Package Contents

- BEC VG2600 Wireless-N Broadband Voice Gateway
- This Quick Start Guide
- CD containing the user manual
- RJ-45 Ethernet cable
- Two detachable antennas
- Power adapter

Danger

- Do not use the router in high humidity or high temperatures.
- Do not use the same power source for the router as other equipment.
- Do not open or repair the case yourself. If the router is too hot, turn off the power immediately and have it repaired at a qualified service center.
- Avoid using this product and all accessories outdoors.

Caution

- Place the router on a stable surface.
- Only use the power adapter that comes with the package. Using a different voltage rating power adaptor may damage the router.
## Front Panel LEDs

<table>
<thead>
<tr>
<th>LED</th>
<th>STATUS</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power</strong></td>
<td>Green</td>
<td>System is up and ready</td>
</tr>
<tr>
<td></td>
<td>Red</td>
<td>Boot failure</td>
</tr>
<tr>
<td><strong>EWAN</strong></td>
<td>Lit up</td>
<td>BEC VG2600 is successfully connected with a broadband connection device.</td>
</tr>
<tr>
<td></td>
<td>Green</td>
<td>Transmission speed is at Gigabit speed (1000Mbps)</td>
</tr>
<tr>
<td></td>
<td>Orange</td>
<td>Transmission speed is at 10/100Mbps</td>
</tr>
<tr>
<td></td>
<td>Blinking</td>
<td>Data being transmitted/received</td>
</tr>
<tr>
<td><strong>Ethernet Port 1-4</strong></td>
<td>Green</td>
<td>Transmission speed is at Gigabit speed (1000Mbps)</td>
</tr>
<tr>
<td></td>
<td>Orange</td>
<td>Transmission speed is at 10/100Mbps</td>
</tr>
<tr>
<td></td>
<td>Blinking</td>
<td>Data being transmitted/received</td>
</tr>
<tr>
<td><strong>USB</strong></td>
<td>Green</td>
<td>Connecting to a USB dongle or a hard drive.</td>
</tr>
<tr>
<td><strong>Wireless/WPS</strong></td>
<td>Green</td>
<td>Wireless connection established</td>
</tr>
<tr>
<td></td>
<td>Green blinking</td>
<td>Data being transmitted / received</td>
</tr>
<tr>
<td></td>
<td>Orange</td>
<td>WPS configuration is in progress</td>
</tr>
<tr>
<td><strong>Phone 1 &amp; 2</strong></td>
<td>Green</td>
<td>Successfully registered and ready to be used.</td>
</tr>
<tr>
<td></td>
<td>Orange</td>
<td>Phone is off-hook, in-use</td>
</tr>
<tr>
<td><strong>Internet</strong></td>
<td>Green</td>
<td>IP connected and traffic is passing thru the device.</td>
</tr>
<tr>
<td></td>
<td>Red</td>
<td>IP request failed.</td>
</tr>
<tr>
<td></td>
<td>Off</td>
<td>BEC VG2600 is either in bridged mode or WAN connection not ready.</td>
</tr>
</tbody>
</table>
## Rear Panel Connectors

<table>
<thead>
<tr>
<th>PORT</th>
<th>MEANING</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><strong>Antenna</strong></td>
</tr>
<tr>
<td>2</td>
<td><strong>Phone (1X-2X)</strong></td>
</tr>
<tr>
<td>3</td>
<td><strong>USB</strong></td>
</tr>
<tr>
<td>4</td>
<td><strong>Gigabit LAN Ethernet</strong></td>
</tr>
<tr>
<td>5</td>
<td><strong>Gigabit EWAN</strong></td>
</tr>
<tr>
<td>6</td>
<td><strong>Reset</strong></td>
</tr>
</tbody>
</table>
| 7    | **WPS & Wireless On/Off** | By controlling the pressing time, users can achieve two different effects:  
(1) **WPS** \(^1\): Press & hold the button for **less than 6 seconds** to trigger WPS function. 
(2) **Wireless ON/OFF button**: Press & hold the button for **more than 6 seconds** to On/Off the wireless. |
| 8    | **Power** | Connect the supplied Power Adapter to this port. |
| 9    | **Power Switch** | Power ON/OFF switch |

* Note: 1. For WPS configuration, please refer to the WPS section in the User Manual.
Hardware Connection

Hardware Installation

1. Power Connection
   Plug in the supplied power adapter to the wall jack, the other side to the VG2600 then power it on by pressing the Power On/Off button.

