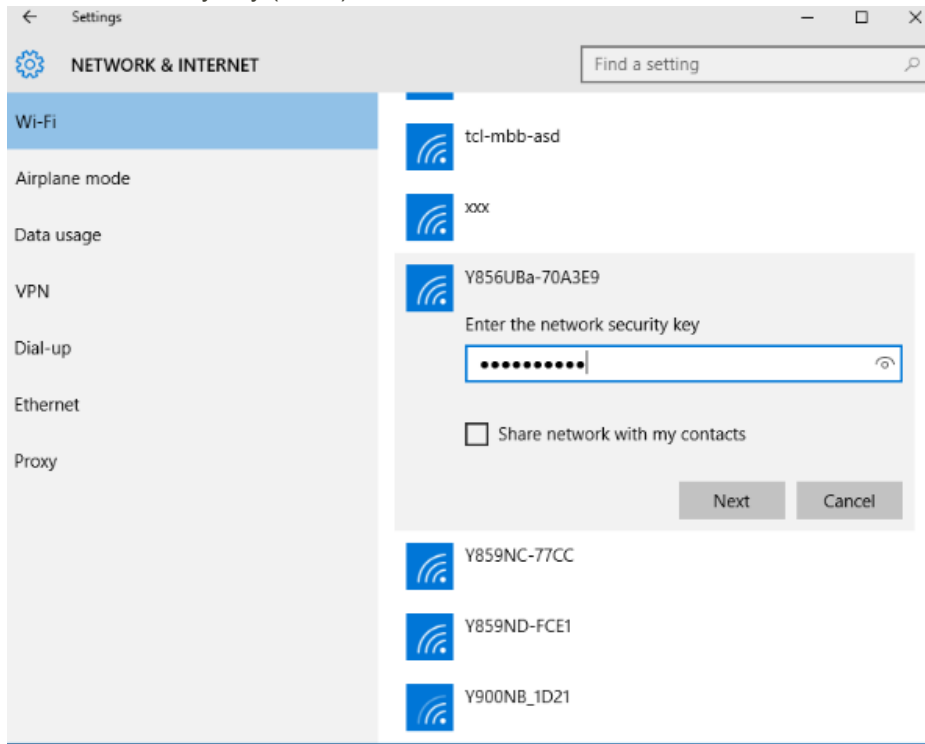
- ❖ Your device's Wi-Fi function activates and automatically connects to the Internet.
6. Activate your PC's Wi-Fi function.
    - Consult your PC's operation manual for details on activating Wi-Fi.
  7. On your PC, click **Start>Settings>Network &Internet**



8. Select your device's SSID from the list, and click **Connect**.



9. Enter the security key (WPA) and then click **Next**.



- ❖ The PC connects to your device. The connected status icon on your device will show an additional device has been connected.

## Windows 8



Connect Windows 8 PCs to your device with Wi-Fi.

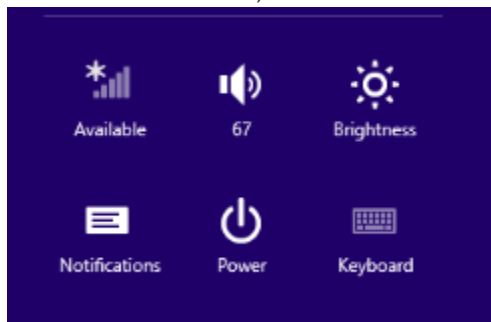
1. Insert the device into the 12v or 24v power socket of the car

2. Press and hold the **Power** key for 3 seconds

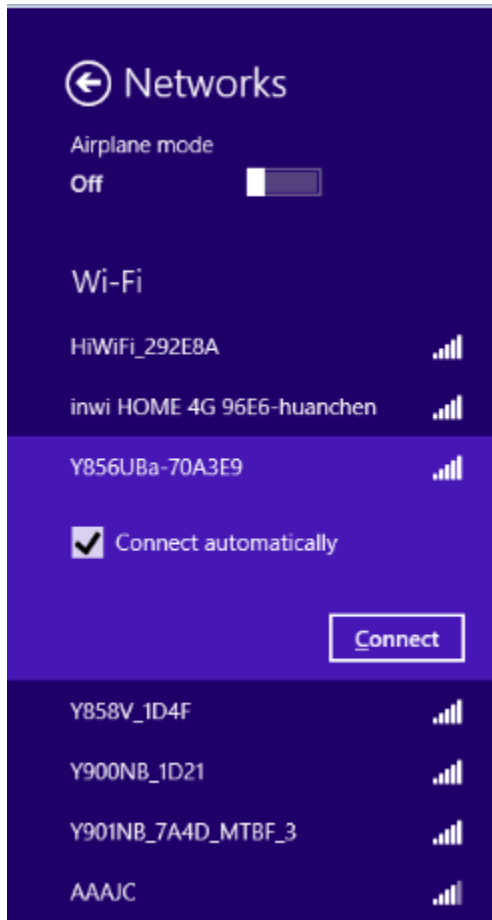


❖ Your device's Wi-Fi function activates and automatically connects to the Internet.

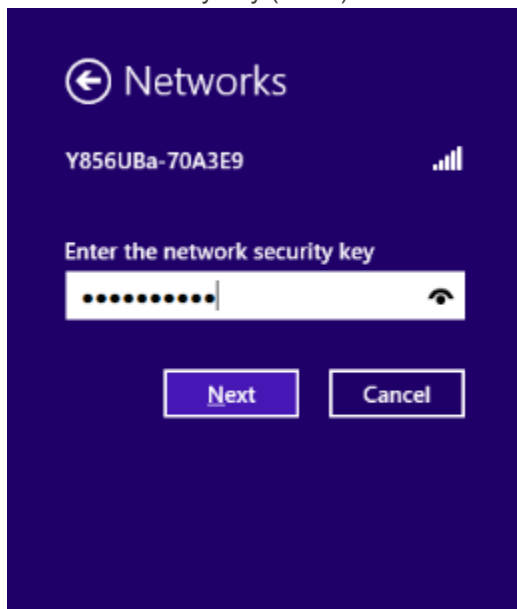
3. Activate your PC's Wi-Fi function.
  - Consult your PC's operation manual for details on activating Wi-Fi.
4. On your PC, move the cursor to the upper-right or lower-right corner (or swipe from the right side on a touchscreen PC) and select  > **Network** .



5. Select your device's SSID from the list, and click **Connect**.



6. Enter the security key (WPA) and then click **Next**.



- ❖ The PC connects to your device. The connected status icon on your device will show an additional device has been connected.



# Windows 7

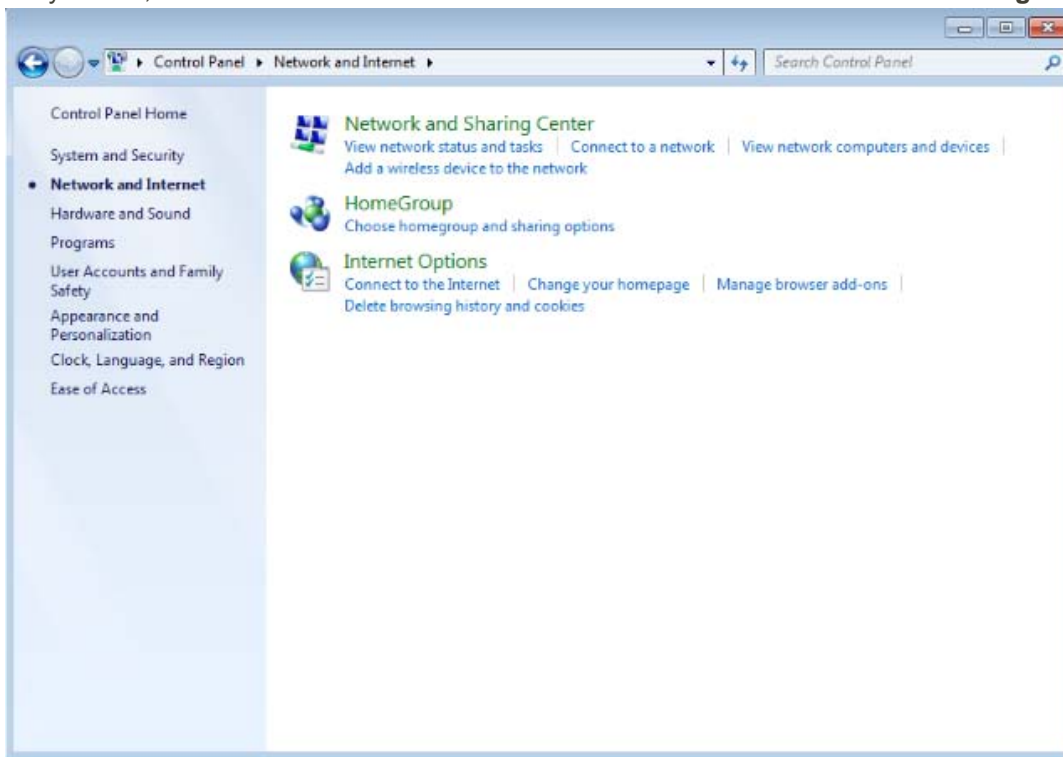
Connect Windows 7 PCs to your device with Wi-Fi.

1. Insert the device into the 12v or 24v power socket of the car.
2. Press and hold the **Power** key for 3 seconds.

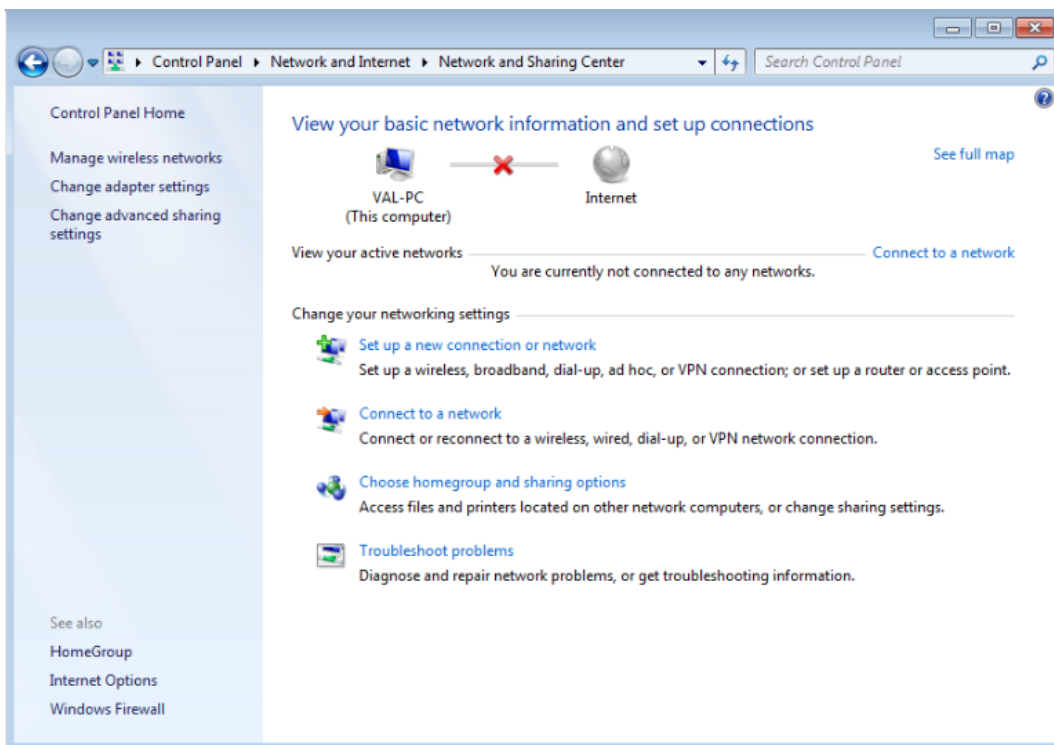


- ❖ Your device's Wi-Fi function activates and automatically connects to the Internet.
3. Activate your PC's Wi-Fi function.
    - Consult your PC's operation manual for details on activating Wi-Fi.

