Manuals+ — User Manuals Simplified.

Titanium Intelligent Solutions 750EXT IoT Gateway Instruction Manual

**Intelligent Solutions
750EXT IoT Gateway
Instruction Manual**

Contents

HARDWARE

Repair / Reset
If you cannot access the web-based setup page or cannot connect to the router, you can press the **Reset** button:

1. Press and hold for **3 seconds,** and then release to repair your network.

2. Press and hold for **10 seconds**, and then release to reset the router to factory settings. All user data will be cleared.

SETTING UP
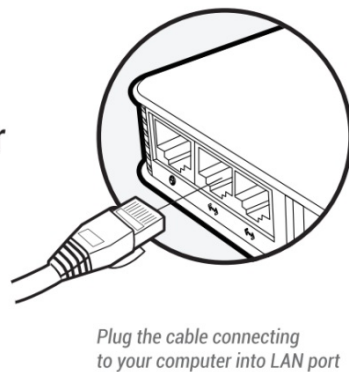
1. **Insert TF Card & Power On**
   When powered up, your GL-AR750 router will broadcast two Wi-Fi signals with the SSID: **GL-AR750-xxx** and **GL-AR750-xxx-5G.**
2. **Connect via Wi-Fi or Connect via LAN**
   Connect to the 2GHz Wi-Fi called **GL-AR750-xxx,** and input the default Wi-Fi password **good life,** which is also printed on the bottom of the router.
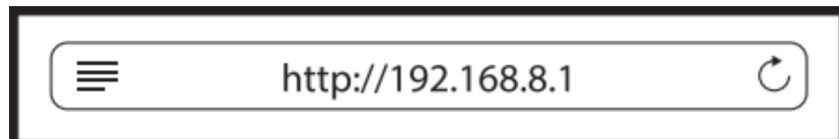

Wi-Fi
✓ GL-AR750-xxx
Search the SSID and connect to it
Password ●●●●●●●●
Default password is goodlife

or

Plug the cable connecting to your computer into LAN port

Set up Router

Visit **http://192.168.8.1** in your browser to set up your router; start by choosing your preferred language.

http://192.168.8.1

INTERNET SETTING

After you have set up your router, you will see the main web interface. Find the **Internet Settings** icon, then click the **New Connection** button. The **Internet Settings** window will pop up showing four types of connection methods: **Cable, Repeater, 3G/4G modem,** and **Tethering.**
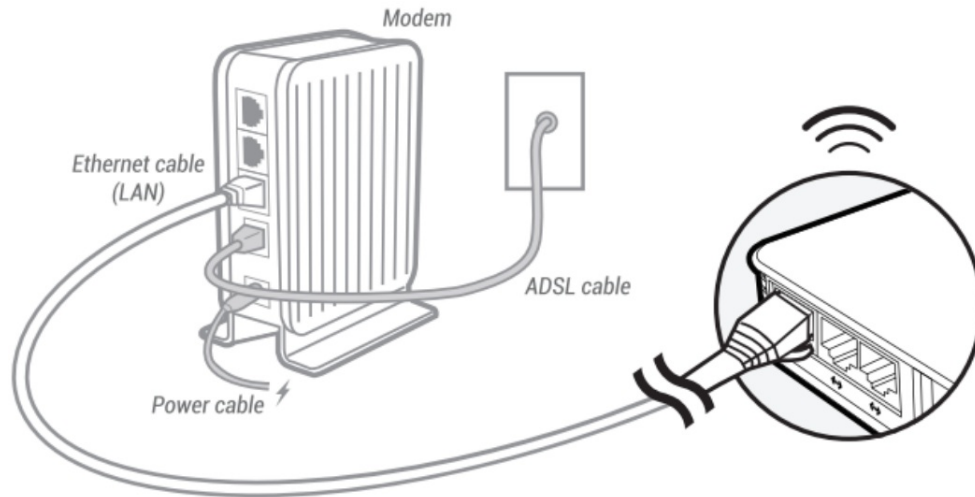

