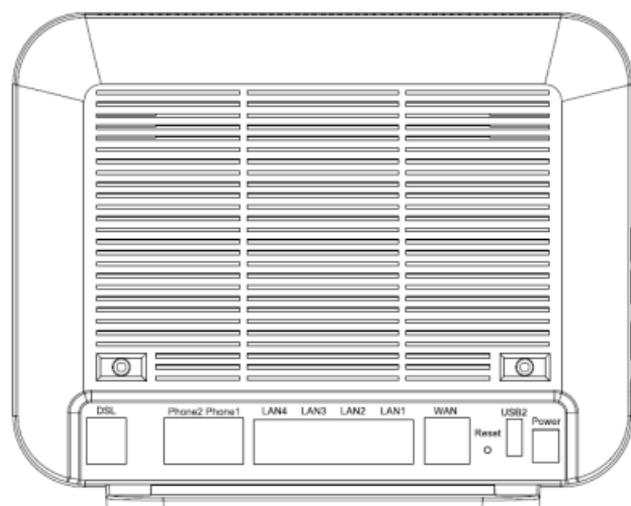


OvisLink OV704WVG

Quick Installation Guide



1 Hardware Description and Installation

Note:

The figures in this document are for reference only.

1.1 Hardware Description

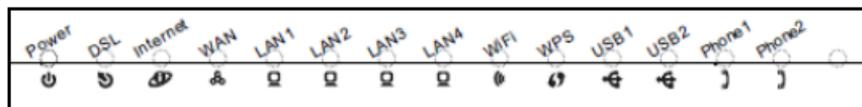


Figure 1 Front panel

The following table describes the indicators on the front panel.

Indicator	Color	Status	Description
Power	Green	On	The device is powered on and the device operates normally.
		Blink	The software is upgrading.
		Off	The device is powered off.
	Red	On	The device is initiating.
		Blink	The software is upgrading.
DSL	Green	On	DSL link has established.
		Blink	The DSL line is training.

Indicator	Color	Status	Description
		Off	Device is powered off.
Internet	Green	On	Internet is synchronized successfully in the route mode.
		Blink	Internet data is being transmitted.
		Off	Ethernet interface is disconnected.
	Red	On	Authentication has failed.
WAN	Green	On	The WAN interface is connected to the Ethernet cable.
		Blink	Network data is transmitting.
		Off	The WAN interface is not connected to the Ethernet cable.
LAN 1/2/3/4	Green	On	The Ethernet interface is connected.
		Blink	Data is being transmitted through the Ethernet interface.
		Off	The Ethernet interface is disconnected.
WiFi	Green	On	WiFi is enabled.
		Blink	Data is being transmitted through the wireless interface.
		Off	WiFi is disabled.

Indicator	Color	Status	Description
WPS	Green	On	Connection succeeds under Wi-Fi Protected Setup.
		Blink	Negotiation is in progress under Wi-Fi Protected Setup.
		Off	Wi-Fi Protected Setup is disabled.
USB1/2	Green	On	The connection of 3G or USB flash disk has established.
		Blink	Data is being transmitted.
		Off	No signal is detected.
Phone1/2	Green	Off	No FXS signal is detected.
		Blink	The user data is passing through FXS port.
		On	The FXS interface is ready to work.

1.2 Rear Panel and Side Panel

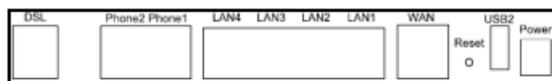


Figure 2 Rear panel

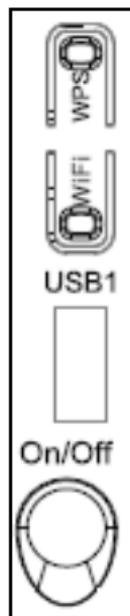


Figure 3 Side panel

The following table describes the interfaces and the buttons.

Interface	Description
DSL	RJ-11 port. Connect the router to DSL connector or splitter through telephone cable.
Phone1/2	RJ-11 port, using the telephone cable to connect the telephone set.
LAN 4~1	RJ-45 port, for connecting the router to a PC or another network device.
WAN	For connecting Ethernet cable to provide Ethernet uplink.
Reset	Press the button for at least 1 second and then release it. System restores the factory default settings.
USB1/2	USB port, for connecting the 3G network card or other USB storage devices.
Power	Power interface, for connecting the power adapter.
On/Off	Power switch.
WiFi	WiFi switch, for enabling or disabling the WiFi function.
WPS	This button is used for enabling WPS PBC mode. If WPS is enabled, press this button, and then the wireless router starts to accept the negotiation of PBC mode.

 **Warning:**

*Do not press the **Reset** button unless you want to clear the current settings. The **Reset** button is in a small circular hole on the rear panel. If you want to restore the default settings, please press the **Reset** button gently for 1 second with a fine needle inserted into the hole and then release the button. The system reboots and returns to the factory defaults.*

2 Hardware Installation

2.1 Choosing the Best Location for Wireless Operation

Many environmental factors may affect the effective wireless function of the DSL Router. If this is the first time that you set up a wireless network device, read the following information: The access point can be placed on a shelf or desktop, ideally you should be able to see the LED indicators in the front, as you may need to view them for troubleshooting. Designed to go up to 100 meters indoors and up to 300 meters outdoors, wireless LAN lets you access your network from anywhere you want. However, the numbers of walls, ceilings, or other objects that the wireless signals must pass through limit signal range. Typical ranges vary depending on

types of materials and background RF noise in your home or business.

