

## Wireless Setup Guide for Billion 7404VGOM / VGPM

1. Ensure your computer is connected to your Billion modem with an Ethernet cable
2. Open your web browser (e.g. Internet Explorer, Mozilla Firefox, Google Chrome, etc)
3. Enter the following into the address bar: 192.168.1.254
4. You will be prompted to enter a username and password
  - **Username:** admin
  - **Password:** admin
5. Click on **Login**
6. On the left menu, click on **Configuration**
7. Click on **LAN**
8. Then click on **Wireless**
9. For **WLAN Service** - select **Enable**
10. Change the **ESSID** to something that is unique. The ESSID differentiates one WLAN from another.
11. Then click **Apply** at the bottom.

Wireless	
<b>Parameters</b>	
WLAN service	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Mode	802.11b+g
ESSID	My home wireless
Hide ESSID	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
Regulation Domain	Europe
Channel ID	Channel 1 (2.412 GHz)
WMM (QOS)	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
WMM-APSD	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
MAC Address	00:0E:2E:BC:BF:71
AP Version	RT2561T 1.0.8.0-3
<b>Wireless Distribution System (WDS)</b>	
WDS Service	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
1.Peer WDS MAC Address	<input type="text"/>
2.Peer WDS MAC Address	<input type="text"/>
3.Peer WDS MAC Address	<input type="text"/>
4.Peer WDS MAC Address	<input type="text"/>
<b>** WDS depends on the settings of main security encryption type. **</b>	
<input type="button" value="Apply"/> <input type="button" value="Cancel"/>	

12. On the left, click on **Wireless security**
13. For **Security Mode** - select **WPA2 Pre-Shared Key**
14. Type a unique password for **WPA Shared Key**

A Shared key is the password required to login to your wireless connection. When a computer tries to connect to your Network, they will be asked to enter a Pre-Shared Key.

### Creating a Pre-shared Key:

- Must have a minimum of 8 alphanumeric characters
- Case sensitive

**Wireless Security**

Parameters

Security Mode	WPA2 Pre-Shared Key ▾
WPA2 Algorithm	TKIP ▾
WPA2 Shared Key	Pa55W0rD
Group Key Renewal	3600 Seconds

Apply Cancel

1. Click on **Apply** to apply the settings.
2. Click on **Save Config** in the bottom right corner
3. You will be asked to confirm. Click on **Apply** to save your settings (note, it may take up to one minute to save your settings)
4. Click on **Logout** in the bottom right corner