SETTINGS
192.168.x.x
DHCP
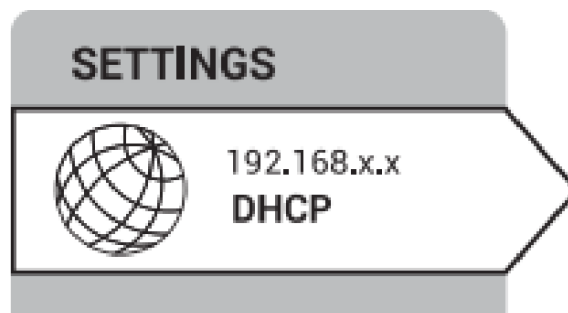
A. Cable (WAN)

DHCP/Static
The default protocol is **DHCP.** If your network needs a static setting, you can change it to **Static.**

PPPoE

Change to **PPPoE** protocol when you need to apply the username and password provided by your Internet service provider.

B. Repeater

Using **Repeater** means connecting your mini router to another existing wireless network, e.g. when you are using Wi-Fi in hotels or other public locations.

Choose **Repeater** mode in your **Internet Settings** and your router will automatically search for SSIDs. Choose an SSID and input the Wi-Fi password.

ⓘ GL-AR750 Router is a dual-band router; when it works as a repeater, you need to make sure that it uses the same frequency as the existing router does.

Mode

If you want your router to have its own subnet, you need to choose **WISP** mode. If you want to extend your existing network by bridging the mini router and your current router wirelessly, you can use **WDS.**

ⓘ You have to make sure your existing Wi-Fi supports WDS Using WDS only if you know what you are doing.

Saved Networks

The repeater manager will remember a list of your used networks in **Save Networks.** When your current wireless network is out of range, the manager will find another available one from the list and switch the **Repeater** connection to it automatically.

To disable repeater manager, uncheck the box **Auto scan & reconnect** on the Internet status page. In **Saved Networks,** you can delete or choose one from the list to connect.

OPENVPN CLIENT

This router supports the 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 (O. VPN files). Usually, you can download it from your OpenVPN service provider's website or console. Consult your service provider for more details.
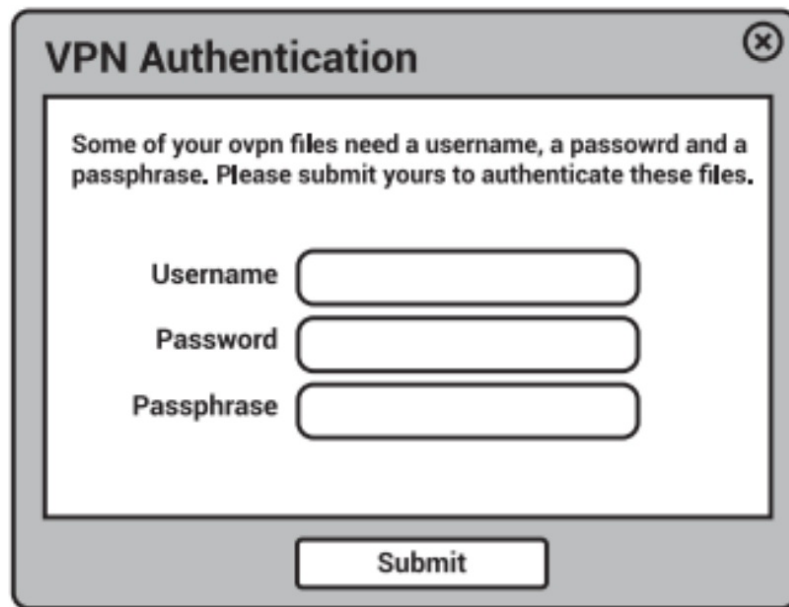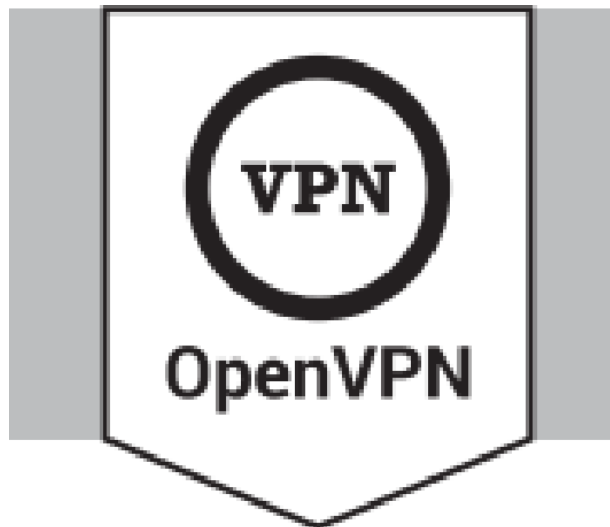

1. Upload OpenVPN configurations

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

This may not be necessary for some service providers.

