## 1 Product Introduction

Thank you for purchasing 3G portable broadband router. This high cost-efficiency router is the best choice for Mobile / Small office / Home office users, as all computers and network devices can share a single wireless connection.

3G modem or xDSL / cable** modem internet connection at high speed. Easy install procedures allows any computer users to setup a network environment in short time - within minutes.

Please follow the procedures in this Quick Installation Guide to configure the router.

**Note 1**: Only one Internet connection (wireless 3G or xDSL/Cable) can be used at the same time.

**Note 2**: To prevent the compatibility problem between 3G USB Modem card and 3G router, it is recommended that you upgrade the latest firmware of 3G router from website.

**Note 3**: The Charger or USB cable is only for charging, it can not replace the battery, if you want to operate the router only two types of power source are recommended: Battery and Battery+DC.

## 1-1 Package Contents

Before you starting to use this router, please check if there's anything missing in the package, and contact your dealer of purchase to claim for missing items:

- 3G mobile router (main body, 1 PCS)
- Quick installation guide (1 PCS)
- 5V power adapter (1 Purchase)
- y902 Convertor (1 PCS)
### 3G Portable Wireless Router

#### 1-2 Front Panel

- **Power (PWR)**
  - **Light Status**: ON
  - **Description**: Router is powered on

- **WAN/LAN**
  - **Light Status**: ON
  - **Description**: WAN is connected
  - **Off**: WAN is unconnected
  - **Flashing**: WAN port is sending/receiving data

- **3G**
  - **Light Status**: ON
  - **Description**: 3G Modem is connected
  - **Off**: 3G Modem is not connected
  - **Flashing**: USB modem card is dialing up

- **WLAN**
  - **Light Status**: ON
  - **Description**: Wireless LAN has been activated
  - **Off**: Wireless LAN is disabled
  - **Flashing**: Wireless LAN is sending/receiving data

- **Battery**
  - **Light Status**:
    - Green: Battery connected with Charger
    - Orange: Charging
    - Off: Powered on or off according to PWR LED

#### 1-3 Switch & Port

- **WPS**
  - **Description**: Start WPS function. Press this button for 2 - 5 seconds to start WPS function (enable feature first).

- **Reset**
  - **Description**: Reset the router to factory default settings (clear all settings). Press this button and hold for 3-10 seconds to clear all settings.

- **Mini USB**
  - **Description**: WAN/LAN/Power Connector

- **Power**
  - **Description**: Press this button to On/Off device

- **USB**
  - **Description**: For 3G USB Modem Card to connect with Internet
2 Network Setup

2-1 Hardware Installation:

Instructions for using the router to share the Internet with multiple PCs. (Power on the Modem and the Router.)

(A) Modem card installation:

If you have modem card and SIM card, please follow the following instructions to establish connection
1. Connect power adapter to 3G Router or direct power on with battery.
2. Insert SIM card into modem card, and connect the modem card with 3G Router. The corresponding LED indicator on 3G Router will light.

(B) Cable Modem installation:

If you do not have USB modem. You can also access Internet by xDSL/Cable modem, please follow the following instructions:
1. Connect the Ethernet cable from the router’s WAN port (V902) to the LAN port of the modem.
2. Check to make sure the router’s LINK LED is lighting; to confirm the cable connections are made correctly.

2-2 PC LAN IP Configuration

Configure the PC LAN setting to automatically obtain an IP address from the router by following the below steps.

Click “Start” in the task bar then select the “Control Panel”.

Click “Switch to Classic View” on the left top to see more setting icons.
Find an icon "Network Connection" then Double-Click to open the network connection setting.

You will see an icon "Local Area Connection", select the icon then Right-Click the mouse to open the sub-menu and select the "Properties".

Select the "Internet Protocol (TCP/IP)" then click the "Properties"

Ensure the parameter marked in blue are checked in "Obtain an IP address automatically" and "Obtain DNS server address automatically" then press "OK" to close.
2-3 Internet Configuration

3G Router provides two types of Internet connection method: wireless (USB modem) or wired (DSL / cable modem) connection. You can access internet via USB modem or wired (DSL / cable modem) connection. However, only related instructions will be given as follow.

2-3-1 Wireless Setup

3G Router supports most of modem cards (more than 300 models) within American and European market. 99% of the newer modems can be automatically recognized. Just connect the modem card to the USB port of 3G Router and 3G Router will recognize it automatically, no additional setup procedure required. However, some of modem cards require you to input these information, and some modem cards require you to connect the device with your PC and install driver / utility before you connect it with 3G Router (all PCs which need to access Internet by 3G Router require to perform this procedure once). If you still not able to connect to Internet, please use wired method to connect the 3G Router and upgrade 3G Router’s firmware. If you still not able to get connected by the modem card, please contact your dealer of purchase and provide the model name of the modem card you have, we’ll try our best to help you solve the problem.

