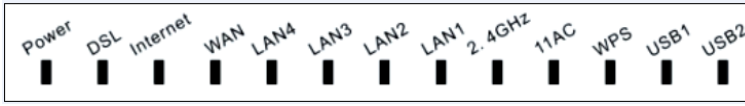
OvisLink OV804WVA

Quick Installation Guide

1 Indicators and Interfaces

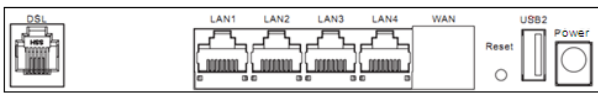
1.1 Front Panel

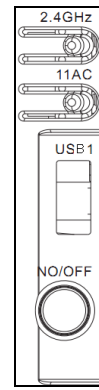


LED	Color	Status	Description
Power	Green	Off	Power off.
		On	The initialization is normal.
	Red	On	Initiating.
		Blinking	Restoring factory defaults or firmware upgrading.
DSL	Green	Off	No signal detected.
		Blinking	The device is handshaking with the physical layer of the office end.
		On	A connection is set up with the physical layer of the office end.
Internet	Green	Off	In Bridge mode or power off.
		Blinking	Internet data is being transmitted in the routing mode.
		On	A connection is set up but no traffic is detected.
	Red	On	Authentication of PPP dial-up is failed or MER is failed to obtain the correct IP address.
WAN	Green	Off	No WAN connection.
		Blinking	Data is being transmitted through WAN interface.
		On	The device is connected to the Internet through WAN interface.
LAN4-1	Green	Off	No LAN connection.
		Blinking	Data is being transmitted through LAN interface.
		On	LAN connection is normal.
2.4GHz	Green	Off	No 2.4G WLAN connection.

LED	Color	Status	Description
		On	2.4G WLAN connection is normal.
		Blinking	Data is transmitted through the 2.4G WLAN interface.
11AC	Green	Off	No 5G WLAN connection.
		On	5G WLAN connection is normal.
		Blinking	Data is transmitted through the 5G WLAN interface.
WPS	Green	Blinking	WPS negotiation enabled, waiting for the clients.
		Off	WPS negotiation not enabled.
USB1/2	Green	On	Connection established.
		Blinking	Data is being transmitted.
		Off	No connection established.

1.2 Rear Panel and Side Panel



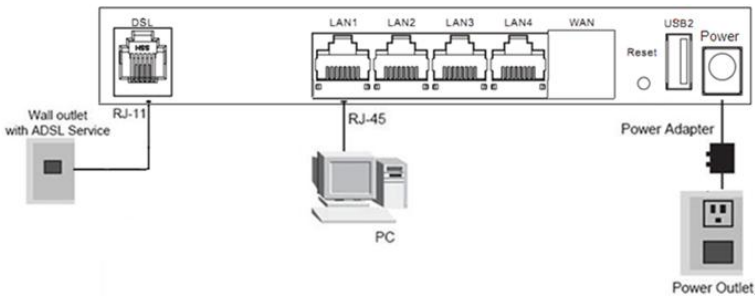


Interface/Button	Description
DSL	RJ-11 interface connects to DSL wall jack or telephone set through telephone cable.
LAN1-4	RJ-45 interfaces connect to the Ethernet interfaces of computers or Ethernet enabled devices.

WAN	RJ-45 interface that connects to Ethernet uplink device or Ethernet wall jack through RJ-45 cable.
Reset	Factory defaults resetting button. Keep power on, push a paper clip into the hole, press and hold the button for 5-8 seconds, and then the system restores the default settings.
USB2	USB port, for connecting USB storage devices.
Power	Interface that connects to the power adapter.
2.4GHz	● Press the button for 0-5 seconds, WPS will be triggered. ● Press the button for 5-10 seconds, the 2.4G WLAN will be enabled.
11AC	● Press the button for 0-5 seconds, WPS will be triggered. ● Press the button for 5-10 seconds, the 5G WLAN will be enabled.
USB1	USB port, for connecting USB storage devices.
ON/OFF	Power switch.

2 Hardware Connection

2.1 DSL Uplink Connection

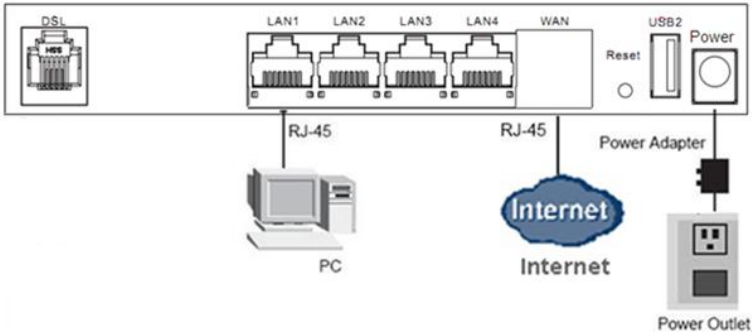


1 Connect the **DSL** interface to the wall outlet with ADSL service with an RJ-11 cable.

2 Connect a **LAN** interface to your PC through an RJ-45 (Ethernet) cable.

3 Plug one end of the power adapter to the wall outlet and the other end to the **Power** port of the device.

2.2 Ethernet Uplink Connection



1 Connect the **LAN** interface to your PC with an RJ-45 cable.
2 Connect the **WAN** interface to the uplink network device with an RJ-45 cable.
3 Plug one end of the power adapter to the wall outlet and the other end to the **Power** port of the device.

3 PC Network Configuration

3.1 Windows XP System

1 Choose **Start** > **Control Panel** > **Network Connections**.
2 Right-click the Ethernet connection icon and choose **Properties**.
3 On the **General** tab select the **Internet Protocol (TCP/IP)** component and click **Properties**. The Internet Protocol (TCP/IP) Properties window appears.
4 Select the **Obtain an IP address automatically** button.
5 Select the **Obtain DNS server address automatically** button.
6 Click **OK** to save the settings.

3.2 Win7 System

● Set a fixed IP address

1 Choose **Start** > **Control Panel** > **Network and Internet** > **Network and Sharing Center**.
2 Choose **Change Adapter Settings** > **Local Area Connection**. Right-click **Local Area Connection**, and choose **Properties**.
3 Double-click **Internet Protocol Version 4 (TCP/IPv4)**.

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

1 Choose **Start** > **Control Panel** > **Network and Internet** > **Network and Sharing Center**.
2 Choose **Change Adapter Settings** > **Local Area Connection**. Right-click **Local Area Connection**, and choose **Properties**.
3 Double-click **Internet Protocol Version 4 (TCP/IPv4)**.
4 Select **Obtain an IP address automatically** and **Obtain DNS server address automatically**, and then click **OK**.

3.3 MAC OSX System

1 Click  icon on the upper left corner to display the hidden menu.
2 Choose **System Preferences**.
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

● For XP and Win7 system

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

● For MAC OSX system

Two methods are available to the wireless configuration.

– General Configuration

1 Click  icon on the upper left corner.
2 Choose **System Preferences**.
3 Click **Network** icon.
4 Click the Status check box to turn Wi-Fi on, select the SSID from the wireless network list, and then click **Apply**.
5 Enter the password and click **Join**.

– Quick Configuration

1 Click the Wi-Fi icon on the top of desktop and select **Turn Wi-Fi on**.
2 Select the SSID from the wireless network list and click **Apply**.
3 Enter the password and click **Join**.

4 Login in

1 Open the Internet browser and enter **http://192.168.1.1**.
2 In the **Login** page enter the user name (**admin**) and password (**admin**) and click **Login**. Then you can start the web configurations.