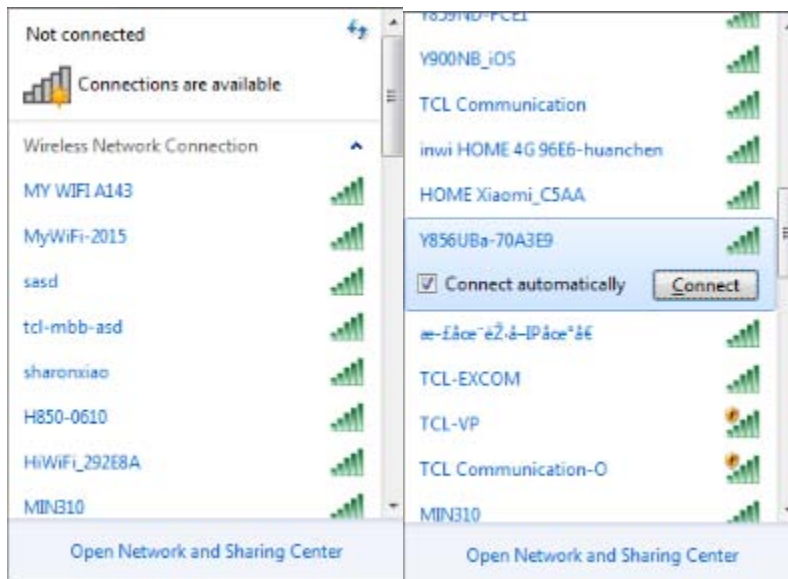
4. On your PC, click **Start>Control Panel>Network and Internet>Network and Sharing Center**.



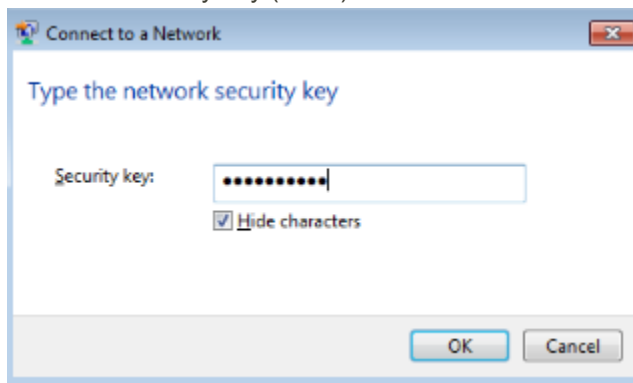
5. Click **Connect to a network**.



6. Select your device's SSID from the list, and click **Connect**.



7. Enter the security key (WPA) and then click **OK**.



- ❖ The PC connects to your device. The connected status icon on your device will show an additional device has been connected.

## Connect Mac Computers with Wi-Fi

Follow the instructions below to connect a Mac computer to your device via Wi-Fi.

**Note:** The operations depicted are based on Mac OS X 10.10.5, with Wi-Fi security set to WAP2.

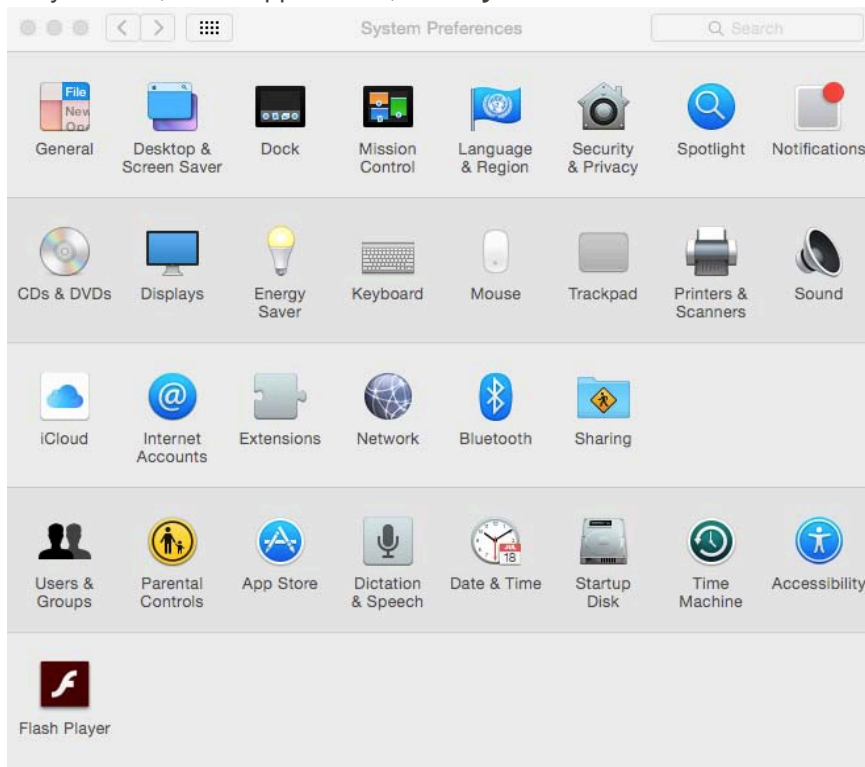
1. Insert the device into the 12v or 24v power socket of the car.

2. Press and hold the **Power** key for 3 seconds.

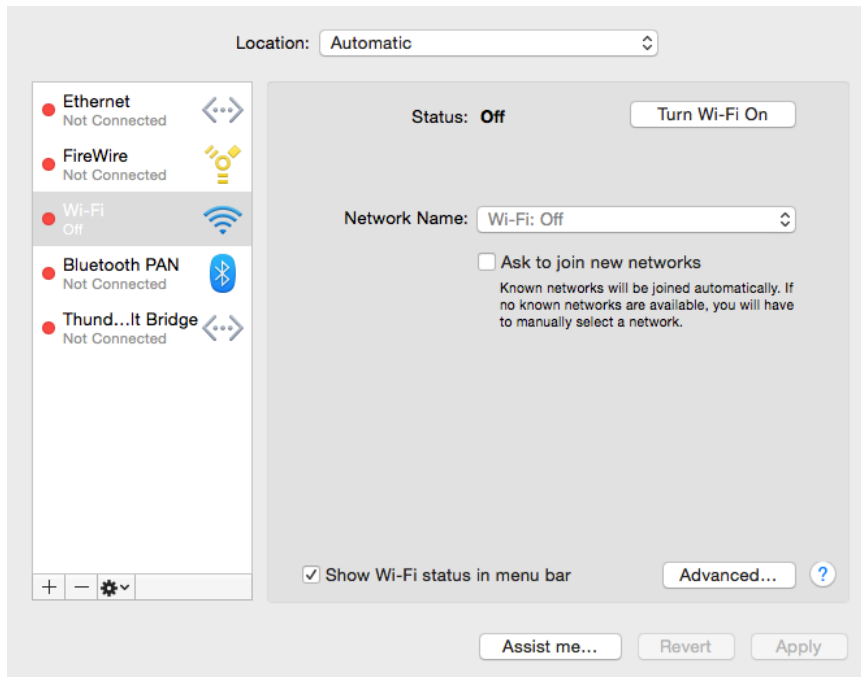


❖ Your device's Wi-Fi function activates and automatically connects to the Internet.

3. On your Mac, in the Apple menu, click **System Preferences...>Network**.

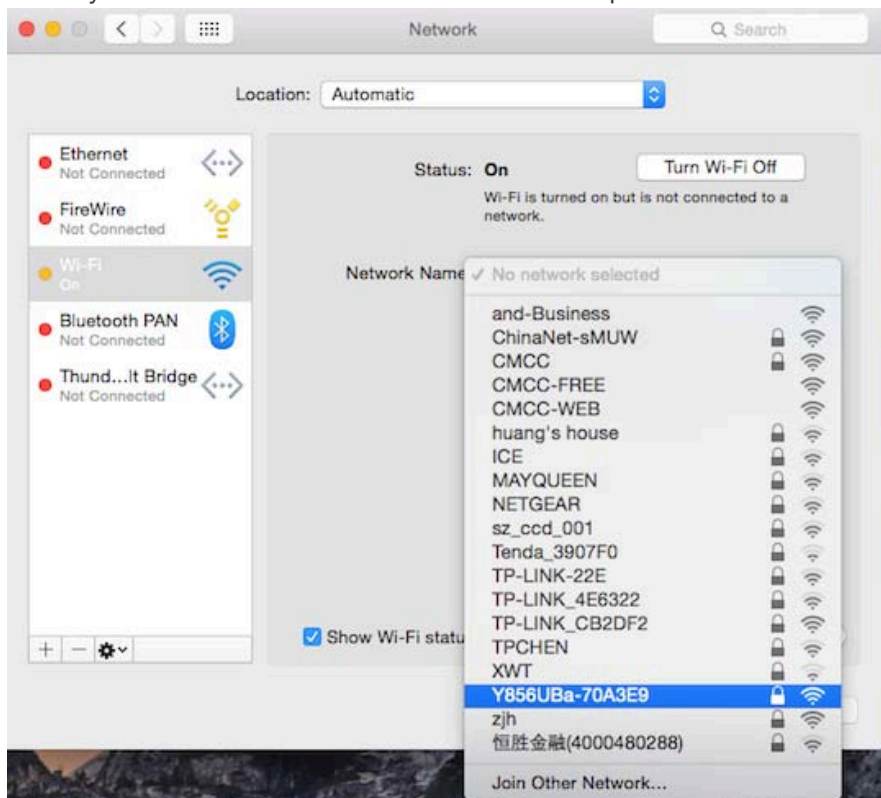


4. Click **Wi-Fi>Turn Wi-Fi On**.

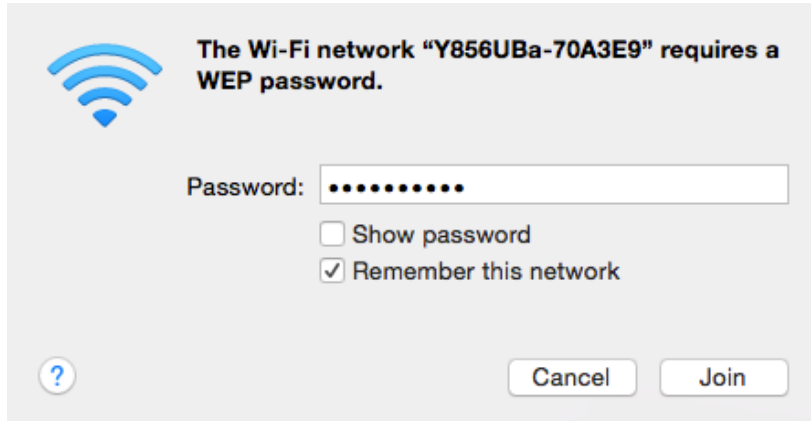


- ❖ Your computer's Wi-Fi function activates.