2. LAN Connection
   Connect the supplied RJ-45 Ethernet cable to one of the Ethernet ports, and the other side to the PC’s Ethernet interface.
3. **EWAN Connection**
Connect RJ-45 Ethernet cable to the **EWAN port**, and connect the other side to another alternative broadband device, such as Cable Modem, VDSL, Fiber Modem or PON optic lines. *<Please refer to User Manual for detailed instruction.>*

![EWAN Connection Diagram]

4. **Phone Connection**
Connect RJ-11 cable to the router’s “Phone_1” or “Phone_2” when connecting to an analog phone set. Both ports (“Phone_1” and “Phone_2”) can make VoIP calls simultaneously..

![Phone Connection Diagram]

5. **USB Connection**
FTP or Samba Server attached to the USB port. Simply plug in an external USB HD and do a setup in the GUI. *<Please refer to User Manual for detailed instruction.>*

![USB Connection Diagram]
Connecting to the Router

The default IP of modem is **192.168.1.254** with subnet 255.255.255.0. Make sure the attached PC to this router is in the same subnet and has an IP address in the range between 192.168.1.1 ~ 192.168.1.253.

Open a web browser and type **http://192.168.1.254** in the URL address bar.

The login prompt will appear. Input the default username (**admin**) and password (**admin**) for Account type, Administrator. *This username / password may vary by different Internet Service Providers.*

Quick Setup Your Router

**Before start configuring the VG2600, make sure you have the WAN port connected with your Internet box or fiber line.**

**Step 1: Change Administration Password**

Setup a new password for “admin” account for device management. The default password is “admin”. Click Continue to go on to the next step.

*The password may vary by different Internet Service Providers.*

**New Password**: assign a new, unique password

**Confirm Password**: re-enter the new password again

**Next Step**: click Next

**Step 2: Time Zone Configuration**

Enable and select your Time Zone then click Continue to go on to the next step.

**Time Zone**: select your time zone

**Next Step**: click Next
Step 3: Setup Wireless Connection

Access Point: select Activated

SSID: Assign an unique name

Channel: pick from 1~11

Security Type: select a mode
- Disable (No security)
- WPA
- WPA2 (Most secure one)
- WPA / WPA2 (auto detect WPA mode with wireless clients)
- WEP (Less secure one)

Pre-Shared Key: key for wireless authentication
- WPA / WAP2 Share Key: Assign a key between 8 ~ 63 characters.
- WEP: select Open System, use default WEP Key 1 then assign 26 Hex codes

Next Step: click Next

Step 4: WAN / Internet Connection Setup
Select the appropriate WAN protocol then fill out the information provided by your ISP in all relevant parameters.

Protocol: select one of them
- Dynamic IP Address (Obtain an IP automatically)
- Static IP Address (Manually assign an IP)
- PPPoE
- Bridge Mode

Next Step: click Continue

Step 5: Quick Start Completed
Click “Next” to save and complete the Quick Setup.
You should now be able to access to the Internet.

Please see the relevant sections of User Manual for detailed information.
Troubleshooting

1. **None of the LEDs are on when you turn on the router.**
   Check the connection between the adapter and the router. If the error persists, you may have a hardware problem. In this case you should contact technical support.

2. **You have forgotten your router login and/or password.**
   Try the default login and password, please refer to User Manual. If this fails, you can restore your router to its factory settings by holding the Reset button on the back of your router for 6 seconds or more.

3. **Can’t ping any PCs on the LAN.**
   Check the Ethernet LEDs on the front panel. The LED should be on for a port that has a PC connected. If it is off, check the cables between your router and the PC. Make sure you have uninstalled any software firewall for troubleshooting. Verify that the IP address and the subnet mask are consistent between the router and the workstations.

Product Support and Contact Information

Most problems can be solved by referring to the **Troubleshooting** section in the User Manual. If you have other inquiries or need further technical support, please contact with your Internet Service Provider or visit us at [www.bectechnologies.net](http://www.bectechnologies.net).