BEC 6200WZL

4G/LTE Cellular Broadband Router

Quick Start Guide

> PLEASE READ THE QUICK START GUIDE AND FOLLOW THE STEPS CAREFULLY. THIS QUICK START GUIDE WILL HELP YOU INSTALL THE DEVICE PROPERLY AND AVOID IMPROPER USAGE. IF YOU NEED MORE INFORMATION ON THIS SOFTWARE CONFIGURATION, PLEASE REFER TO THE USER MANUAL ON CD-ROM.
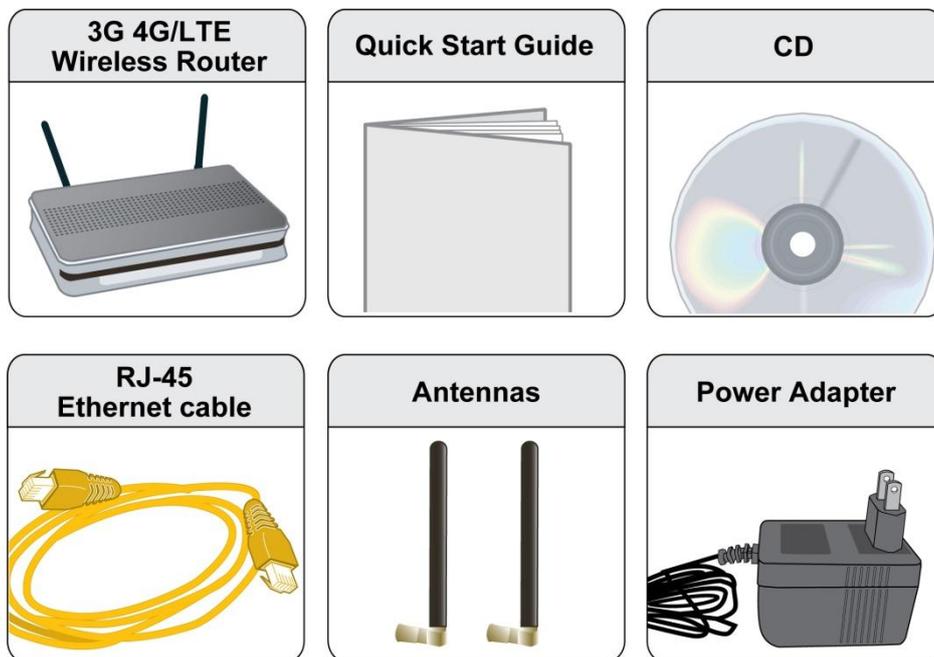
Package Contents

- ✓ **BEC 6200WZL 4G/LTE Cellular Broadband Router**
- ✓ **This Quick Installation Guide**
- ✓ **CD containing User Manual**
- ✓ **RJ-45 Ethernet Cable**
- ✓ **Two 3G/4G-LTE detachable antennas**
- ✓ **Power adaptor**

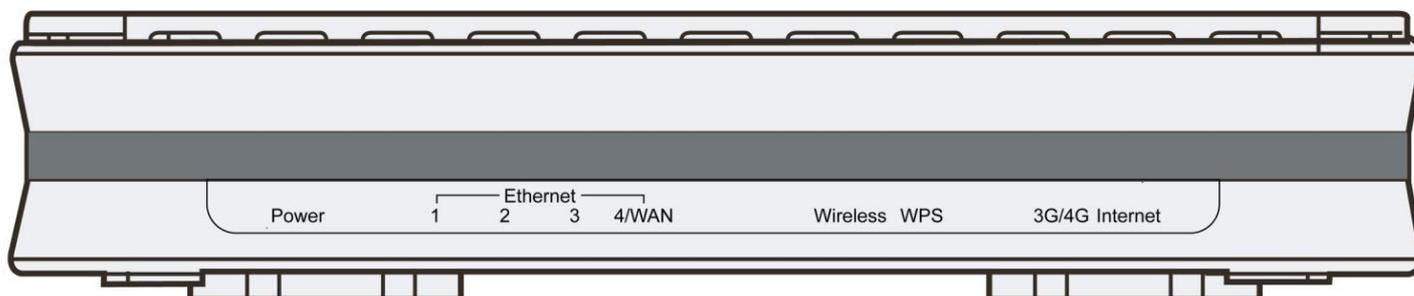| 3G 4G/LTE Wireless Router	Quick Start Guide	CD
RJ-45 Ethernet cable	Antennas	Power Adapter