5. Select your device's SSID from the Network Name pulldown list.



6. Enter the security key (WPA) in the Password field, check **Remember this network**, and then click **Join**.



The Wi-Fi network "Y856UBa-70A3E9" requires a WEP password.

Password:

☐ Show password

☒ Remember this network

[?](#)

- ❖ The computer connects to your device. The connected status icon on your device will show an additional device has been connected.

## Connect iDevice/iPod Touch/iPad

The following topics outline how to connect your iDevice, iPod Touch, or iPad to your device via Wi-Fi.

### Connect an iDevice or an iPod Touch

Follow the instructions to connect your iDevice or iPod Touch to your device using Wi-Fi.

**Note:** The operations below are based on your iDevice or iPod Touch Wi-Fi security set to [xxx].

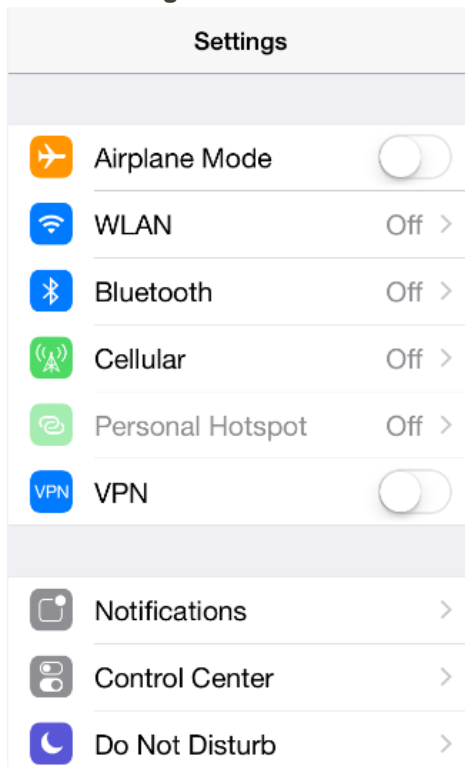
1. Insert the device into the 12v or 24v power socket of the car.

2. Press and hold the **Power** key for 3 seconds.

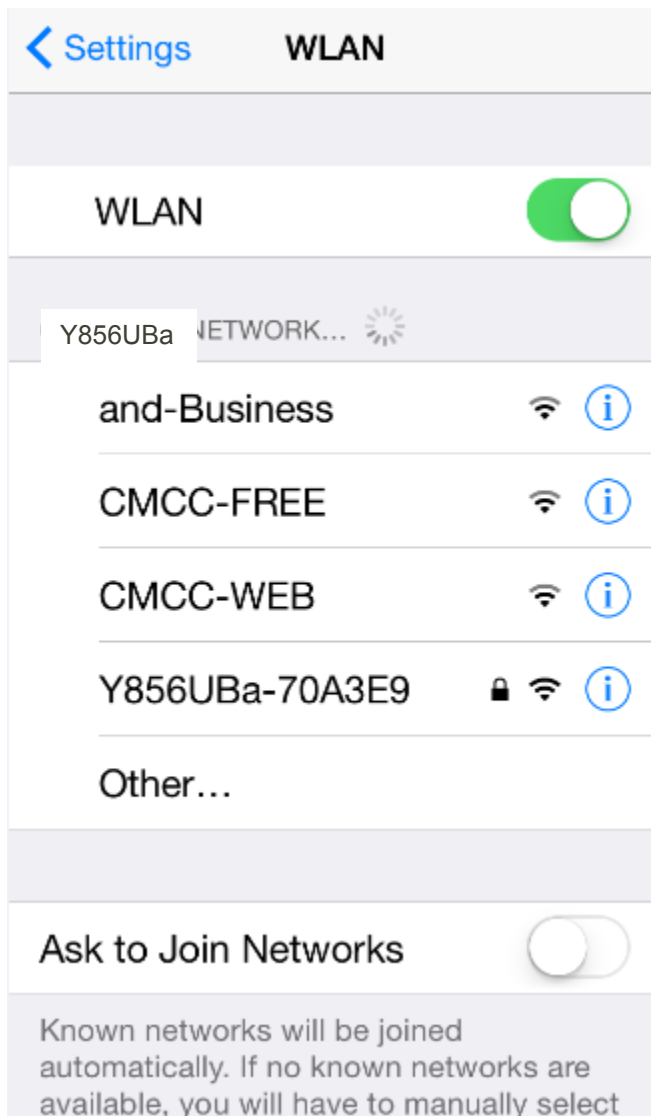


❖ Your device's Wi-Fi function activates and automatically connects to the Internet.

3. Select **Settings>Wi-Fi**.



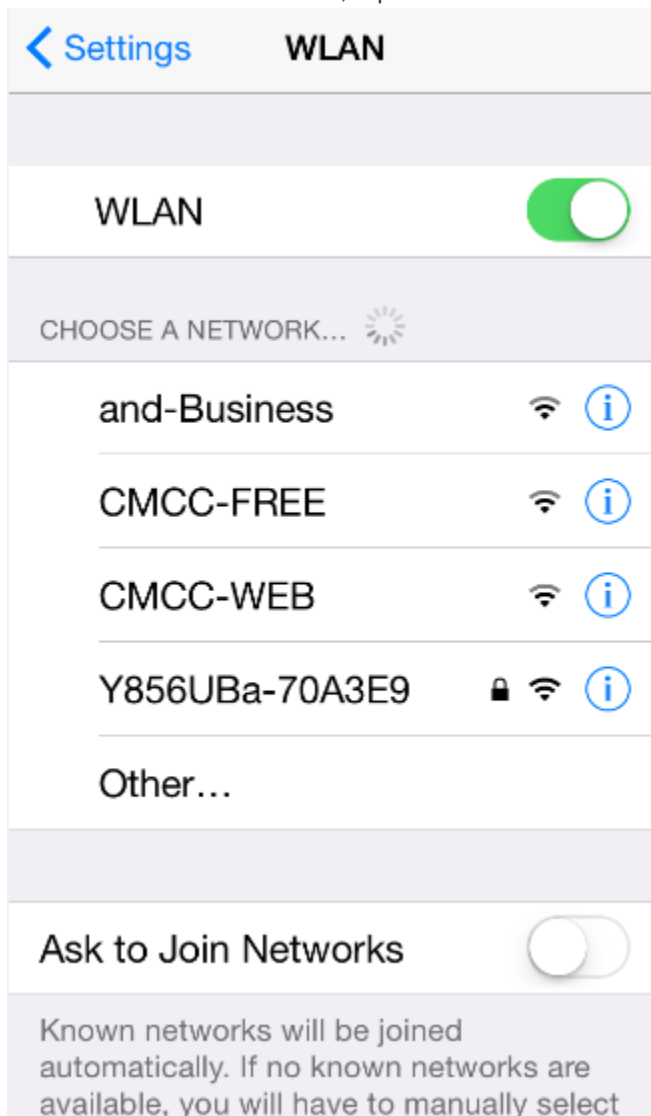
4. Select **Turn on Wi-Fi**.



- ❖ The iDevice or iPod Touch's Wi-Fi function activates.



5. In the Choose a Network list, tap the device's SSID.



6. Enter the security key (WPA) and then tap **Join**.

Enter the password for "Y856UBa-70A3E9"

Cancel Enter Password Join

Password ••••••••••

1 2 3 4 5 6 7 8 9 0

- / : ; ( ) \$ & @ "

#+= . , ? ! ' < x

ABC space Join

- ❖ The iDevice or iPod Touch connects to your device. The connected status icon on your device will show an additional device has been connected.

## Connect an iPad

Follow the instruction to connect your iPad to your device using Wi-Fi.

**Note:** The operations below are based on your iPad Wi-Fi security set to [xxx].

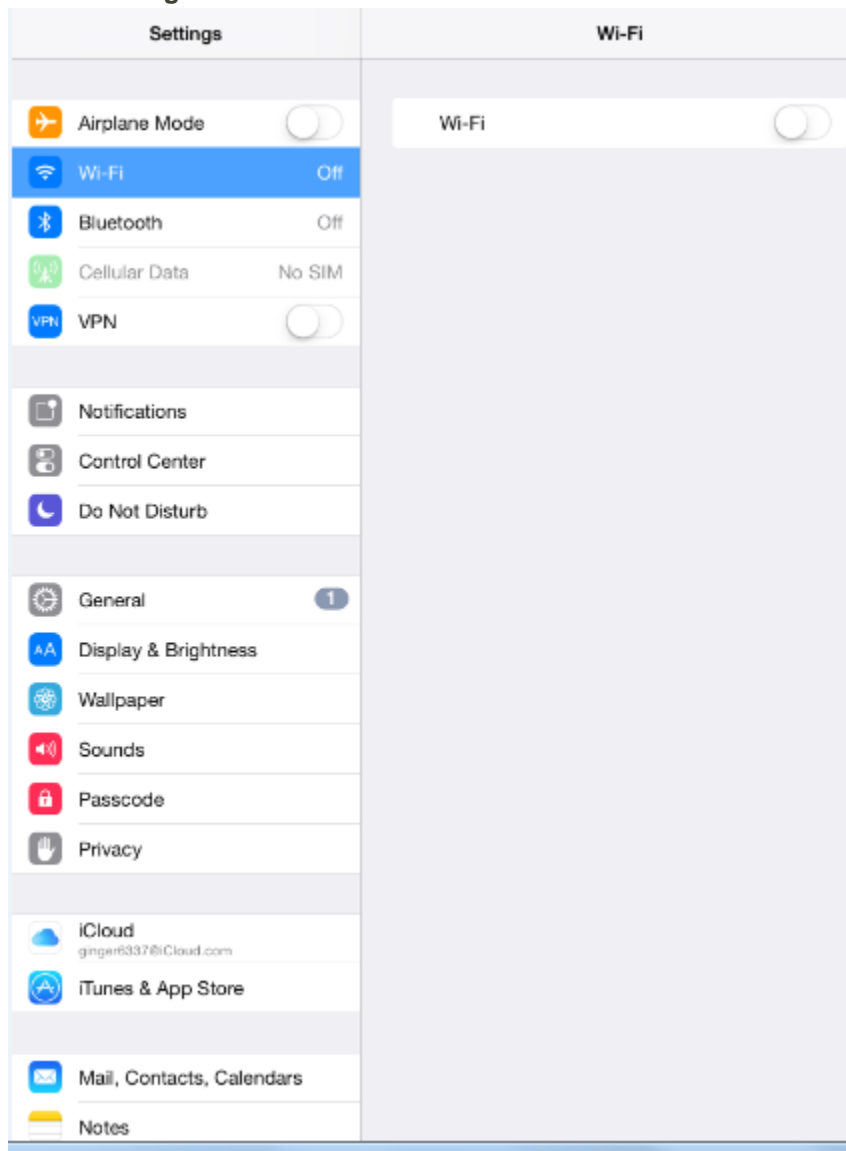
1. Insert the device into the 12v or 24v power socket of the car.

