



## Quick Installation Guide

300M MIMO Wireless-N Router

Model No.: iB-WRB300N



**QIG**  
Ver.: 1.0.0

## **Quick Installation Guide will help you to configure iBall Baton iB-WRB300N, 300M MIMO Wireless-N Router quickly.**

For detailed instructions, please refer to the User Guide in the Resource CD.

## **1. Introduction**

300M MIMO Wireless-N Router complies with IEEE 802.11b/g/n wireless standards.

- MIMO Technology - Enhanced Wireless data transmission speed up to 300Mbps.
  - Broadband Internet (Cable /DSL) – Configure internet through (RJ45) WAN port
  - WISP Internet - Configure Internet through wireless mode
  - Operation Mode - AP Router / Universal Repeater / WDS
  - 5dBi x 2 Omni-directional Antenna
  - Easy Setup Wizard Utility helps users to configure the router easily.
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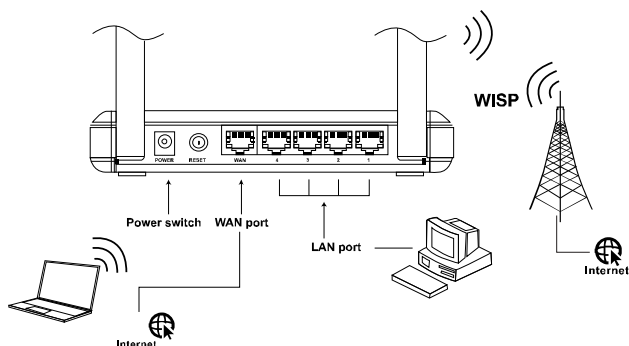
### **1.1 Package List**

The following contents should be found in the product packaging:

- 300M MIMO Wireless-N Router (iB-WRB300N)
- Antenna (Fixed)
- Power Adapter
- Cd
- Quick Installation Guide
- RJ45 Patch cord

## 2. Hardware Installation

**Scenario Diagram:** Broadband / WISP Internet

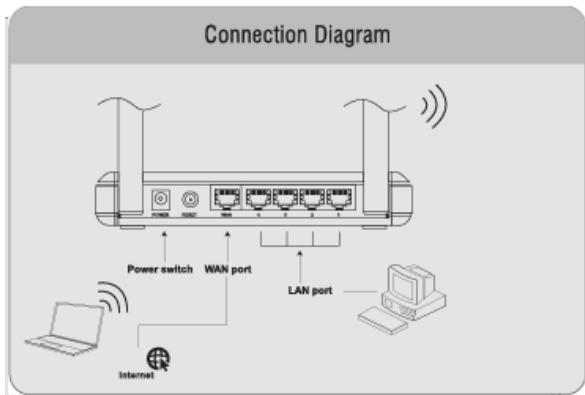


### 2.1 LED indicators

<b>Status</b>	<b>LED Status</b>	<b>Description</b>
Power	Red	Router is power ON
Sys	Green	Router is working properly
WPS	Green	WPS function is activated, LED will keep on about 2 minutes
WLAN	Blue	Device linked to the corresponding port but there is no activity
LAN	Green	RJ45 cable is plugged, and Ethernet connection is established
	Green in flash	Data access
WAN	Red	RJ45 cable is plugged, and Ethernet connection is established.
	Red in flash	Data access

### 3. Connecting the Router

- Power off your PC, Cable/DSL modem, and the Router.
- Locate an optimum location for the Router. The best place is usually near the center of the area in which your PC(s) will wirelessly connect.
- Adjust the direction of the antenna. Normally, upright is a good direction.
- Connect the DSL/Cable Modem/Ethernet to the WAN port on the Router, shown in the following figure.



- Connect the power adapter to the power socket on the Router, and the other end into an electrical outlet.
- Power on your PC, the Router and Cable/DSL modem.
- When all of the devices boot up completely, make sure that the Router's LEDs light as follows:
  - Power LED:** Light up
  - System LED :** Flashing
  - LAN LED:** Flashing or Light up
  - WAN LED:** Flashing or Light up
  - WLAN LED:** Light up or flashing if the port is connected

## 4. Configuring the Device

There are two methods for you to set up the iB-WRB300N Router quickly and easily.

- **Method - I** > Web Based configuration through browser
- **Method - II** > Easy Setup Wizard

### **Method-I**

Configuring the Router via Web based configuration

To login to the router, you should set up the TCP/IP Protocol in "**Obtain an IP address automatically**" mode on your PC(s).

To access the configuration GUI, open a web-browser and type in the default address of the router <http://192.168.1.1>

Default password: **admin**

### **Method-II**

Configuring the Router via Easy Setup Wizard (Resource CD)

- a. Insert the Resource CD into your CD-ROM device.



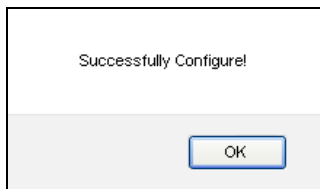
- b. The Easy Setup Wizard will automatically pop up on the computer's screen.



Click **Start** button and follow the steps as per easy setup configuration to complete the Router configuration.

As you click on start button router web page will open <http://192.168.1.1>

Login to the router interface by inserting default password: **admin** & click on OK.



## 5. WPS Configuration

WPS (Wi-Fi Protected Setup) function allows you to add a new wireless device to an existing network quickly.

☛ **Note:**

- 1) To build a successful connection between the Router and the wireless device by WPS, the wireless device should also support WPS function.
- 2) You can establish a wireless connection by using either **Push Button Configuration** method or **PIN** method. It is recommended that you choose the simplest method that your AP device supports.
- 3) Here takes the Wireless Adapter of our company for example.

### ▪ **PBC (Push Button Configuration) Method**

If the wireless adapter is equipped with a push-button for WPS:

**Step 1:** Press the **WPS button** on the back panel of the Router.

**Step 2:** Use WPS Utility of wireless Adapter to establish secured connection with router

It will connect your router and establish a secure connection automatically.

Once connection is established with the router you can use internet.

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### ▪ **PIN Method**

There are two ways to configure the WPS by PIN method:

- Enter a PIN into your AP device → **Method-I**
- Enter the PIN from your AP device → **Method-II**

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