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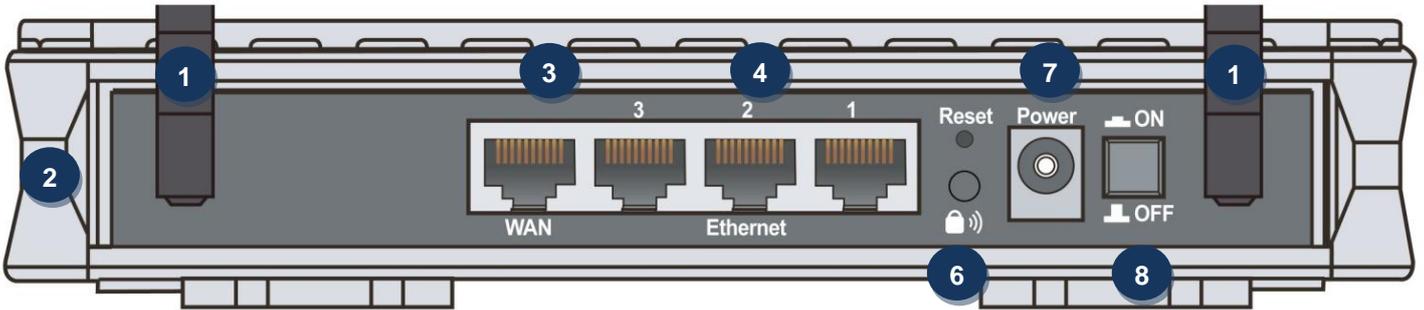
Attention
- ● **Place the router on a stable surface.**
- ● **Only use the power adapter that comes with the package.   Using a different voltage rating power adaptor may damage the router.**
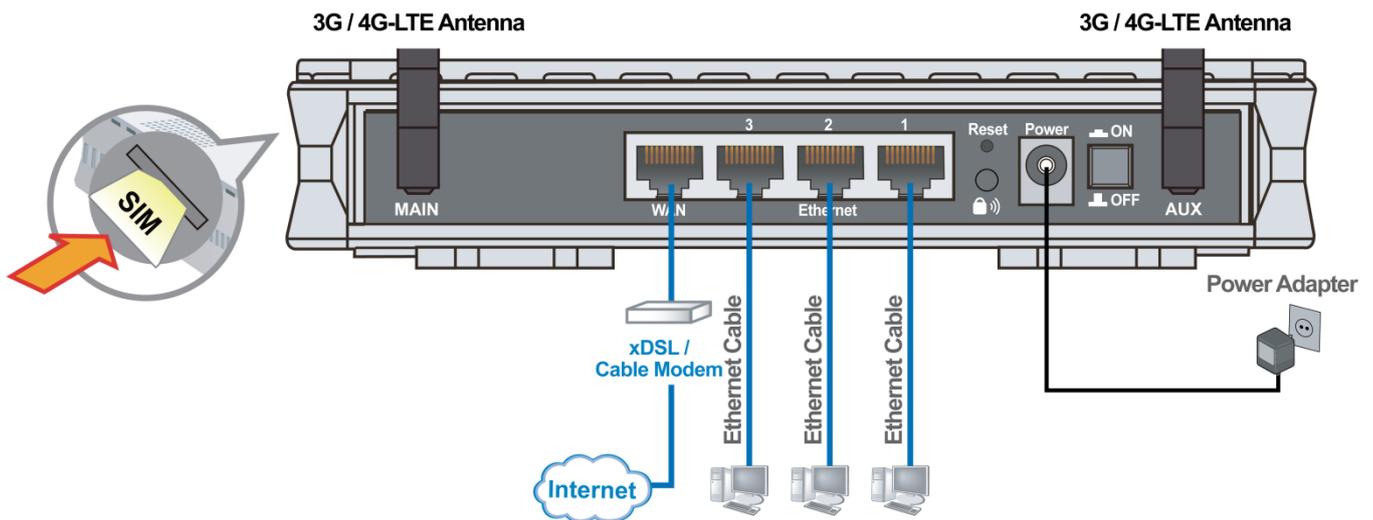
Front Panel LEDs

LED	STATUS	DESCRIPTION
Power	Green	System is up and ready
	Red	Boot failure
Ethernet Port LAN 1 ~ 4	Green	LAN Port is connected to an Ethernet unit, e.g. PC, Notebook, Xbox
	Blinking	Data being transmitted/received
	Note: port #4 can be configured as WAN port for broadband connectivity	
EWAN on LAN 4	Green	BEC 6200WZL is successfully connected with a broadband connection device.
	Blinking	Data being transmitted/received
Wireless	Green	Wireless connection established
	Blinking	Data being transmitted / received
WPS	Green	Wireless client has been connected via WPS successfully
	Blinking	WPS is enabled and ready for other wireless clients to join
3G/4G (Received Signal Strength Indicator)	Green	RSSI greater than -69 dBm. Excellent signal condition
	Green Flashing quickly	RSSI from -81 to -69 dBm. Good signal condition
	Orange Flashing quickly	RSSI from -99 to -81 dBm. Fair signal condition.
	Orange Flashing slowly	RSSI less than -99 dBm. Poor signal condition.
	Orange	No signal and the 4G_LTE module is in service
	Off	No LTE module or LTE module fails
Internet	Green	WAN IP received and traffic is passing thru the device.
	Red	WAN IP request failed.
	Off	BEC 6200WZL is either in bridged mode or WAN connection not ready.