2. Press and hold the **Power** key for 3 seconds

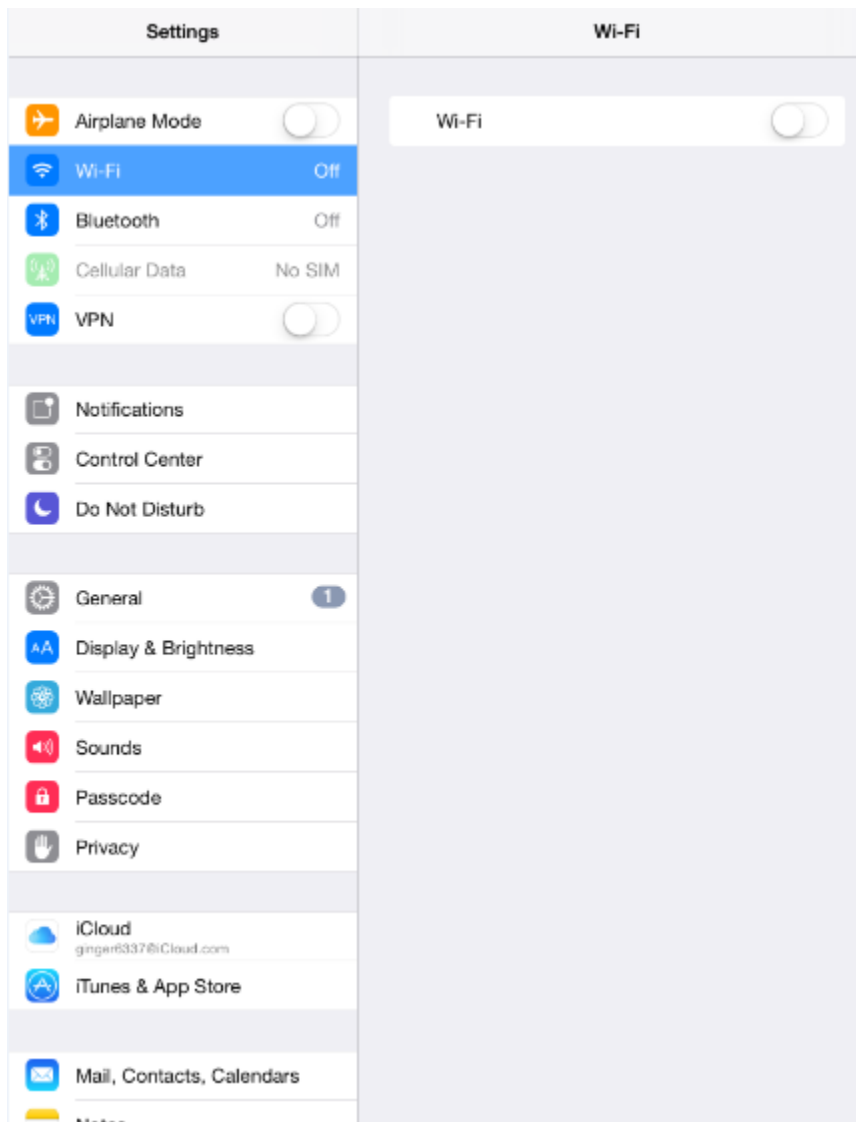


- ❖ Your device's Wi-Fi function activates and automatically connects to the Internet.

3. Select **Settings>Wi-Fi**.



4. Select **Turn on Wi-Fi**.

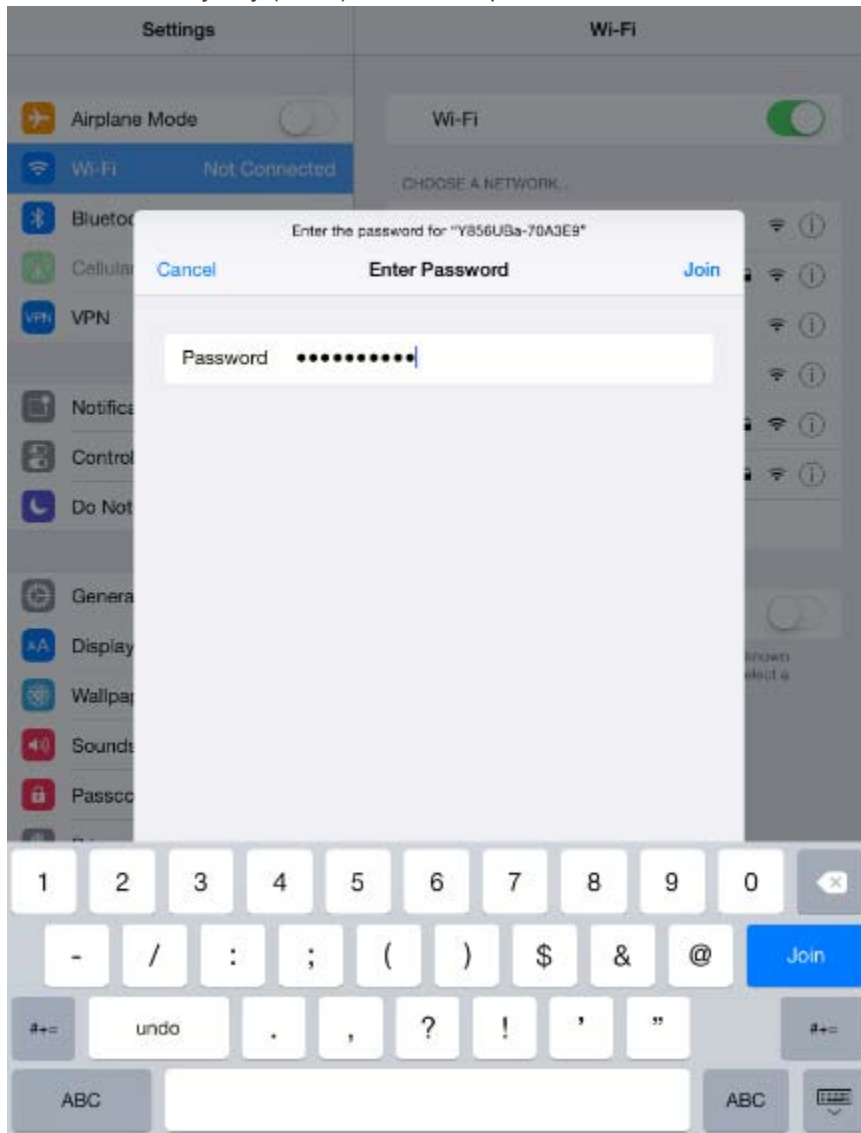


- ❖ The iDevice or iPod Touch's Wi-Fi function activates.

5. In the Choose a Network list, tap the device's SSID.



6. Enter the security key (WPA) and then tap **Join**.



- ❖ The iPad connects to your device. The connected status icon on your device will show an additional device has been connected.

## Connect an Android™ Device

You can share your device's connection with compatible Android devices, such as wireless devices, tablets, and Chromebook computers.

**Note:** The operations below are based on generic Android devices with Wi-Fi security set to [xxx]. Operation may vary depending on Android device type. See your Android device user guide for details.

1. Insert the device into the 12v or 24v power socket of the car.

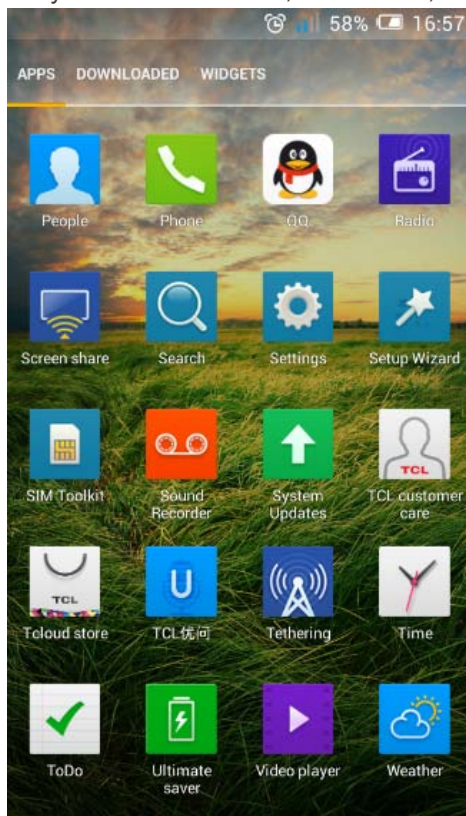
2. Press and hold the **Power** key for 3 seconds.



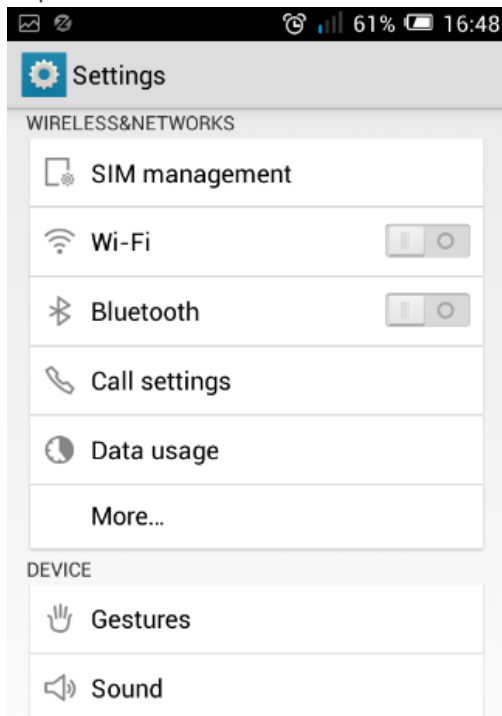
- ❖ Your device's Wi-Fi function activates and automatically connects to the Internet.



