

Pepwave Surf On-The-Go

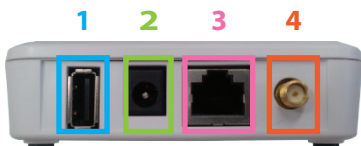
The Ultimate Travel Router

Quick Start Guide



PEP WAVE
Broadband Possibilities

Getting Started



1 USB

Connect a USB modem to the Surf On-The-Go's USB port when using **Cellular mode**.

2 Power Adapter

Connect the power adapter to the Surf On-The-Go's DC port, and then plug the adapter into the nearest power outlet.

3 Ethernet

When using **Wi-Fi** and **Cellular modes**, connect one end of an Ethernet cable to the Surf On-The-Go's LAN port and the other end to your computer's Ethernet port. When using **Wired mode**, connect one end of an Ethernet cable to the Surf On-The-Go's LAN port and the other end to your Internet source.

4 Antenna

Connect the antenna to the Surf On-The-Go by screwing the antenna clockwise into the antenna jack.

Connecting to the Web Admin Interface

Connect to the Web Admin Interface wirelessly when using Wired Mode.

When using Wi-Fi and Cellular modes, connect to the Web Admin Interface using an Ethernet cable.

Open a web browser and enter the following URL: **http://192.168.20.1**.

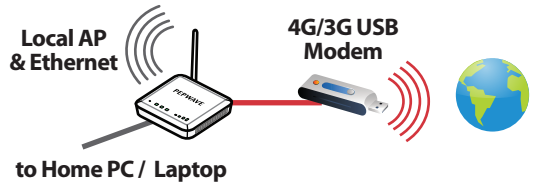
When the Surf On-The-Go is connected to the Web Admin Interface, the **Dashboard** will be displayed.

A Cellular Mode Configuration

Cellular Mode

Connect to the Internet using a 4G (WiMAX / LTE), 3G USB Modem, and provide a Local Access Point and Ethernet Connection.

e.g. Traveler, Remote Area



1 Connect to the Web Admin Interface. Click **Cellular**, and then **Settings**.

2 Click **Cellular Settings** on the left. In general, selecting **Auto Operator Settings** is sufficient to connect to the Internet. If not, select **Custom Operator Settings** to manually enter settings specified by your cellular service provider (typically **APN** and **Dial Number**). When finished, click **Save** on the lower right.

3 Click **General Settings** on the left. In the **AP Settings** section, select **Configure Manually**. In the **AP SSID** field, enter the network name used to identify the home Wi-Fi network. The default AP SSID value, **PEPWAVE_7505**, is used in this guide. To store your settings, click the **Save** button that appears on the lower right.

4 From the **Authentication** drop-down menu, select **WPA/WPA2-Personal**. In the **Encryption Key field**, enter an authentication password of at least 8 characters. Click **Save** to store your changes.

5 Navigate to the **Dashboard** page, which displays connection details and signal strength level.

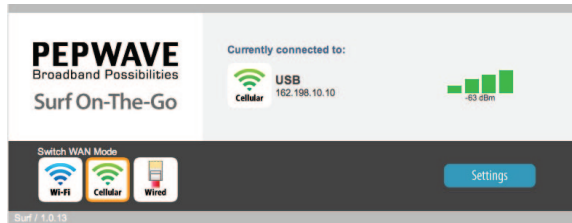
6 Upon successful connection, all of the LEDs on the Surf should be lit as follows:

PWR – Solid Green

RDY – Yellow

ENET – Solid Green

Wi-Fi – Displays a varying number of lit signal bars depending on the strength of the received signal



Cellular Settings	Standby State	<input type="radio"/> Remain connected <input checked="" type="radio"/> Disconnected
	<input checked="" type="radio"/> Custom Operator Settings	
	APN	<input type="text"/>
	Login	<input type="text"/>
	Password	<input type="text"/>
	Dial Number	<input type="text"/>
	<input type="radio"/> Auto Operator Settings	
SIM PIN (optional)	<input type="text"/>	
<input type="button" value="Save"/>		

AP Settings[7]	<input checked="" type="radio"/> Configure Manually	
	AP SSID	<input type="text" value="PEPWAVE_7505"/> (PEPWAVE_7505)
	Authentication	<input type="text" value="WPA/WPA2-Personal"/> (Open)
	Encryption Key	<input type="text" value="*****"/> (emptykey) (at least 8 characters)
	<input type="radio"/> Disable	
	Keep AP	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
	AP Transmit Power Adjustment	<input type="text" value="Max"/> (Max)
	Broadcast SSID	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
	Client Isolation	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
	Multicast Enhancement	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Multicast Rate	<input type="text" value="MCS0"/>	

B Wi-Fi Mode Configuration

Wi-Fi Mode

Connect to the Internet via Wi-Fi Hotspot, and provide a Local Access Point and Ethernet Connection.

e.g. Wi-Fi Services from ISP, Hotel, RV Park, Marina. Provide wireless connectivity to Wired Devices such as desktop computer, game console, printer, set-top box, by connecting to your own Access Point.