Rear Panel Connectors

| PORT		MEANING
1	**LTE Antenna**	Screw the supplied LTE antennas onto the antenna connectors on both sides.
2	**SIM Card Slot**	Insert the mini SIM card (2FF) with the gold contact facing down. Push the mini SIM card (2FF) inwards to eject it
3	**WAN**	Connect a UTP Ethernet cable (Cat-5 or Cat-5e) to one of the four LAN ports when connecting to a PC or an office/home network of 10Mbps /100Mbps.
4	**Ethernet LAN (1~4)**	Connect to Fiber/ Cable/ xDSL Modem with a RJ-45 cable WAN Port (LAN port 4) can also be a regular Ethernet LAN port.
5	**Reset**	After the device is powered on, press it **6 seconds or above**: to restore to factory default settings (this is used when you cannot login to the router, e.g. forgot your password)
6	**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.
7	**Power Jack (DC)**	Connect the supplied Power Adapter to this jack.
8	**Power Switch**	Power ON/OFF switch

Hardware Connection

|	
Attention	**Connect the detachable 3G/4G-LTE antennas to the two jacks on the back of the device and make sure they are firmly screwed in.** **The MAIN antenna connector is used for primary 3G/4G-LTE.** **If deciding to use ONE antenna, make sure the MAIN antenna connector is being connected at all times.**

Hardware Installation

1. Power Connection

Plug in the supplied power adapter to the wall jack, the other side to the 6200WZL then power **ON** the 6200WZL by pressing the Power On/Off button.
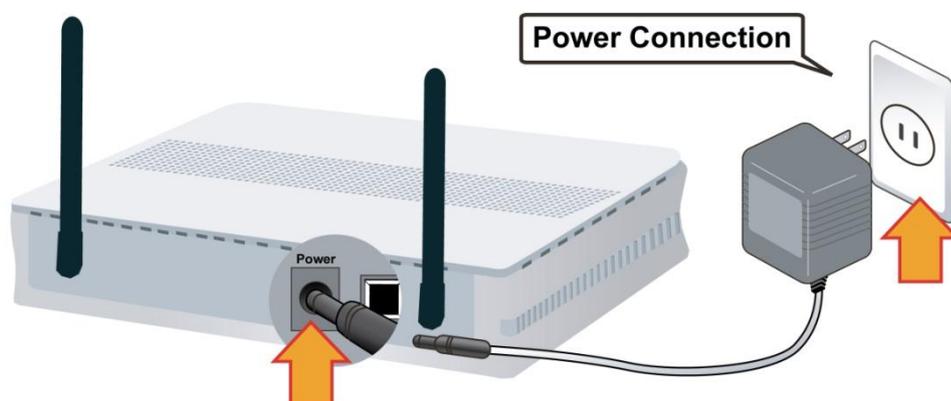
2. LAN Connection

Connect the supplied RJ-45 Ethernet cable to one of the Ethernet ports, and the other side to the PC's Ethernet interface.
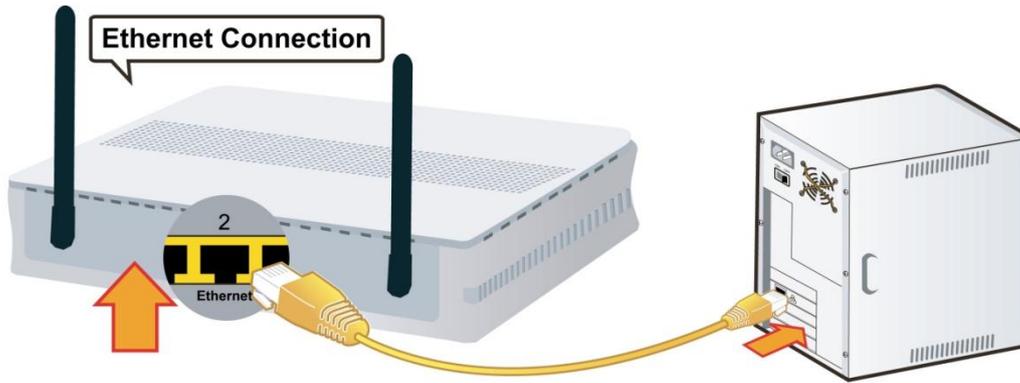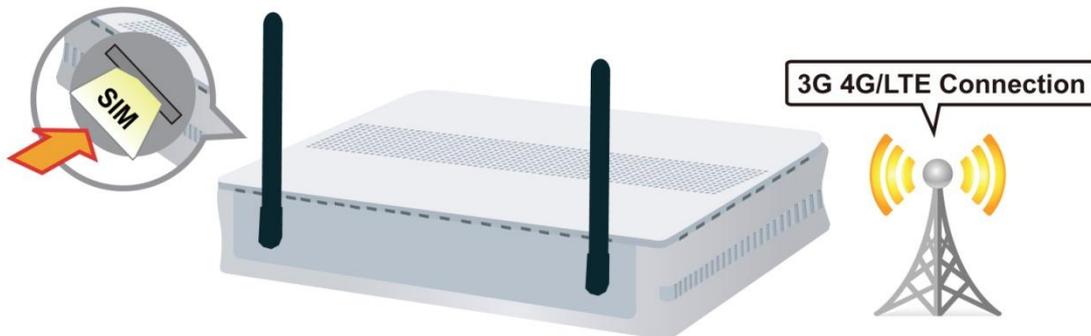
3. WAN Link Interface and Connection