3. On your Android device, from home, select **Menu>Settings**.

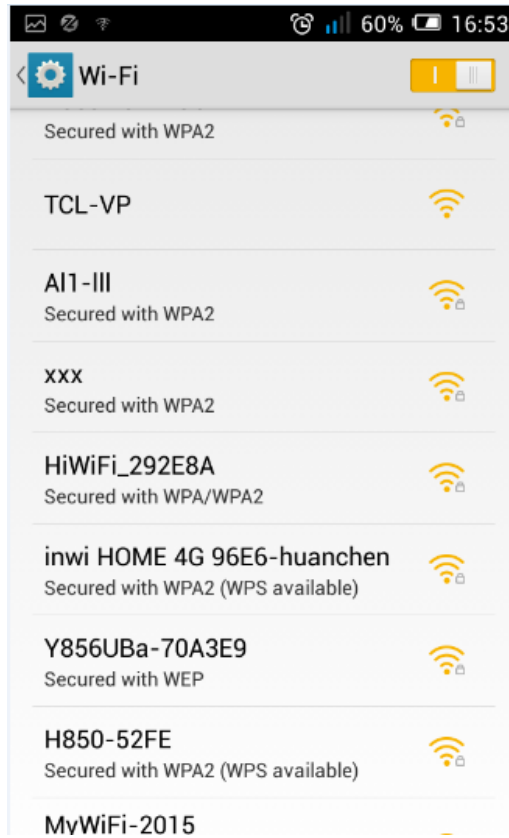


4. Tap or click **Wi-Fi**.



- ❖ The Wi-Fi settings menu appears.

5. Tap or click the Wi-Fi slider to turn Wi-Fi on.



- ❖ Wi-Fi is enabled on the Android device.

6. Tap or click your device's SSID from the list.



7. Enter the security key (WPA) and then tap or click **Connect**.



- ❖ The Android device connects to your mobile broadband device. The connected status icon on your device will show an additional device has been connected.

# Charging Your Personal Device

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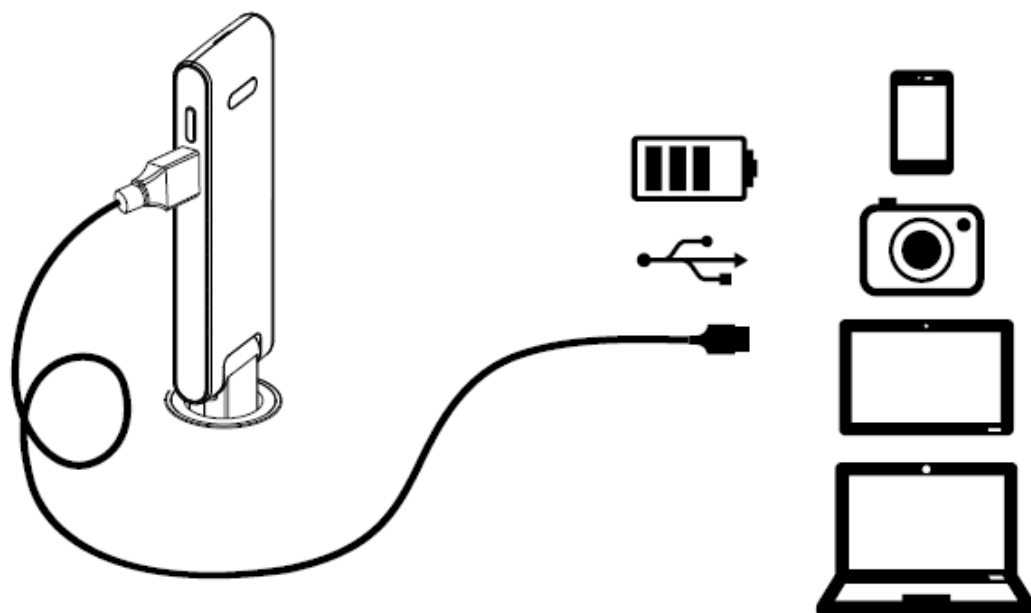
The following topics describe how to charge your other personal devices via USB port of [Ride-Fi].

## USB Port Layout

Explore your device's USB port layout.



Output of the USB port is 5V1A, you can charge your personal device such as device, tablet, camera, etc, once you plugged the device into the 12V or 24V socket of the car, as in below.



# Settings

The following topics provide an overview of items you can change using your device's **Settings** menus, accessed primarily through the Web UI.

## Web UI Overview

Use the device Web UI in a browser to check or change your mobile broadband device settings from a device connected via Wi-Fi.

### Launch the Web UI

- 1, Connect your device and your client via Wi-Fi.
- 2, Launch the internet browser on your client and enter <http://192.168.128.1> or <http://myhotspot> in the address bar. The login page appears as followed. The following figure is only for your reference.

The screenshot displays the Sprint Y856UB Web UI. At the top, there is a Sprint logo, a language dropdown set to 'English', and a 'Login' button. Below this is a navigation bar with links for Home, Connected Devices (with a red notification badge), Settings, Notifications, About, and Support. The main content area is titled 'Welcome to your Y856UB' and is divided into two columns. The left column, titled 'Connection', shows the network status as '3G' and 'Connected', with details for Network, Time Connected (00:00:00:46), and Data Used (855.35 KB). It includes a 'Disconnect' button and Wi-Fi settings for 'Main Wi-Fi' and 'Guest Wi-Fi', both currently 'ON'. The right column, titled 'Data Usage', shows the 'Billing Cycle' with a progress bar indicating '1.00GB of 1GB remaining' and '100% remaining', with '3 Days Remaining' until the next plan begins on 01/11/2015. Below this is a table for 'Used this month' showing Download (442.95 KB), Upload (412.40 KB), and Combined (855.35 KB) usage. A disclaimer at the bottom of the Data Usage section states: 'Actual billed usage can be higher than estimated data usage displayed. For detailed data usage, go to <http://www.sprint.com/>.' The footer includes the Alcatel OneTouch logo and a copyright notice: 'Copyright © 2014-2016 TCL Communication Ltd. All Rights Reserved.'

- 3, Click the Login button at the top right of the page and then enter the Web UI password (the default password is password).

4, Click Login to access the WebUI

## Web UI Window

Explore the options available through the device's Web UI window.

1. Connect your mobile broadband device to an external device via a Wi-Fi connection.
2. Launch a browser and access the Web UI by entering <http://192.168.128.1> or <http://myhotspot> in the address bar.

❖ The Web UI launches and displays the main window.

English ▼ Logout

Home Connected Devices 0 Settings Notifications About Support

3

Wi-Fi ▼  
 Basic  
 Advanced  
 Usage  
 Mobile Network ➤  
 Device ➤  
 Advanced Router ➤

1

2

4



Item	Description
<i>Language and logout</i>	<i>Select language and Login/out webui</i>
<i>Tab menu</i>	<i>Show the main configuration menu of the device</i>
<i>Sub menu</i>	<i>Show the corresponding sub menu of main menu.</i>
<i>Setting area</i>	<i>Show the detailed settings for corresponding sub menu.</i>

## Home

Check current status of network connection and data usage on the Home page.

- From the Web UI, click the **Home** tab. (For connection information, see [Web UI Overview](#).)

The screenshot displays the Sprint Home page for a device labeled Y856UB. At the top, there's a navigation bar with tabs: Home, Connected Devices (with a red '0' badge), Settings, Notifications, About, and Support. Below the navigation bar, the page is divided into two main sections: Connection and Data Usage.

**Connection Section:**

- Network Status: Connected
- Network: 3G
- Time Connected: 00:00:00:53
- Data Used: 4.18 MB
- A 'Disconnect' button is present.
- Below this, there are sections for 'Main Wi-Fi' and 'Guest Wi-Fi', both showing '(ON)' status and the device ID 'Y856UBa-70A3E9'.

**Data Usage Section:**

- Billing Cycle:** A progress bar shows 95.31MB of 100MB remaining, with 95% remaining and 3 Days Remaining (next plan begins on 01/11/2015).
- Used this month:** A table showing data usage:
 

Used this month	Total
Download	2.70 MB
Upload	1.49 MB
Combined	4.18 MB
- A note at the bottom states: 'Actual billed usage can be higher than estimated data usage displayed. For detailed data usage, go to <http://www.sprint.com/>.'

## Connected Devices

The Connected Devices tab lets you confirm the names and MAC addresses of devices currently connected to your device and set access permissions.

## Check the Connected Devices

- From the Web UI, click **Connected Devices>Connected** to display the list of connected devices.

The screenshot shows the Sprint Web UI. At the top left is the Sprint logo. To its right is a language dropdown menu set to 'English' and a 'Logout' link. Below this is a navigation bar with tabs: 'Home', 'Connected Devices' (which has a red notification badge with the number '1'), 'Settings', 'Notifications', 'About', and 'Support'. On the left side of the main content area, there is a sidebar with two buttons: 'Connected' (highlighted in blue) and 'Access Permissions'. The main content area has a header 'Connected Devices' and a warning icon with text: 'Devices connected to your Wi-Fi network use data from your data plan. Performance may vary with the number of devices connected.' Below this, there are two sections: 'Main Wi-Fi <Y856UBa-70A3E9>' showing '1 Devices' and 'Guest Wi-Fi <Y856UBb-70A3E9>' showing '0 Devices'. Under the 'Main Wi-Fi' section, a device 'DS' phone' is listed with its MAC address '68:96:7b:de:59:7c' and an 'Edit' button.

## Set Access Permissions

Control user's ability to access main or guest Wi-Fi. Changing this status will immediately update the status of devices listed ability to access Wi-Fi from this device, even if they have the password.

1. From the Web UI, click **Connected Devices>Access Permissions**.

The screenshot shows the Sprint Web UI with the 'Access Permissions' page selected. The navigation bar is the same as in the previous screenshot. In the sidebar, the 'Access Permissions' button is highlighted in blue. The main content area has a header 'Access Permissions' and a text block: 'Control users ability to access main or guest Wi-Fi. Changing this status will immediately update the status of devices listed ability to access Wi-Fi from this device, even if they have the password.' Below this, there is an 'Access Status' section with two radio buttons: 'Allow all devices to access with password' (which is selected) and 'Allow only users on Permitted list'. Below the radio buttons is a section titled 'Permitted Device List' with two columns: 'Friendly Name (Optional)' and 'MAC Address'. At the bottom right of this section is a 'Save Changes' button.

2. Select an access status and then click **Save Changes**.

## Add Permitted Devices

The Access Permissions menu allows you to restrict access only to specific users, instead of anyone who enters the password. To restrict access in this manner, you need to add permitted users from the menu.