1 Connect to the Web Admin Interface. Click **Wi-Fi**, and then **Settings**.

2 In the **Wireless Settings** section, change **Wireless Network Name (SSID)** from the default value of **MySSID** to the SSID specified by your wireless Internet service provider. Otherwise, you may change this field to a blank value, and then select an SSID from the resulting list, which also includes corresponding encryption types and signal strengths.

3 From the **Authentication** drop-down menu, select the authentication type required by your Wi-Fi Internet service provider. Then, if applicable, enter the Encryption Key value provided by your ISP.

4 In the **AP Settings** section, select **Configure Manually**. In the **AP SSID** field, enter the network name used to identify the home Wi-Fi network. The default AP SSID value, **PEPWAVE_7505**, is used in this guide.

5 From the **Authentication** drop-down menu, select **WPA/WPA2-Personal**. In the **Encryption Key** field, enter an authentication password of at least 8 characters. To store your settings, click the **Save** button that appears on the lower right.

6 Navigate to the **Dashboard** page, which displays connection details and signal strength level.

7 Upon successful connection, all of the LEDs on the Surf should be lit as follows:

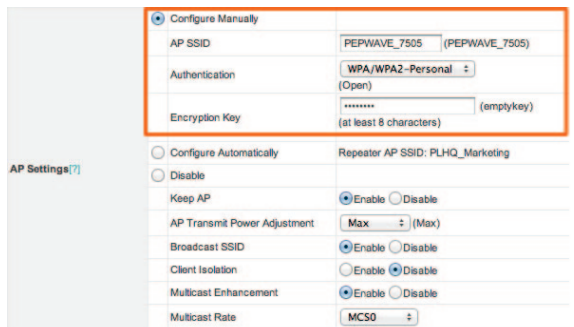
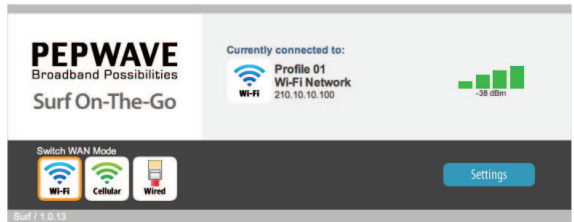
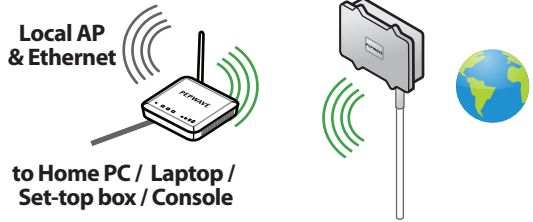
PWR – Solid Green

RDY – Yellow

ENET – Solid Green

Wi-Fi – Displays a varying number of lit signal bars depending on the strength of the received signal

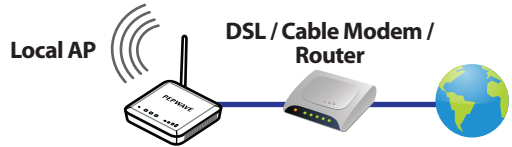
Wi-Fi Hotspot



C Wired Mode Configuration

Wired Mode

Connect to the Internet via an Ethernet cable, through a DSL/Cable Modem, or Router, and provide a Local Access Point.



e.g. Home, Hotel

- 1 Connect one end of an Ethernet cable to the Surf On-The-Go and the other end to your Internet source.
- 2 Connect your computer wirelessly to the Surf On-The-Go. In your computer's network connection settings, select the SSID of your Surf On-The-Go. The SSID of the Pepwave Surf On-The-Go is **PEPWAVE_####**, where **####** refers to a 4-digit number.
- 3 Connect to the Web Admin Interface. Click **Wired**, and then **Settings**.
- 4 In the **WAN IP Settings** section, select a method the Surf will use to obtain IP address:
Configure Manually - After selecting this option, manually enter a static IP address.
Obtain an IP Address using DHCP - Obtain an IP address automatically.
Obtain an IP Address using PPPOE - Connect to Internet service using PPPoE.
- 5 In the **AP Settings** section, select **Configure Manually**. In the **AP SSID** field, enter the network name used to identify the home Wi-Fi network. The default AP SSID value, **PEPWAVE 7505**, is used in this guide.
- 6 From the **Authentication** drop-down menu, select **WPA/WPA2-Personal**. In the **Encryption Key** field, enter an authentication password of at least 8 characters. To store your settings, click the **Save** button that appears on the lower right.
- 7 Navigate to the **Dashboard** page, which displays connection details and signal strength level.
- 8 Upon successful connection, all of the LEDs on the Surf unit should be lit as follows:
PWR – Solid Green
RDY – Yellow
ENET – Solid Green
Wi-Fi – The four signal bars will light sequentially.