BEC 6200WZL support dual WAN interfaces, 4G LTE and EWAN. **<Please refer to User Manual for detailed Internet setup>**

3.1 4G_LTE Connection

Slide the SIM card into the card slot of the device with the gold contact facing down. Make sure that the SIM card has been slid into the bottom of the slot with a click. When removing the SIM card, press the SIM card again it will be ejected from the card slot.

> **WARNING: Please power off the device before inserting or removing the SIM**

3.2 EWAN Connection

Connect RJ-45 Ethernet cable to the **Ethernet WAN port**, and connect the other side to another alternative broadband device, such as Cable Modem, VDSL, Fiber Modem or PON optic lines.
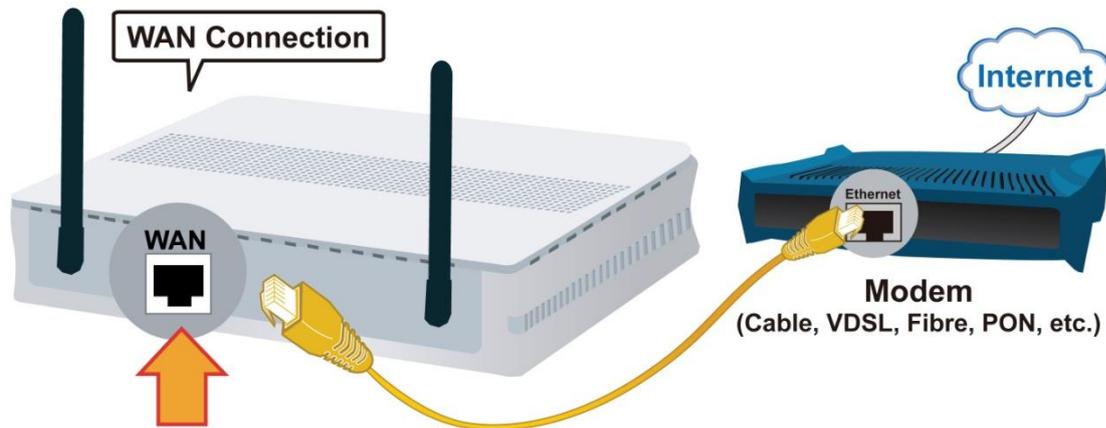
Connecting to the Router

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.

> **URL Address bar:** type
> http://192.168.1.254

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 6200WZL, make sure you have the WAN port connected with your Internet box or fiber line.**

Step 1: 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 2: WAN / Internet Connection Setup

Select the appropriate WAN protocol then fill out the information provided by your ISP in all relevant parameters. For 3G/4G_LTE connection, if your Service Provider is not on the list, please select **Other** and fill out all of the appropriate fields.

Step 3: Setup Wireless Connection

WLAN Service: select Enable

ESSID: Assign an unique name

Channel ID: pick from 1~11

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

Security Parameters: key for wireless authentication
- **WPA / WAPA2 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 Continue

Quick Start

▼Wireless (WAN > Wireless)

Set Wireless configuration.

WLAN Service	⦿ Enable ⚬ Disable
ESSID	wlan-ap
Channel ID	Auto ▼
Security Mode	Disable ▼
Regulation Domain	N.America ▼
Continue	

Step 4: Saving Configuration

Wait for 10 - 20 seconds for the router to establish an Internet connection.

If no responses for more than 30 seconds please check the SIM Card connection or/and

information is/are being input properly.

▼ Save confguration

Saving configuration to FLASH. Please wait for 10 seconds

Step 5: Quick Start Wizard Complete

"Success!" message will be shown if the Internet connection is ready to go.

If not, please check your WAN, Internet Connection, setup again.

▼ Process finished

Success.

The Quick Start process is finished. Your device has been successfully configured.

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.
   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.