1. From the Access Permissions menu, select **Allow only users on Permitted list**.
  - ❖ The Add Devices option will appear onscreen.
2. Click > next to **Add Devices** to open the Add Devices menu, and then click **Add More**.
3. Enter a Friendly Name (optional) and the MAC address of the permitted device.
  - A sample MAC address might be 00:1D:0F:10:2D:D9.
4. Click **Add More** to add more permitted devices.
5. When you are finished adding permitted devices, click **Save Changes**.
  - ❖ Access to your device will be restricted to the devices in your list.

# Settings Tab

Set your device options, including Wi-Fi, Mobile Network, Device and Advance Router.

## Wi-Fi Basic Settings

Set the basic Wi-Fi settings for your device.

From the Web UI, click **Settings>Wi-Fi>Basic** to display the basic wireless network parameters

Wi-Fi

Basic

Advanced

Usage

Mobile Network

Device

Advanced Router

### Wi-Fi Basic Settings

Multi SSID Switch

☒ On ☐ Off

Multi SSID Isolation

☐ On ☒ Off

☐ Allow Guest Wi-Fi users to access the web interface.

#### Main Wi-Fi <Y856UBa-70A3E9>

Wi-Fi Name: \*

Y856UBa-70A3E9

Also known as SSID.

Privacy Separator: \*

☐ On ☒ Off

SSID Stealth:

☐ On ☒ Off

Any Connecting Rejection:

☐ On ☒ Off

Authentication Method:

Disable

#### Guest Wi-Fi <Y856UBb-70A3E9>

Wi-Fi Name: \*

Y856UBb-70A3E9

Also known as SSID.

Privacy Separator: \*

☐ On ☒ Off

SSID Stealth:

☐ On ☒ Off

Any Connecting Rejection:

☐ On ☒ Off

Authentication Method:

WEP

Encryption Method:

Share

Wi-Fi Password:

\*\*\*\*\*

☐ Show Password

Maximum Connections:

15

Main SSID

10

<

>

Guest SSID

5

#### Wi-Fi Settings reset

This operation will return all Wi-Fi Settings to the default

Reset

Save Changes

- **Multi SSID Switch:** Enable or disable this function. If On is selected, your device will broadcast two SSIDs including main SSID and guest SSID.
- **Wi-Fi Broadcast Isolation:** Enable or disable this function. If On is selected, it will prevent your device from communicating across the different Wi-Fi's.
- **Wi-Fi Name:** Service Set Identifier (SSID). Enter a string less than 32 characters as the name for your wireless local area network (WLAN).
- **Privacy Separator:** Enable or disable this function. If On is selected, users connected to the device can't communicate via the device.
- **Hide SSID:** Enable or disable this function. If Off is selected, your device's name will be broadcast.
- **Any Connecting Rejection:** Enable or disable this function. If On is selected, then only the specific client can connect to the device..
- **Authentication Method:** The authentication methods are described below.

Mode	Description
<b>OPEN</b>	Authentication and encryption won't be performed. There are risks that private info will be intercepted or network will be used by unauthorized individuals.
<b>SHARED</b>	Authentication via Shared Key protocol.
<b>WPA2-PSK</b>	WPA-PSK is the securer version of WPA with implementation of the 802.11i standard.
<b>WPA-PSK/WPA2-PSK</b>	Apply both the WPA-PSK and WPA2-PSK scheme.

- **Encryption Method:** Select an encryption method from the drop-down list.
- **Wi-Fi Password:** Enter the Wi-Fi password.
- **Show Password:** Enable or disable this function. If On is selected, your device's name will be displayed on the device.
- **Maximum Connections:** Choose the maximum number of the devices which connect to your device simultaneously. You can also click the right or left arrow to distribute the maximum number of the connected devices between the Main Wi-Fi and the Guest Wi-Fi.
- **Wi-Fi Settings Reset:** Click the **Reset** button to reset all Wi-Fi settings to the default.

6. Click **Save Changes** to save your settings.

# Wi-Fi Advanced Settings

Configure your device's advanced Wi-Fi settings.

## ! Caution for Using Wi-Fi Advanced Settings

These advanced settings should only be changed for specific circumstances.

1. From the Web UI, click **Settings>Wi-Fi>Advanced** to view the wireless network advanced parameters and the WPS settings shown in the following figure.

**Wi-Fi Advanced Settings**

These advanced settings should only be changed for specific circumstances.

802.11 Mode: 802.11b/g/n When using 802.11n, legacy security methods are not available.

Frequency Bandwidth: 20MHz

Wi-Fi Channel: Auto

TCP NAT Timer: 300 Second(s)

UDP NAT Timer: 300 Second(s)

Save Changes

- **802.11 Mode:** Select an 802.11 mode from the drop-down list.
- **Frequency Bandwidth:** Select a frequency bandwidth from the drop-down list.
- **Wi-Fi Channel:** Select a Wi-Fi channel from the drop-down list.
- **TCP NAT Timer:** Set TCP NAT time.
- **UDP NAT Timer:** Set UDP NAT time.

2. Click **Save Changes** to save your settings.

## Usage Settings

Configure your device's usage settings.

**Usage Settings**

Max Data Amount  GB  
The max data amount is not a limit.  
Please refer to this on approximate.

---

Usage Warning  MB  
Warning when remain data is less than the limit.

---

Auto Reset Data   
Reset on the data set for each month.

[Save Changes](#)

- **Max Data Amount:** Set the maximum data plan for each month.
- **Usage Warning:** Set a warning guard of the data consumption.
- **Auto Reset Data:** Not settable, you data plan will be reset in this day of each month.

## Mobile Network Settings

Manage your mobile network settings.

### Mobile Settings

1. From the Web UI, click **Settings>Mobile Network>Mobile Settings**. The Mobile Settings page is shown in the following figure.

**Mobile Settings**

Technology  Select your preferred network technology to connect to the Internet.

---

**Domestic Roaming**

Domestic data roaming ☐ On ☒ Off Enable to allow this device to roam domestically

Domestic roaming guard ☒ On ☐ Off Require confirmation before connecting to the roaming network.

[Save Changes](#)

- **Technology:** Select your preferred network technology to connect to the Internet.
- **Domestic data roaming:** Turn domestic data roaming on or off. Turn it on to enable domestic data roaming.

- **Domestic roaming guard:** Enable or disable this function. Turn it on to enable domestic roaming guard and require confirmation before connecting to the roaming network.

2. Click **Save Changes** to save your settings.

## APN

- From the Web UI, click **Settings>Mobile Network>APN**. The default APN parameters are shown in the following figure. You can use the default APN to connect to the Internet. You can also add new APNs.

To add a new APN, follow the steps below:

1. Click **Add** to access the following page.
2. Enter the related parameters as described in the following table.

Parameters	Description
<b>Profile name</b>	Type the profile name.
<b>APN</b>	Type the APN string.
<b>User name</b>	User name is used to obtain authentication from the ISP when the connection is established.
<b>Password</b>	Password is used to obtain authentication from the ISP when the connection is established.
<b>Authentication</b>	Password Authentication Protocol (PAP) provides a simple method without encryption for the peer to establish its identity using a 2-way handshake. Challenge-Handshake Authentication Protocol (CHAP) is used to periodically verify the identity of the peer using a 3-way handshake.

3. Click **Save** to add the new APN.

### Additional APN Options



- To activate the new APN, check the circle in front of it and then click **Save Changes**.
- To edit the new APN, click **Edit**, change the settings, and then click **Save**.
- To delete the new APN, click **Delete**.

**Note:** The default APN cannot be edited or deleted.

## Advanced Mobile Network Settings

### ! Caution for Using Advanced Mobile Network Settings

Advanced Mobile Network Settings should only be used as directed by Sprint Customer Service personnel. Certain advanced options will reset your device's connections and programming and will require reactivation.

- From the Web UI, click **Settings>Mobile Network>Advanced** to set the mobile network advanced settings on this interface.

**Advanced**

**Update PRL**

The PRL (Preferred Roaming List) is updated automatically, but you can perform a manual update.

Update PRL

**Update Profile**

This operation, also called CIDC (Client Initiated Device Configuration) should only be performed when requested by support staff.

Update Profile

**Factory Reset**

This operation, also called Reverse Logistics, will display provisioning information and reset the modem to the factory default values. The MSL is needed to perform a reset.

Factory Reset

**Clear Programming**

Use this to clear all account information. You will need to re-activate in order to connect to the mobile network. The MSL is not required for this operation.

Renew Device

**Data Profile**

View and edit your Data Profile information. The MSL is needed to edit the existing configuration.

View/Edit Data Profile

- **Update PRL:** Click **Update PRL** to update PRL,
- **Update Profile:** Click **Update Profile** to update profile.
- **Factory Reset:** Click **Factory Reset** to reset the modem to the factory default value.

- **Clear Programming:** Click **Renew Device** to clear all account information.
- **Data Profile:** Click **View/Edit Data Profile** to view and edit your Data Profile information.

## Device Settings

The Device settings menu lets you set display brightness, manage account password, update software, back up, restore and check system log.

### Web Interface

1. From the Web UI, click **Settings>Device>Web Interface**. You can manage your account password on this page.

The screenshot shows a web interface with a left sidebar and a main content area. The sidebar contains a list of settings: Wi-Fi, Usage, Mobile Network, Device (expanded), Web Interface (selected), Software Update, Backup and Restore, Connection History, System logs, and Advanced Router. The main content area has a header 'Web Interface' and a sub-header 'Account Management'. Below this, a message states: 'You can change the password for this Web Interface. You will be locked out if you enter an incorrect password too many times.' There are three input fields: 'Current Password \*', 'New Password \*', and 'Confirm New Password \*'. A note next to the 'New Password \*' field says 'Input at least 6 characters.' A 'Save Changes' button is located at the bottom right of the form.

- **Current Password:** Enter the current password.
  - **New Password:** Enter the new password.
  - **Confirm New Password:** Enter the new password again.
2. Click **Save Changes** to save your settings.

## Software Update

1. From the Web UI, click **Settings>Device>Software Update**. You can update the software on this page.

**Software Update**

**Firmware**

Current software version: Y856\_00\_03.28\_07

Checked for update: 2015/10/28 10:32:30 AM

**Last Update**

Source

Vendor:

Type:

Name:

Package version:

Description:

Size:

Install date:

Result:

No file selected... **select File** **Update Software**

**Update History**

Date	Name	Result
------	------	--------

**Update Firmware**

This updates the device firmware.

