

# Checking Internet Connectivity on a PEPWave Modem

You will need:

- A Laptop or Cell Phone

You will also need to be within Wi-Fi range of the GreenFeed/SmartFeed unit or modem

Video instructions are available at <https://youtu.be/Hqv1TfwFpM4>

**Apply Power**  
**(if it's not already on)**  
**Then wait 3~4 minutes**

This will allow the modem enough  
time to start and initialize the  
Internet connection

# After 3~4 Minutes, You Should See the Modem's WiFi Network

New PEPWave Network Name will be something like:

GREENFEED\_\_\_\_ or SMARTFEED\_\_\_\_ or SMARTSCALE\_\_\_\_

Connect to this network using the password:

greenfeed

or

smartfeed

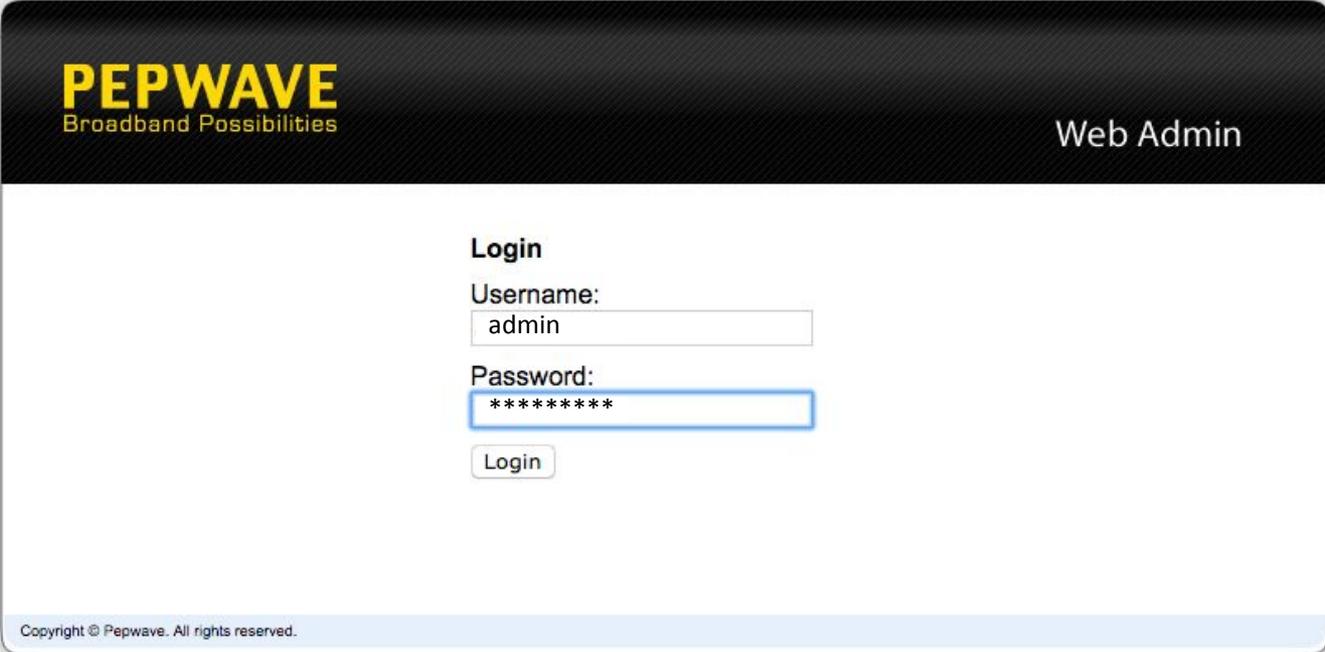
or

smartscale

# Open a Web Browser and Go To <http://192.168.1.1>

If that page doesn't load, try: <http://192.168.50.1>

If that page doesn't load, try: <http://192.168.2.1>



**PEPWAVE**  
Broadband Possibilities

Web Admin

**Login**

Username:

Password:

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For the username enter: **admin**

For the password enter: **CARbon123!** (**CARbon1!** for older feeders)

Then click "Login"

# Under Dashboard, confirm Connection

The screenshot displays the Pepwave dashboard interface. The top navigation bar includes the 'PEPWAVE' logo and menu items: Dashboard, Network, Advanced, AP, System, and Status. An 'Apply Changes' button is located on the right. The main content area is divided into several sections:

- WAN Connection Status:** Shows Priority 1 (Highest) with a 'Cellular' connection type and a green 'Connected' status. A 'Details' button is visible. Priority 2 and Disabled sections are also present.
- LAN Interface:** Displays the Router IP Address as 192.168.1.1.
- WI-FI AP:** Shows the status as 'ON' with a 'Details' button.
- Device Information:** Lists Model (Pepwave MAX BR1 Mini), Firmware (7.1.0 build 2860), Uptime (0 days 0 hours 10 minutes), CPU Load (12%), and Throughput (0.0 kbps).

A yellow banner at the bottom states: 'Additional WAN option is available for activation, please click [here](#) for more information.'

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Make note if the connection says anything besides “Connected”

**Connection Details** ?

**Cellular Status** ?

	SIM Card A	SIM Card B
IMEI	(No SIM Card Detected) (In Use)	(No SIM Card Detected)
MEID	HEX: 35907206054087 DEC: 089865882200344199	
IMEI	359072060540875	
Network Mode	Auto (Generic)	

?

Details

ON ↑ ↓ Details

Click Details

Then take a snapshot of the screen.

**WAN Connection Settings**

WAN Connection Name	Cellular	Default
Network Mode	<input checked="" type="radio"/> Auto <input type="radio"/> Generic <input type="radio"/> AT&T <input type="radio"/> Sprint <input type="radio"/> Verizon Wireless	
Subnet Selection	<input checked="" type="radio"/> Auto	
Routing Mode	<input checked="" type="radio"/> NAT	
DNS Servers	<input checked="" type="checkbox"/> Obtain DNS server address automatically <input type="checkbox"/> Use the following DNS server address(es) DNS Server 1: <input type="text"/> DNS Server 2: <input type="text"/>	

Logout

**Cellular Settings** ?

SIM Card	<input checked="" type="radio"/> Both SIMs <input type="radio"/> SIM A Only <input type="radio"/> SIM B Only	
Preferred SIM Card	<input checked="" type="radio"/> No Preference <input type="radio"/> SIM A <input type="radio"/> SIM B	
	SIM Card A	SIM Card B
Network Selection	<input checked="" type="radio"/> Auto	<input checked="" type="radio"/> Auto
LTE/3G	Auto <span style="font-size: small;">↑ ↓</span>	Auto <span style="font-size: small;">↑ ↓</span>
Authentication	Aut	

<https://usatcorp.com/faqs/understanding-lte-signal-strength-values/>

	RSSI	SINR (dB)	RSRQ (dB)	RSRP (dBm)	EC/IO (dB)
<b>Technology</b>	LTE and 3G	LTE Only	LTE Only	LTE Only	HSPA+ and EVDO
<b>Excellent</b>	> -65	> 12.5	> -5	> -84	> -2
<b>Good</b>	-65 to -75	10 to 12.5	-9 to -5	-85 to -102	-2 to -5
<b>Fair</b>	-75 to -85	7 to 10	-12 to -9	-103 to -111	-5 to -10
<b>Poor</b>	< -85	< 7	< -12	< -111	< -10

Signal Quality

