The smart router

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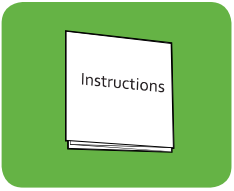
1 PRODUCT INTRODUCTION

▶ Router

▶ Instructions



▶ Micro USB Power wire

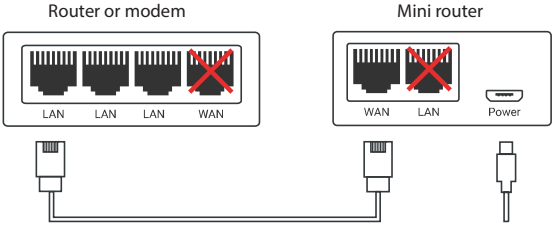
▶ USB power adapter (sold separately)

Specifications

Model	GL-AR150
ROM/RAM	64MB DDR RAM, 16MB Nor Flash
Interfaces	1 WAN, 1 LAN, 1 USB, 1 Micro USB, UART, 4 GPIOs, 1 ON/OFF switch, PoE module pins
Wireless	IEEE 802.11 b/g/n, Max 150Mbps
Power input	5V/1A, Micro USB adapter
Power consumption	Less than 1Watt (not including connected USB devices)
Temperature	Working 0~45°C, Storage -20~70°C
Dimension	58×58×25 mm
Weight	40g (Router only)

2 CONNECTIONS

➤ Connections



Connect your mini router's WAN port to the LAN port of your main router or modem. Then power it on.

3 FIRST TIME SETTING

When powered up, your mini router will broadcast WiFi signal with SSID: GL-ARxx-xxx. Connect your computer to the mini router wirelessly or using an Ethernet cabel.

The default WiFi password is printed on the back of the Mini router.

Visit http://192.168.8.1/ using your browser and then you will be asked to setup your router, starting from choosing your language.

4 INTERNET SETTING

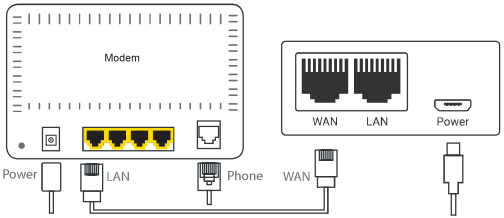
After you setup your mini router, you will have the following Web Interfaces.

Click the "Internet" icon to popup the Internet Setting page. The default protocol is DHCP.

PPPoE

- Sometimes you are required for username and password to connect to the Internet.
- Choose PPPoE protocol in your "Internet Settings", input your username and password provided by your ISP, click "Submit" and then you will be connected.

▶ Connections

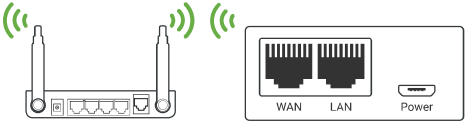


Repeater

- You can also connect your minir router to your existing router wirelessly.
- Choose "Repeater" mode in your "Internet Settings", and the mini router will automatically search for SSIDs. Choose your SSID and input your WiFi password.

  ATTENTION: if your password is wrong, the WiFi of your mini router will not work. You will need to connect to your mini router using a cable for another setup.

▶ Connections



Main router

▶ Setup

3G modem

- The mini router can transfer 3G signals to WiFi.
- Plug you 3G modem into the router's USB port. Choose your region and service provider.
- If you cannot find your service provider, you can input the information manually.

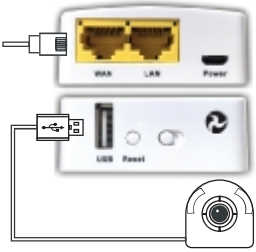
ATTENTION: Due the high power consumption of 3G modems, be sure to use a 5V1A and higher power supply.

5 WEBCAM LIVE STREAMING

Just plug a USB webcam in and you can change your mini router to a video monitor.

1. Connect your USB webcam to USB port.
2. Login to the router using a web browser and then go to "video monitoring" page.
3. You can change your webcam's resolution and/or FPS to achieve better results.

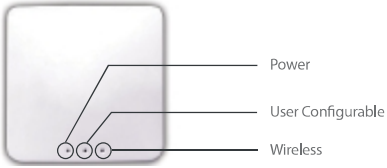
Hint: The higher the resolution and/or FPS the more demand on network bandwidth. Please use smaller resolution and/or FPS to achieve smoother video streaming.



Web Cam

6 BUTTON AND LEDS

- Press the Reset button to toggle the WiFi signal.
- If you forget your password, press and hold the Reset button for at least 8 seconds, then release your finger to reset the router. Wait until the router reboots, which could take about 3 minutes.
- The function of switch is configurable by user.



- Green LED on the left (solid) indicates that the router is powered up.
- Red LED on the right indicates WiFi signal (solid) and data transfer (flashing).
- The middle LED is left for user configuration.

7 WARRANTY

Router	1 year
Power adapter	90 days

- Please use standard USB power adapter, 5V/1A recommended.
- Any damage to the router caused by not following these instructions will render this warranty null and void.
- Any damage to the router caused by modifying the PCB, components or case will render this warranty null and void.
- Issues caused by use of third-party firmware may not get official support from us.
- Any damage to the router caused by inappropriate use, e.g. inappropriate voltage input, high temperature, dropping in water or on the ground will render this warranty null and void.

Pictures in these instructions are only for reference. We reserve the right to change or modify these materials without further notice.

The device it can only operate in 11 channels working

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:(1)This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

FCC RF Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.