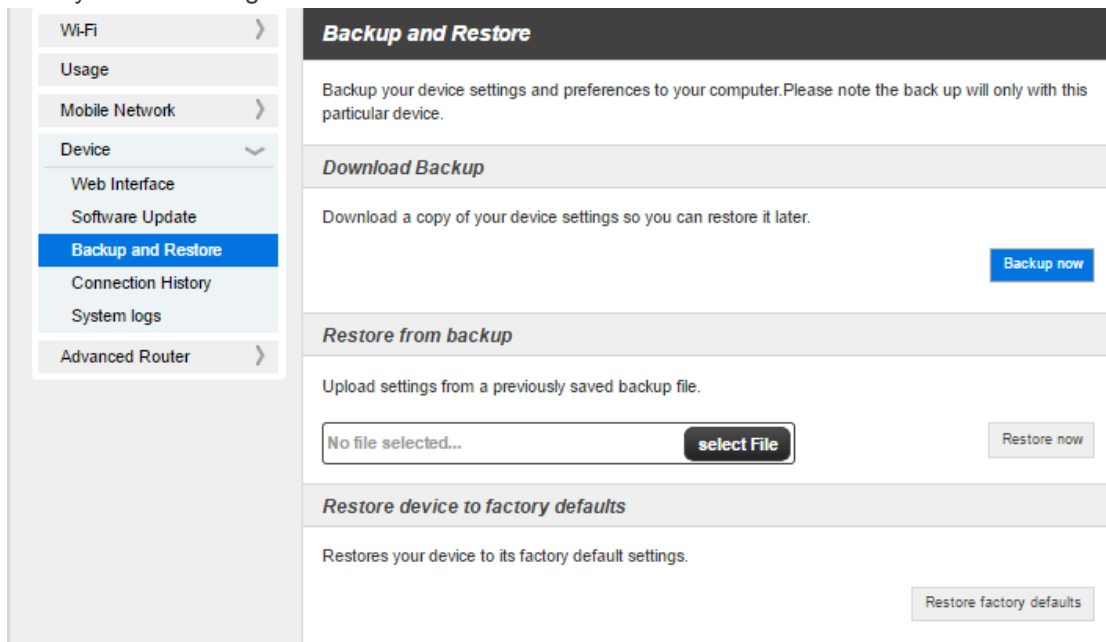
**Update Firmware**

2. Click **Update Firmware** to update your device's firmware (software version).

## Back up and Restore

- From the Web UI, click **Settings>Device>Back up and Restore** to access menus to back up your device settings to your computer, restore from the backup and restore your device to its

factory default settings.



To back up your device settings to your computer, follow the steps below:

1. Click **Back up now**.
2. Click **Save** on the pop-up window.
3. Choose a location on your computer to save the backup file.
4. Click **Save**.

To restore from the backup, follow the steps below:

1. Click **Select File** to select the backup file in your computer.
2. Click **Restore now**.

To restore your device to its factory default settings, follow the steps below:

1. Click **Restore factory default**.
2. Click **Yes** to confirm the command.

## Connection History

- From the Web UI, click **Settings>Device>Connection History** to view your data connection traffic on this page.

The screenshot shows the 'Connection History' page. On the left is a sidebar menu with options: Wi-Fi, Usage, Mobile Network, Device (expanded), Web Interface, Software Update, Backup and Restore, Connection History (highlighted), System logs, and Advanced Router. The main content area has a dark header 'Connection History'. Below it, a message states: 'This table is a reference for data traffic.' A table follows with columns: Profile Name, Start Time, End Time, Duration, Uploaded Data, and Downloaded Data. One data row is shown with values: (blank), 2015/10/28 10:16:55, 2015/10/28 10:26:37, 00:09:58, 24027380 B, and 140891796 B. At the bottom right, there is a 'Page: 1/1' indicator with navigation arrows and a 'Clear History' button.

Profile Name	Start Time	End Time	Duration	Uploaded Data	Downloaded Data
	2015/10/28 10:16:55	2015/10/28 10:26:37	00:09:58	24027380 B	140891796 B

## System Logs

- From the Web UI, click **Settings>Device>System logs**, and then click **Download logs** to download the system logs on this page.

The screenshot shows the 'System logs' page. The sidebar menu is identical to the previous page, but 'System logs' is highlighted. The main content area has a dark header 'System logs'. Below it, a message states: 'Click "Download logs" to download system logs.' A 'Download logs' button is located at the bottom right of the content area.

## Advanced Router Settings

Set LAN settings, Firewall and Customization.

## LAN Settings

1. From the Web UI, click **Settings>Advanced Router>LAN Settings** to display the router information shown in the following figure.

**LAN Settings**

Manage your mobile broadband data connection.

**LAN**

IP Address: 192.168.128.1 Network Access Identifier

Subnet Mask: 255.255.255.0

VPN passthrough: ☐ On ☒ Off

DHCP Server: ☒ On ☐ Off

DHCP IP Range: From 192.168.128.100 To 192.168.128.200

DHCP Lease Time: 12hour(s)

**DNS Mode**

Your device automatically selects a Domain Name Server (DNS) or you can manually select one.

DNS manual mode: ☐ On ☒ Off

Save Changes

- **IP Address:** IP address for LAN interface.
  - **Subnet Mask:** Subnet mask for the IP address.
  - **VPN passthrough:** VPN passthrough must be enabled if you want to allow VPN tunnels to pass through your device's firewall.
  - **DHCP Server:** Enable or disable DHCP Server function.
  - **DHCP IP Pool:** Allocate begin and end IP address for IP pool.
  - **DHCP Lease Time:** Define how long the leased IP address will be expired. The new IP address will be relocated after the IP address is expired.
  - **DNS manual mode:** Turn DNS manual mode on or off.
2. Click **Save Changes** to save your settings.

## Firewall

- From the Web UI, click **Settings>Advanced Router>Firewall**. You may set up firewall rules to protect your network from virus and malicious activity on the Internet.

**Firewall**

IP address filter function and WAN port ping reply function are only available when firewall is enabled.

Firewall Switch ☒ On ☐ Off

IP Address Filtering ☒ On ☐ Off

Filter packets using the following rules when specified with protocol, port and IP address.

- LAN/WAN port: The value range is 1-65535.
- Settings not enabled until applied.

LAN IP Address	LAN Port	WAN IP Address	WAN port	Protocol	Status	Options
<div>Add</div>						

Portmapping ☒ On ☐ Off

Portmapping enables external computers to access WWW, FTP or other services provided by the LAN.

- IP address: Specify LAN address. Packets which match the specified conditions will be forwarded to this address.
- LAN/WAN port: Port of the computer providing services. It is a single port with value range of 1-65535.
- Protocol: Protocols applied by services.
- Settings not enabled until applied.

Name	WAN port	LAN IP Address	LAN Port	Protocol	Status	Options
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	TCP <input type="button" value="v"/>	Off <input type="button" value="v"/>	<div>Save Cancel</div>
<div>Add</div>						

Save Changes

### IP Address Filtering

To set IP Address Filtering rules, follow the steps below:

1. Turn on the IP Address Filtering.

2. Click **Add**.

**Firewall**

IP address filter function and WAN port ping reply function are only available when firewall is enabled.

Firewall Switch ☒ On ☐ Off

IP Address Filtering ☒ On ☐ Off

Filter packets using the following rules when specified with protocol, port and IP address.

- LAN/WAN port: The value range is 1-65535.
- Settings not enabled until applied.

LAN IP Address	LAN Port	WAN IP Address	WAN port	Protocol	Status	Options
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	TCP	Off	<a href="#">Save</a> <a href="#">Cancel</a>

[Add](#)

3. Enter the related parameters as described in the following table.

Parameters	Description
<b>LAN IP address</b>	Enter the LAN IP address.
<b>LAN port</b>	Set the LAN port.
<b>WAN IP address</b>	Enter the WAN IP address.
<b>WAN port</b>	Set the WAN port.
<b>Protocol</b>	Set which protocol will be used for filtering.
<b>Status</b>	Set how to handle the packet if it matches with the rule.

4. Click **Save Changes** to add the new filtering rule.

## Portmapping

To set portmapping rules, follow the steps below:



1. Turn on Portmapping.

Portmapping ☒ On ☐ Off

Portmapping enables external computers to access WWW, FTP or other services provided by the LAN.

- IP address: Specify LAN address. Packets which match the specified conditions will be forwarded to this address.
- LAN/WAN port: Port of the computer providing services. it is a single port with value range of 1-65535.
- Protocol: Protocols applied by services.
- Settings not enabled until applied.

Name	WAN port	LAN IP Address	LAN Port	Protocol	Status	Options
------	----------	----------------	----------	----------	--------	---------

2. Click **Add**.

Portmapping ☒ On ☐ Off

Portmapping enables external computers to access WWW, FTP or other services provided by the LAN.

- IP address: Specify LAN address. Packets which match the specified conditions will be forwarded to this address.
- LAN/WAN port: Port of the computer providing services. it is a single port with value range of 1-65535.
- Protocol: Protocols applied by services.
- Settings not enabled until applied.

Name	WAN port	LAN IP Address	LAN Port	Protocol	Status	Options
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	TCP <input type="button" value="v"/>	Off <input type="button" value="v"/>	<a href="#">Save</a> <a href="#">Cancel</a>

3. Enter the related parameters as described in the following table.

Parameters	Description
Name	Enter a name for the rule.
WAN port	Set the WAN port.
LAN IP address	Enter the LAN IP address.
LAN port	Set the LAN port.
Protocol	Set which protocol will be used for filtering.

4. Click **Save Changes** to add the new portmapping rule.

## Customization

1. From the Web UI, click **Settings>Advanced Router>Customization** to enable or disable UPnP and Out of Service Notification on this interface.

The screenshot shows a web interface for router customization. On the left is a sidebar menu with options: Wi-Fi, Usage, Mobile Network, Device, Advanced Router (selected), LAN Settings, Firewall, and Customization. The main content area is titled 'Customization' and contains two sections: 'UPnP' and 'Out of Service Notification'. The 'UPnP' section explains that UPnP allows device-to-device networking and lists established standards (TCP/IP, HTTP, XML, SOAP). It features a 'UPnP Setting' with radio buttons for 'On' and 'Off', where 'Off' is selected. The 'Out of Service Notification' section explains that a notification will be shown on the web browser when the network is out of service. It features a 'Notification Setting' with radio buttons for 'On' and 'Off', where 'Off' is selected. A 'Save Changes' button is located at the bottom right of the settings area.

2. Click **Save Changes** to save your settings.

## Notification

Show the notification your device's get from the network.

The screenshot shows the Sprint web UI. At the top is the Sprint logo, a language dropdown set to 'English', and a 'Logout' link. Below is a navigation bar with links: Home, Connected Devices (with a red notification badge), Settings, Notifications (active), About, and Support. The main content area is titled 'Notifications' and contains a 'Delete Selected' button. Below this is a table with two columns: 'Date' and 'Notification'. The table is currently empty. At the bottom right, there is a pagination control showing 'Page: 1/1' and navigation arrows.

# About

Show your device's connection information, firmware information, WWAN information, Wi-Fi details and device information.

1. Launch the Web UI on your connected device. See [Web UI Overview](#) for details.
2. Click the **About** tab to view the available information.

