

# QUICK INSTALLATION GUIDE

Super Hybrid 4G/LTE VDSL Gigabyte  
Modem Router  
with VoIP & 4G Fail-Over

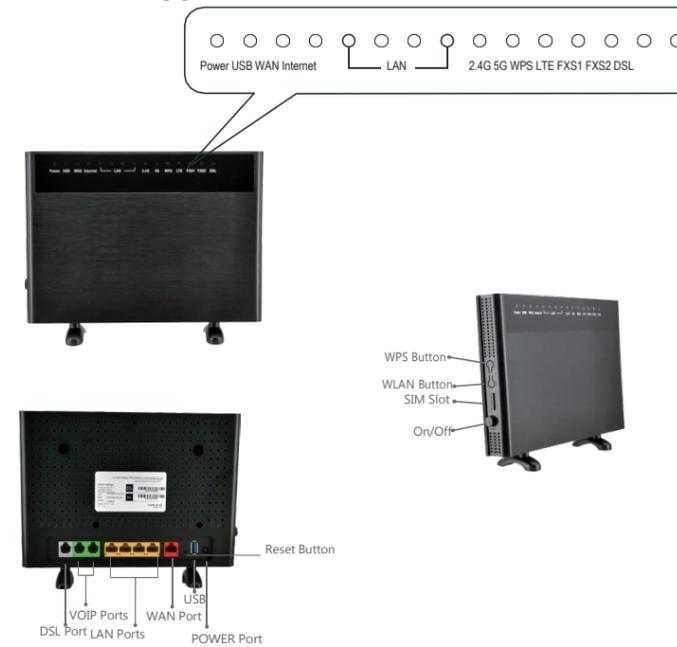
DIA-C5912TR

Version 1.1.0

## Package Contents

- DIA-C5912TR X 1
- Power adapter X 1
- Ethernet cable X 1
- Telephone line X 1

## Product Appearance



## Indicators

Indicators	Status	Explanation
Power	On	The router is powered on.
	Off	The router is not powered on. Please check adapter is connected correctly.
Internet	On	Internet connection is available.
	Blinking	Data are being transmitted or received through the internet.
DSL	On	DSL synchronization is completed.
	Blinking	DSL synchronization is in progress.
FXS1-FXS2	On	VoIP synchronization is completed.
	Blinking	VoIP synchronization is in progress.
WAN	On	The WAN port is properly connected.
	Blinking	Data are being transmitted or received through the WAN port.
LAN1-LAN4	On	The corresponding LAN port is properly connected.
	Blinking	Data are being transmitted or received through the corresponding port.
LAN1-LAN4	Off	The corresponding port is not connected.

USB	On	USB connection is established.
	Blinking	Data are being transmitted or received through the USB device.
	Off	USB connection is not established.
2.4G	On	The 2.4GHz wireless band is enabled.
	Blinking	Data are being transmitted or received through 2.4GHz band.
5G	On	The 5GHz wireless band is enabled.
	Blinking	Data are being transmitted or received through 5GHz band.
WPS	On	When the wireless terminal is successfully connected through the WPS function, the WPS light will stay on for about 2 minutes.
	Blinking	It is establishing WPS connection.
WPS	Off	WPS connection is finished or disable.

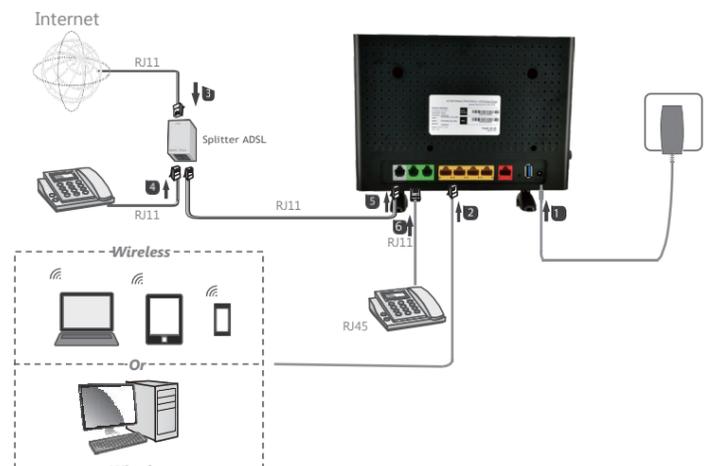
## Buttons

Buttons	Description
ON/OFF	Press this button to power on the unit.
WLAN	Press and hold this button for about 1 seconds to turn on or off the wireless function of DIA-C5912TR.
WPS	Go to Connecting WPS page on your client device, then press and hold WPS button on DIA-C5912TR for about 6 seconds immediately to establish WPS connection. The WPS connection progress may take up to 2 minutes.
Reset	Press and hold this button for about 10 seconds to reset the router to its factory default settings.