Only one internet connection (wireless / wired) can be used at the same time.

( B ) PIN code or user name / password required.

If you still can’t access Internet, please enter the router’s default IP address: “192.168.2.1”, into your PC’s web browser and press “enter”.

The login screen below will appear. Enter the “User Name” and “Password” and click “OK” to login. The default User name is “admin” and Password is “admin”, if following window does not appear, please make sure you finished “PC LAN IP Configuration” as described in Chapter 1, and then try again.

(A) Plug and play, no setup procedure required.

Connect the USB modem card with 3G Router and make sure the corresponding USB LED indicator of 3G Router lights up, then you can use the web browser to access Internet.
Click “Next” button.

Password box and input the user name / password provided by operator, then click ‘ OK ’ button. Wait for 1 minute (for3G Router to reboot), then you can access Internet.

Select the type of connection method you want.

DHCP, Static Mode,PPPOE(xDSL) or 3G Mode

DHCP (like the cable connection all the network configuration will assigned by server) Static mode the IP address and network setting are fixed provided by your network operator.

PPPOE it required the user name and password provided by your network operator.

3G connection required an USB modem connect to our router

Please check the authentication method you want to use. Most of operators require you to input PIN Code, please input the PIN code provided by operator.

Most of options listed here are optional and you don’t have to provide those information if operator doesn’t provide you with those information.

If operator provides you with username / password, please check “User Name /
3G Mode

Insert the SIM card to modem then connect it with 3G Router and make sure the corresponding USB LED indicator of 3G Router lights up.

**Note:** If your SIM card requires entering the PIN code, please put the pin code in pin fill then fill the correct parameters provided by ISP.

The click "NEXT" for the wireless network setup.

Then click "Apply" to reboot the router, after reboot you can connect to the SSID to fill your security key and enjoy your surfing.
3 Advanced Setup

3-1 Change management password

Default password of this router is admin, and it’s displayed on the login prompt when accessed from web browser. There’s a security risk if you don’t change the default password, since everyone can see it.

To change password, please follow the following instructions: Please click ‘SETTINGS’ menu on the left of web management interface, then fill the details in "Administrator Settings" to change the user name and password.

When you finish, click ‘Apply’; if you want to keep original password unchanged, click ‘Cancel’.

3-2 Firmware Upgrade

The system software used by this router is called as ‘firmware’, just like any applications on your computer, when you replace the old application with a new one, your computer will be equipped with new function. You can also use this firmware upgrade function to add new functions to your router, even fix the bugs of this router.

To upgrade firmware, please follow the following instructions:

Please click ‘Management’ located top menu and select "Upload firmware", then the following message will be displayed on your web browser:

Click ‘Browse’ button first, you’ll be prompted to provide the filename of firmware upgrade file. Please download the latest firmware file from our website, and use it to upgrade your router.

After a firmware upgrade file is selected, click ‘Apply’ button, and the router will start firmware upgrade procedure automatically. The procedure may take several minutes, please be patient.

Second method for upgrading firmware is by USB memory stick, please download latest firmware file from our website and save it to your USB memory stick first partition. Then click scan and chose the right file and apply, the router will start firmware upgrade procedure automatically. The procedure may take several minutes, please be patient.

NOTE: Never interrupt the upgrade procedure by closing the web browser or physically disconnect your computer from router. If the firmware you uploaded is corrupt, the firmware upgrade will fail, and you may have to return this router to the dealer of purchase to ask for help. (Warranty voids if you interrupted the upgrade procedure).
3-3 Restart and Reset to Default Setting

If you found the router behaves strangely, you can perform a reset, sometimes it will solve the problem.

You can either reset your router without losing your current settings or restore to factory defaults. If you wish to reset the router to the factory default settings, select Management” then select “Settings File(Factory)” . And click "Load Default" to reset your router and it will be available again after few minutes, please be patient.

Alternatively, you can use the Reset button at the Real Panel of the router.

3-4 Wireless Setup

SSID is the name of the wireless router. You may change your SSID to a meaningful name so that you can identify your wireless router from others. You can use any alphanumeric characters, up to 32 characters. By default the ESSID is ‘3G-router’.

It’s very important to set wireless security settings properly! If you don’t, hackers and malicious users can reach your network and valuable data without your consent and this will cause serious security problem.

To secure your wireless network, please click “Security”, then click “Security Mode”, and follow the following instructions to configure the wireless security settings:

It’s recommended to use WPA to protect your wireless router from hackers. Select Enabled WPA-PSK and enter the Pre-Share Key below.

Use 8-32 alphanumeric characters. Please remember this key, you need this key to connect to your wireless router wirelessly.