The screenshot displays the 'About' page of the Sprint Web UI. At the top, the Sprint logo is on the left, and 'English' and 'Logout' are on the right. A navigation bar below the logo contains tabs for 'Home', 'Connected Devices' (with a red notification badge), 'Settings', 'Notifications', 'About' (selected), and 'Support'. The main content area is divided into four sections: 'Connection', 'Device', 'Wi-Fi Details', and 'WWAN Info'. Below these is a 'Firmware' section and a 'Debug Info' section at the bottom. A 'Save to File' button is located between the 'Firmware' and 'Debug Info' sections.

Connection	
My Number:	
MSID:	
MEID:	
UICC:	
IMSI:	460110418556334

Device	
Model:	Y856UB
Manager:	
Manufacturer:	Alcatel
Hardware Revision:	03
PRL Version:	

Wi-Fi Details	
Wi-Fi Name:	Y856UBa-70A3E9
Wi-Fi Password:	
MAC Address:	8c:99:e6:70:a3:e9
Encryption:	Disable
Wi-Fi Devices:	0
Max Wi-Fi Devices:	10
Max Guest Wi-Fi Devices:	5
Broadcast Network Name:	Y856UBa-70A3E9

WWAN Info	
Activation Date:	
Active MIP Profile:	
NAI:	
Refurbish Date:	
IP Address:	192.168.128.1
LTE APN NI:	
Lifetime Total Transferred:	

Firmware	
Firmware Version:	Y856_00_03.28_07
Web App Version:	Y856_APPSBL_00_03.28_07
Bootloader Version:	Y856_SBL_00_03.28_02

Save to File

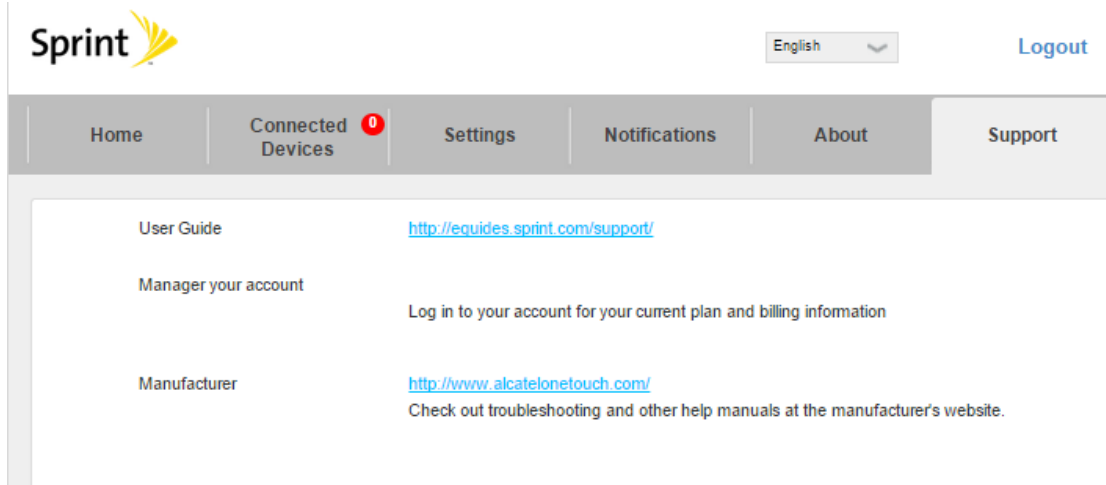
Debug Info	
View detailed diagnostic information about your device.	
Debug	

**Note:** You can also save this information to your computer by clicking Save to file.

## Support Tab

Obtain support information on this interface.

1. Launch the Web UI on your connected device. See [Web UI Overview](#) for details.
2. Click the **Support** tab to view the available options.



# Appendix

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The following topics cover items such as troubleshooting, device specifications, applicable warranty and service information, customer service contacts, and applicable trademark and copyright notices.

## Troubleshooting

Check the questions and answers below for troubleshooting solutions for common device issues.

### Check Here First

**Question:** Unable to connect via Wi-Fi (WLAN)

**Answer 1:** Check whether the mobile broadband device is properly connected to the computer or other external device.

**Answer 2:** If OPEN WEP is the security method being used, check whether the correct WEP key is entered. If the WEP key is unknown, see to reset the WEP key and reconnect the device.

**Answer 3:** Check whether the correct WPA key is set. If the WPA key is unknown, see to reset the mobile broadband device or see the WLAN Initialization Sticker to reset the WPA key, and then reconnect the device. WPA/WPA2 security may not be supported depending on the Wi-Fi device. See the Wi-Fi device user guide for information.

**Question:** Internet connection fails.

**Answer 1:** Make sure that you are within the service area.

**Answer 2:** If signal reception is poor, move to where signal reception is good and then reconnect.

**Answer 3:** The access point might be busy depending on the time of day. Wait a little and then reconnect.

**Answer 4:** Activate the Web UI and make sure that network settings are correct.

**Question:** Transmission fails quickly.

**Answer 1:** Make sure that the mobile broadband device is properly connected to PC or other device via Wi-Fi. .

**Answer 2:** Signal reception might be poor. Check transmission where signal reception is good.

**Answer 3:** Restart the mobile broadband device.

**Question:** Transmissions are slow.

**Answer 1:** Signal reception might be poor. Check transmission where signal reception is good.

**Answer 2:** Connection might be poor. Try again after a while.

**Question:** Forgot PIN / Unknown PIN Unblocking Key (PUK) / SIM card is locked.

**Answer:** Contact Customer Service.

**Question:** SIM card is not recognized.

**Answer 1:** Check whether the SIMcard is properly installed. For details, see [Insert a SIM Card](#).

**Answer 2:** Check the SIMcard for damage.


**Answer 3:** Check the SIMcard IC chip for scratches/corrosion.

**Answer 4:** Dirty SIMcard (particularly IC chip) may prevent recognition. Clean gently with a soft cloth.

**Answer 5:** Contact Customer Service.

**Question:** Unsure if logged on as an Administrator.

**Answer 1:** For Windows 8, follow these steps to check.

- Move the pointer into the upper-right or lower-right corner and then click or tap  > **Control Panel**. Click **Change your account type** in User Accounts, and then check that the type of account currently logged on to is "Administrator".

**Answer 2:** For Windows 7, check by following these steps.

- Click **Start** menu > **Control Panel** > **User Account and Family Safety** > **User Account**, and then check that the type of account currently logged on to is "Administrator".

**Question:** "Out of service area" indication appears when outside USA.

**Answer:** Power off and restart the device.

**Question:** How do I return the mobile broadband device to the default settings (reset)?

**Answer 1:** Use the device **Reset** key.

**Answer 2:** Use the Web UI to reset the device..

**Question:** An old device number appears on the Web UI.

**Answer:** The Web UI may display an old device number depending on subscription terms or cancellation method.

**Question:** The mobile broadband device operation is unstable.

**Answer 1:** Avoid extremely high/low temperatures, high humidity, direct sunlight, dusty areas, etc. Read "Safety Precautions" for use in a proper environment.

**Answer 2:** Avoid invalid software. Operation is unguaranteed for Internet connection, etc., using other-party software.

**Question:** The connection suddenly failed.

**Answer 1:** The connection method may have been changed. Check connection mode on the mobile broadband device display.

**Answer 2:** Restart the mobile broadband device.

## Specifications

The following tables list the specifications for the mobile broadband device, and the materials.

### Mobile Broadband Device Specifications

Item	Description
Model name	Ride-Fi (Y856UB)
Dimensions <sup>1</sup>	136.4mm (H) x 34mm (W) x 12mm (D)
Weight	52g
Interface	LED
Maximum power consumption	24W
Operating system	Linux
Network Frequency	FDD LTE B25/26 TDD LTE B41 CDMA BC0/1/10
Compatible networks	FDD LTE, TDD LTE, CDMA2000 1xEV-DO Rev. A
Communication speed	FDD LTE, DL 150Mbps/UL 50Mbps, TDD LTE, DL 112Mbps/UL 10Mbps, CDMA2000 1xEV-DO Rev. A. DL:3.1Mbps/UL:1.8Mbps

### Materials Specifications

Parts	Materials/Finishing
Y856UB front cover	conditions
Y856UB back cover	conditions
Y856UB car charger	conditions

Parts	Materials/Finishing
Y856UB car charger contact pin	conditions
Y856UB SIM tray	conditions
Y856UB power key	conditions
conditions	conditions
conditions	conditions
conditions	conditions



# Safety and Notices










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The following topics address important safety precautions, general notes, and required RF exposure information for your mobile broadband device.

## Safety Precautions

The following topics outline important safety precautions that must be observed when using your mobile broadband device.

Read the safety precautions carefully to ensure the correct and safe use of your wireless device.

	Do not switch on your device when the device use is prohibited or when the device use may cause interference or danger.
	Follow the rules or regulations in hospitals and health care facilities. Switch off your device near medical apparatus.
	Switch off your device near high-precision electronic devices. The device may affect the performance of these devices.
	Do not attempt to disassemble your device or its accessories. Only qualified personnel are allowed to service or repair the device.
	Do not place your device in containers with strong electromagnetic field.
	Do not place magnetic storage media near your device. Radiation from the device may erase the information stored on them.
	Do not put your device in a high-temperature place or use it in a place with flammable gas such as a gas station.
	Keep your device away from children. Do not allow children to use your device without guidance.
	Observe the laws or regulations on device use. Respect others' privacy and legal rights when using your device.

It is recommended that the equipment only be used in the environment where temperature is between 0°C and 45°C and humidity is between 10% to 90%. Keep the equipment in the environment where temperature is between -10°C and 70°C or humidity is between 10% to 90%.

# Regulatory Information

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The following topics provide important regulatory information.

## Specific Absorption Rates (SAR) for Wireless Device

The SAR value corresponds to the relative amount of RF energy absorbed into the head of a user of a wireless device.

The SAR value of a device is the result of an extensive testing, measuring and calculation process. It does not represent how much RF the device emits. All device models are tested at their highest value in strict laboratory settings. But when in operation, the SAR of a device can be substantially less than the level reported to the FCC. This is because of a variety of factors including its proximity to a base station antenna, device design and other factors. What is important to remember is that each device meets strict federal guidelines. Variations in SARs do not represent a variation in safety.

All devices must meet the federal standard, which incorporates a substantial margin of safety. As stated above, variations in SAR values between different model devices do not mean variations in safety. SAR values at or below the federal standard of 1.6 W/kg are considered safe for use by the public.

The highest reported SAR values of the Ride-Fi are:

Simultaneous : 1.483W/Kg

Body-worn: 1.349W/Kg

For body-worn operation, this device has been tested and meets the FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 20 cm from the user's body.

## FCC Radio Frequency Emission

This device meets the FCC Radio Frequency Emission Guidelines.

FCC ID number: 2ACCJB028

More information on the device's SAR can be found from the following FCC website:

<http://fcc.gov/oet/ea/>

# FCC Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient the direction of the internal antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications made to this equipment not expressly approved by (manufacturer name) may void the FCC authorization to operate this equipment.

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