GL·iNet

GL-MiFi

4G Smart Router

USER GUIDE

Specifications

4GLTE Model	**128**GB microSD Max.	IoT Gateway	OpenVPN

Industrial Grade 4G LTE to WiFi
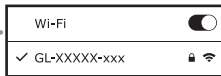Designed for Privacy Protection

CPU	Atheros AR9331, @400MHz
Memory	DDR 64MB/ FLASH 16MB
Interfaces	1 WAN, 1LAN, 1 USB2.0, 1 micro USB (power), SIM card slot, MicroSD card slot, Antenna SMA mount holes
Frequency	2.4GHz
Transmission rate	150Mbps
Tx power (maximum)	18dBm
Protocol	802.11 b/g/n
Power supply	5V/2A
Power consumption	<3W
Dimension	105*72*27mm, 170g

First-time Setting

1 Insert Micro SIM Card & Power On

TF Card / Micro SD Card (Optional)

Micro SIM Card
(Corner cut facing outside)

Plugin cable into LAN port

Press & hold the button
for 3 seconds
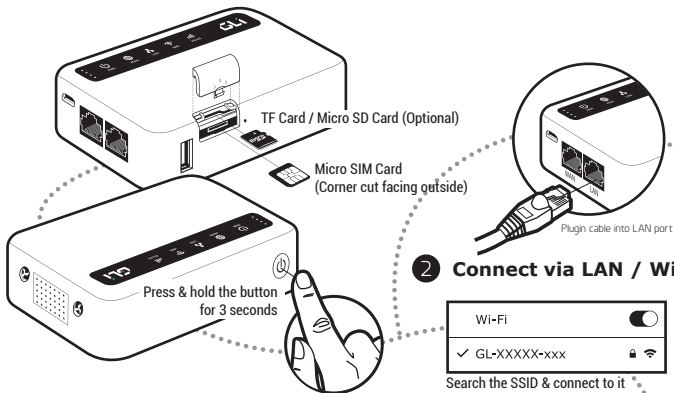
2 Connect via LAN / Wi-Fi

Wi-Fi	
✓ GL-XXXXX-xxx	🔒 🛜

Search the SSID & connect to it

Password	●●●●●●●●

Default Password is "goodlife"

3 Set up GL-MiFi

☰ http://192.168.8.1 ↻
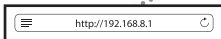
Go to browser and input IP address
Index > Internet Setting > 3G Settings
Select your "Country / Region", "Service Provider" and Modem Information

✓ Done

OpenVPN Client

This router supports OpenVPN client. Using OpenVPN will slow down your Internet speed because of data encryption.

Click the *OpenVPN* icon and go to the VPN setting page. The first time it will ask you to upload your OpenVPN client configuration (ovpn files). Usually, you can download it from your OpenVPN service provider's website or console. Consult your service provider for more details.

VPN

OpenVPN

1 **Upload OpenVPN configurations**

Click here to select files or drag and drop them here: .ovpn .zip .tar .gz

VPN Authentication ⊗

Some of your ovpn files need a username, a password and a passphrase. Please submit yours to authenticate these files.

Username

Password

Passphrase

Submit

After uploading the ovpn files, the router will check them. If you are prompted for a username and password, or a private key passphrase, or both, a window for *VPN Authentication* will pop up so that you can *Submit* these information for all files you upload.

This may not be necessary for some service providers.

2 Connect to OpenVPN

Now you can choose from a list of configurations and apply your choice to connect as OpenVPN client.