2.2 Connecting the Device

- Step 1** Connect the **DSL** port of the router and the Modem port of the splitter with a telephone cable; connect the phone to the phone port of the splitter through a cable; and connect the incoming line to the Line port of the splitter.

The splitter has three ports:

- **Line:** Connect to a wall phone jack (RJ-11 jack)
- **Modem:** Connect to the Line interface of the router
- **Phone:** Connect to a telephone set

- Step 2** Connect the **LAN** port of the router to the network card of the PC through an Ethernet cable.

- Step 3** Plug the power adapter to the wall outlet and then connect the other end of it to the **Power** port of the router.

The following figure displays the connection of the DSL router, PC, and telephones.

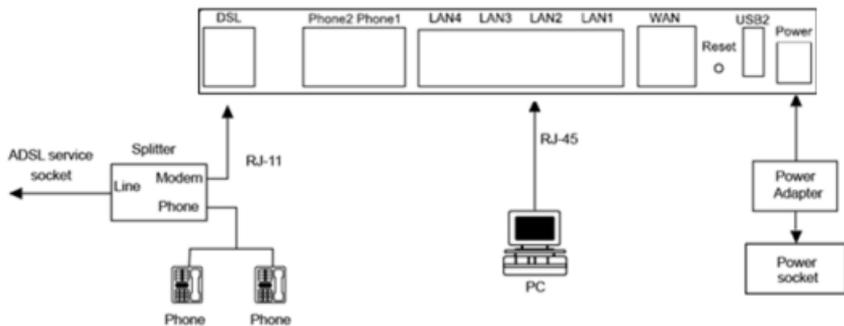


Figure 4 Connecting the DSL router

Note:

If you use 3G WAN service, connect the 3G USB data card to the **USB** port of the router.

3 PC Network Configuration

3.1 Windows XP System

Step 1 Choose Start > Control Panel > Network Connections.

Step 2 Right-click the Ethernet connection icon and choose Properties.

Step 3 On the General tab select the Internet Protocol (TCP/IP) component and click Properties. The Internet Protocol (TCP/IP) Properties window appears.

- Step 4** Select the Obtain an IP address automatically button.
- Step 5** Select the Obtain DNS server address automatically button.
- Step 6** Click OK to save the settings.

3.2 Win7 and Win8 System

- Set a fixed IP address

Step 1 Choose Start > Control Panel > Network and Internet > Network and Sharing Center.

Step 2 Choose Change Adapter Settings > Local Area Connection. Right-click Local Area Connection, and choose Properties.

Step 3 Double-click Internet Protocol Version 4 (TCP/IPv4).

Step 4 Select Use the following IP address, set the IP address on the network segment of 192.168.1.x (x can be any number from 2 to 255), and then click OK to go back to the previous page.

- Obtain an IP address automatically

Step 1 Choose Start > Control Panel > Network and Internet > Network and Sharing Center.

Step 2 Choose Change Adapter Settings > Local Area Connection. Right-click Local Area Connection, and choose Properties.

Step 3 Double-click Internet Protocol Version 4 (TCP/IPv4).

Step 4 Select Obtain an IP address automatically and Obtain DNS server address automatically, and then click OK.

3.3 MAC OSX System

Step 1 Click  icon on the upper left corner to display the hidden menu.

Step 2 Choose System Preferences.

Step 3 Click Network icon.

By default the automatic wired connection is Ethernet DHCP. If DHCP of the repeater is enabled, you can use this connection without IP address configuration. Click Apply to finish setting.

If DHCP is disabled, you have to configure the IP address manually. Enter the IP address, for example, 192.168.1.2, and then click Apply to finish the configuration.

Note:

It is suggested to disable the Wi-Fi before configuring the wired connection.

3.4 Wireless Connection

- XP, Win7 and Win8 system

Step 1 Turn on the Router. The WLAN is enabled by default.

Step 2 Enable the wireless network adapter on your PC and ensure that the Wireless Zero Configuration tool is available. Right-click the Wireless Network Connection icon and choose View Available Wireless Networks from the menu.

Step 3 In the Wireless Network Connection page, click Refresh network list and the network list is refreshed. Select the SSID of the router and enter the password.

- MAC OSX system

Two methods are available to the wireless configuration.

– General Configuration

Step 1 Click  icon on the upper left corner.

Step 2 Choose System Preferences.

Step 3 Click Network icon.

Step 4 Click the Status check box to turn Wi-Fi on, select the SSID from the wireless network list, and then click Apply.

Step 5 Enter the password and click Join.

– Quick Configuration

Step 1 Click the Wi-Fi icon on the top of desktop and select Turn Wi-Fi on.

Step 2 Select the SSID from the wireless network list and click Apply.

Step 3 Enter the password and click Join.

3.5 Login in

Step 1 Open the Internet browser and enter `http://192.168.1.1`.

Step 2 In the Login page enter the user name (admin) and password (admin) and click Login. Then you can start the web configurations.