## Hardware Connection

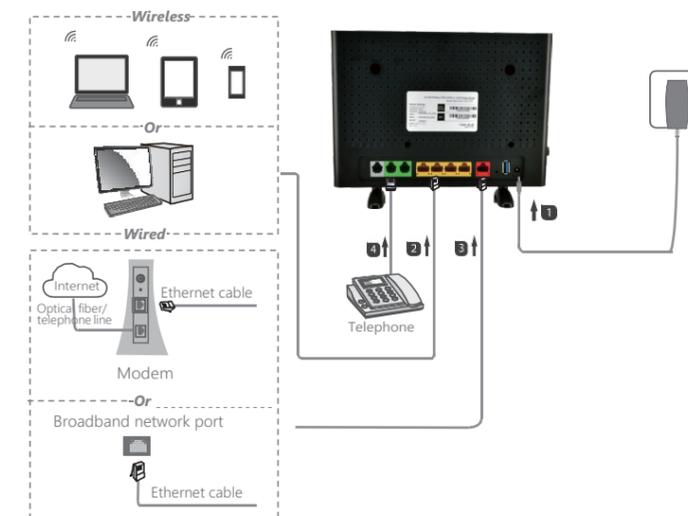
### Method 1 Through DSL

- 1 Plug the power adapter included in the package into the socket and plug the other side into the power port of DIA-C5912TR. And press the ON/OFF switch button to power on the system.
- 2 Connect the LAN port of DIA-C5912TR to your computer using Ethernet cable.
- 3 Connect the splitter to an existing phone line.
- 4 Connect the phone port of the VDSL splitter to your phone terminal.
- 5 Connect the Modem port of the VDSL splitter to the DSL port of DIA-C5912TR.
- 6 Enabling VoIP feature if necessary, connect the FXS port of DIA-C5912TR to your phone device using telephone line.



### Method 2 Through Eth WAN

- 1 Plug the power adapter included in the package into the socket and plug the other side into the power port of DIA-C5912TR. And press the ON/OFF switch button to power on the system.
- 2 There are two methods to connect your device. You can just choose one method to connect your device according to your actual situation. Wired: Connect your computer to LAN port 1, 2, 3 or 4 of DIA-C5912TR using an Ethernet cable. Wireless: Connect your device to DIA-C5912TR using the SSID and key (wireless password) printed on the bottom of the modem router.
- 3 Plug the Ethernet cable that has connected to the internet into the WAN port of the router.
- 4 Enabling VoIP feature if necessary, connect the FXS port of DIA-C5912TR to your phone device using telephone line.

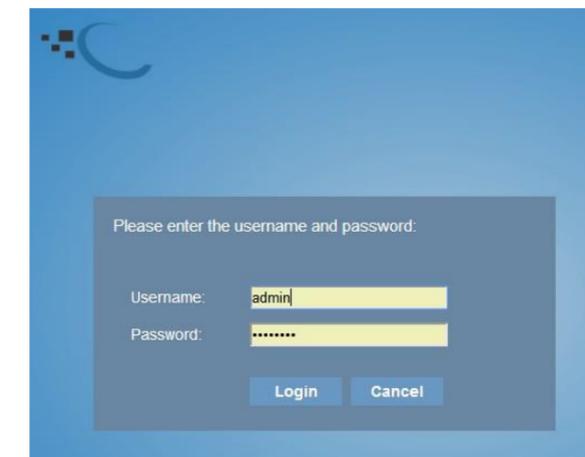


## Basic Configuration In Web UI Page

1. Launch your web browser, enter **192.168.1.1** on the address bar, and press **enter** to go to Web User Interface page.



2. Enter the login username and password labeled in the bottom of DIA-C5912TR.



3. Go to **Basic Setup > WAN Interface > WAN Service** page. There are three WAN Service has been created: ADSL, VDSL and EWAN Dynamic. According to your actual situation choose your connection mode to edit the settings. (Take PPPoE connection mode for VDSL as an example in the following illustrations.) Enter the MTU, user name, password or other related information provided by your ISP. And then click **apply**.