Enable OpenVPN connection — **Enable** ☑

Force all connected clients to use VPN — **Force VPN** ☑ No Internet VPN is not connected

Change your config file — **Config File** `06-USA-Denver-2.ovpn` ⌄

[**Apply**]

To protect against DNS leaks, you must customize your DNS servers. You can enable **Force all clients** to override the DNS server settings for your client devices. To customize your DNS server, go to **Internet Settings > Custom DNS**

SETTINGS

192.168.x.x
DHCP

Internet Status [New Connection] [Clone MAC] [Custom DNS]

DNS Settings

DNS Server 1 `8.8.8.8`

DNS Server 2 `8.8.4.4`

Using public DNS Servers (e.g. Google's) can prevent leaking your local DNS

Force all clients to use ☑

[**Apply**]

(?) *To get more detailed instructions or information about compatible VPN service providers, please visit* **http://gl-inet.com/docs/**

DIY Guidance

OpenWrt Firmware

Our firmware is developed based on OpenWrt and you can download all the firmwares from our website: *www.gl-inet.com/firmware*. Find the available firmwares from the folder according to your device model, and they are located in different sub-folders:

- *v1* folder contains release versions. It should be the default firmware shipped with the router.
- *clean* folder contains clean versions of OpenWrt firmware, with *Luci* software only. By default, Wi-Fi is disabled and you need to enable it in *Luci*.
- *tor* folder contains Tor firmware for the device.

DDWRT Firmware

GL-AR150 has an official DDWRT firmware which you can download from DDWRT website. DDWRT firmware is not available for other GL models. For further information, please visit *https://www.dd-wrt.com*

Tor Firmware

Each model has its own Tor firmware which you need to flash to the router. It is quite easy and you can refer to our online tutorial at *www.gl-inet.com/docs/openwrt/tor/*

Compile Your Own Firmware

If you have sufficient technical skills, you can compile your own firmware and flash to the router. Please refer to our online docs at *github.com/domino-team/openwrt-cc*

Uboot Failsafe

If you flash the wrong firmware, you would brick your router. But you still can recover it by using uboot failsafe. Please refer to the guide at *www.gl-inet.com/docs/diy/uboot/*

① *Using above DIY features might have a risk of bricking your router. We have no obligation to provide support, maintenance, upgrades, modifications, or new releases on DIY features. We reserve the rights of interpretation on above DIY contents without further announcement.*

Support

Warranty

- Each router has **one-year warranty.** Accessories have **three-month warranty.**
- Please use standard USB power adapter, 5V/1A.
- Any damage to the router caused by not following the 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 the 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 the water or on the ground will render this warranty null and void.
- Pictures on the instructions are only for reference. We reserve the right to change or modify these materials without further notice.

Technical Supports & General Enquiry

- For more detailed and updated instructions, please visit our website **www.gl-inet.com/docs.**
- For further questions, you can get help from the following ways:
  1. Send us an email at **service@gl-inet.com**
  2. Open a ticket at **www.gl-inet.com/tickets**
  3. Ask in our forum **www.gl-inet.com/forums**
  4. Ask in other forums e.g. **OpenWrt, LEDE or other professional websites**
- **Hong Kong Office**

  GL Technologies (Hong Kong) Limited
  210D Enterprise Place, 5W Science Park, Hong Kong
- **Shenzhen Office**

  深圳市广联智通科技有限公司
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http://www.gl-inet.com/docs

FCC ID: 2AFIW-MIFIV1

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. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note 1: 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 articular 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:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The Equipment named above is confirmed to comply with the requirements setout in the European Council Directive on the Approximation of the Laws of the Member States relating to RED (2014/53/EU). The equipment passed the test which was performed according to the following European standards:
EN 300 328 V2.1.1; EN 301 893 V2.1.0; EN 300 440 V2.1.1
EN 301 489-1 V2.1.1; EN 301 489-17 V3.1.1
IEC/EN 62368-1:2014 (Second Edition)
IEC/EN 60065:2014 (Eighth Edition)
EN 60950-1:2006 (Second Edition) + A1:2010 + A2:2013
This product uses WiFi and Bluetooth
Operating Frequencies: 2412MHz～2462MHz; 2422MHz～2452MHz;
RF Exposure: The highest measured 1g (simultaneous transmission) Body SAR value is 0.26 W/Kg.
Manufacturer: GL Technologies (Hong Kong) Limited, Unit 210D, 2/F, Enterprise Place Hong Kong Science Park,Shatin, N.T,

🗑 CE ♻ FC

MADE IN CHINA

www.gl-inet.com