VPN Authentication

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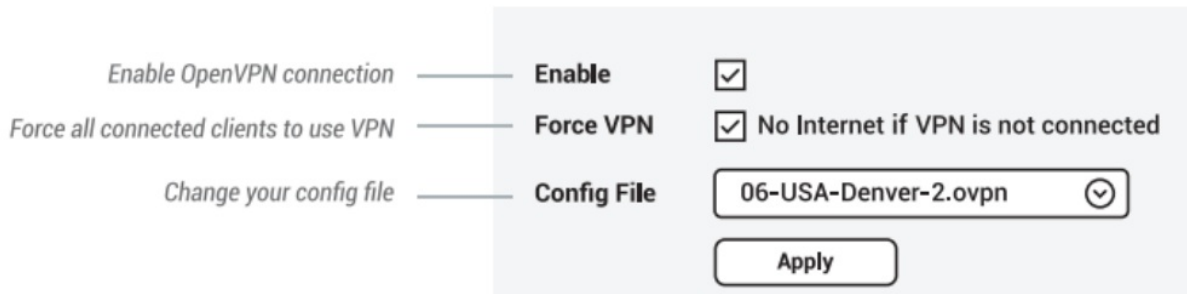
Username

Password

Passphrase

Submit

2. Connect to OpenVPN

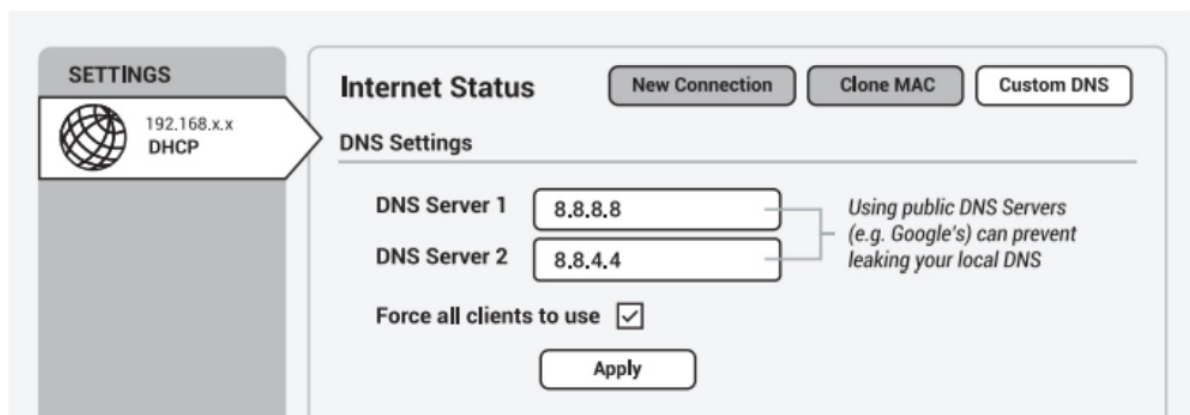Now you can choose from a list of configurations and apply your choice to connect as an OpenVPN client.

Enable OpenVPN connection	**Enable**	☑
Force all connected clients to use VPN	**Force VPN**	☑ No Internet if 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

FCC Statement

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.

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

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:

- 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.

Radiation Exposure Statement
This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules.

This equipment should be installed and operated with a minimum distance of 20cm between the device and your body.

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 transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Documents / Resources

	[**Titanium Intelligent Solutions 750EXT IoT Gateway**](#) [pdf] Instruction Manual 750EXT, 2AXMT-750EXT, 2AXMT750EXT, 750EXT IoT Gateway, 750EXT, IoT Gateway