**Note:** If your connection mode is not in one of these three, you can create a new one by choosing your actual interface and mode, then click **Create** button. (Take PPPoE connection mode for E-WAN1 as an example in the following illustrations.) Enter the MTU, user name, password or other related information provided by your ISP. And then click **apply**.



4. Enabling VoIP feature if necessary, go to the **Application > VoIP > Basic Setup** page. Enter the Register Server, Proxy, and other information provided by ISP.

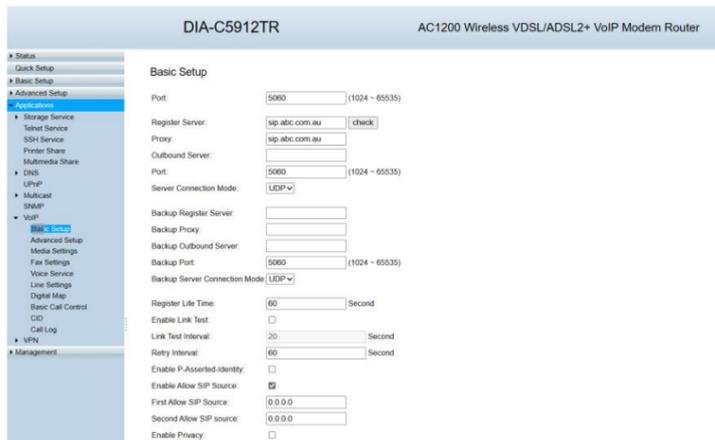
VoIP information that suggest to be entered:

**Register Server:** "its the VoIP domain name or sip URL address"

**Proxy:** " Should be the same as register server, it can be a domain name or IP address"

**Port:** "5060 is default VoIP port number"

All other setting do not change if it's not specify by your VoIP service provider.



VoIP information that suggest to be entered:

**Connection 1**

**Enable:** "checked"

**User Name:** " Enter your VoIP register number or user number"

**Password:** "Enter your VoIP Password provide by your SIP service provider"

**URI:** " Normally its the same as your VoIP **User name** or VoIP **phone number**"

Last, click on Apply.



To check if the VoIP is up & running, please go on the UI, **Status -> VoIP -> Voice Status**.

## FAQ

**Q1:** How to restore this modem router to factory settings?

**A1:** While the router is powered on, long-press the Reset button about 6 seconds until the LED light starts blinking.

**Q2:** If I can't access the web UI page of the router after entering **192.168.1.1**, what should I do?

**A2:** Please try the following methods to log in again.

- Make sure the connection of DSL/WAN and LAN port(s) is correct.

- Make sure you enter the correct IP address (**192.168.1.1**) to log in.

- Make sure the IP address of your computer is configured as Obtain an IP address automatically and Obtain DNS server address automatically.

- Use another web browser to log in again.

- Reset the modem router to factory default settings and try again.

**Q3:** If I forget the login password of the modem router, what can I do?

**A3:** Please reset the modem router and use the username and password (labeled in the bottom of DIA-C5912TR) to login the modem router's web UI page.

**Q4:** If I forget my wireless network password, what can I do ?

**A4:** Please refer to the following methods.

- If you have not changed the wireless password, it can be found on the product label at the bottom of the router.

- Login to the web UI page, go to **Basic Setup > Security Setting** page to reset your wireless password.

**Q5:** What can I do if VDSL Modem (when through method 1 in hardware connection part) can not synchronize?

**A5:** You can determine if the synchronization is successful based on the DSL indicator status. (Refer to LED indicators explanation)

- Check that the connection of the VDSL Splitter is correct.

The correct connection method of VDSL Splitter is: the entry LINE connects to the LINE port, VDSL Modem connects to the Modem port, and the telephone connects to the PHONE port.

- Call the service provider to check whether the VDSL line is normal.

**Q6:** What can I do if I can't access the internet (when through method 2 in hardware connection part)?

**A6:** Please try the following methods.

- Check if the internet is working properly by connecting a computer directly to your uplink device via an Ethernet cable. If it is not, contact your ISP.

- Reset the router and Login to the web UI page to run the basic configuration settings again.

As the technology is constantly updated and improved, contents in this document are subject to change without notice.

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