



tp-link Wireless Telephony Modem Router Installation Guide

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Quick Installation Guide
AC2100 Wireless MU-MIMO
VDSL/ADSL Telephony Modem Router
Archer VR2100v



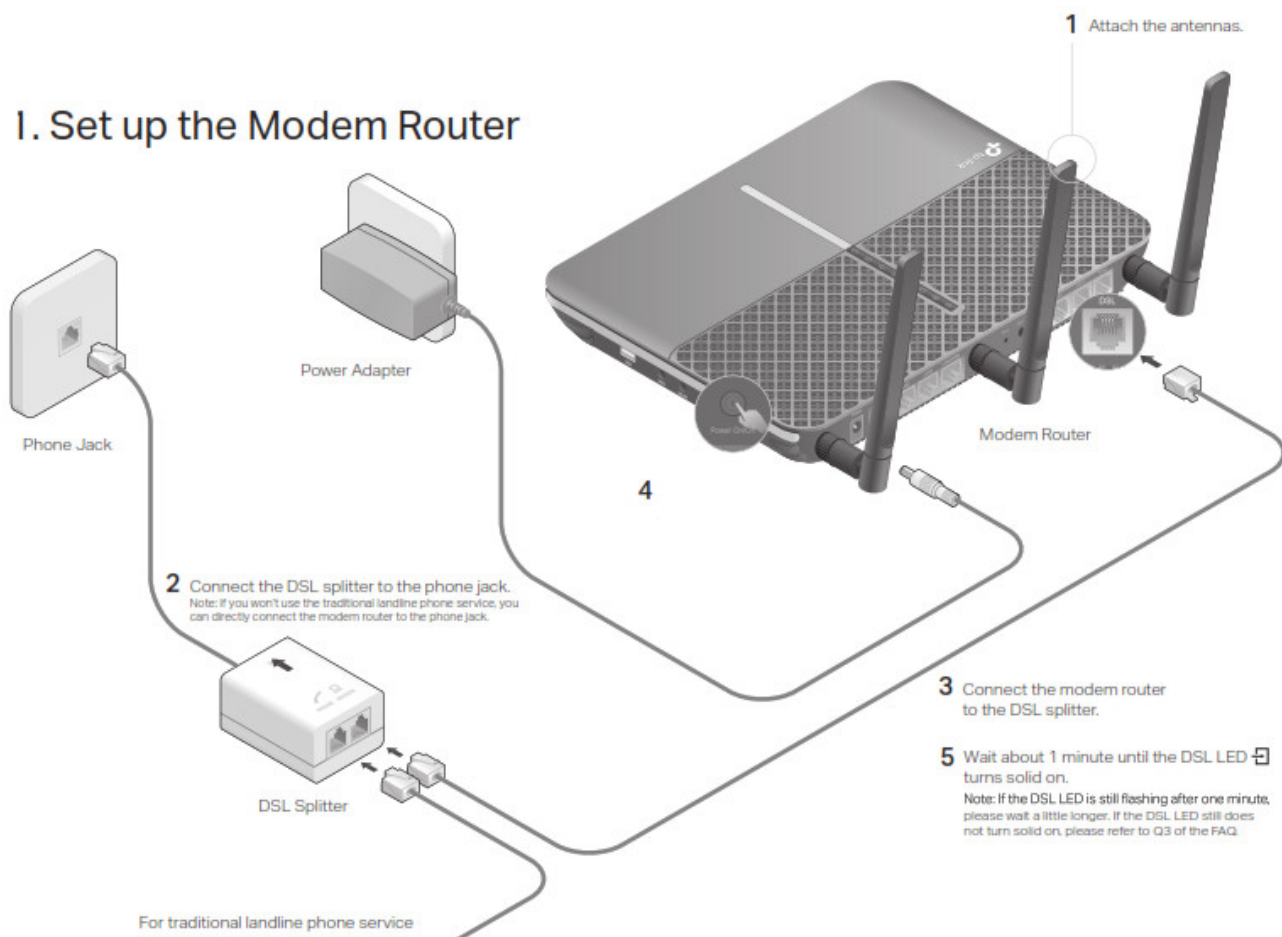
Set up with videos:
Scan the QR code or visit
<https://www.tp-link.com/support/setup-video/>
to search for the setup video of your product.

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Set up the Modem Router

1. Set up the Modem Router



1. Attach the antennas.

2. Connect the DSL splitter to the phone jack. Note: If you won't use the traditional landline phone service, you can directly connect the modem router to the phone jack.

3. Connect the modem router to the DSL splitter.

4. Push in to turn on the modem router.

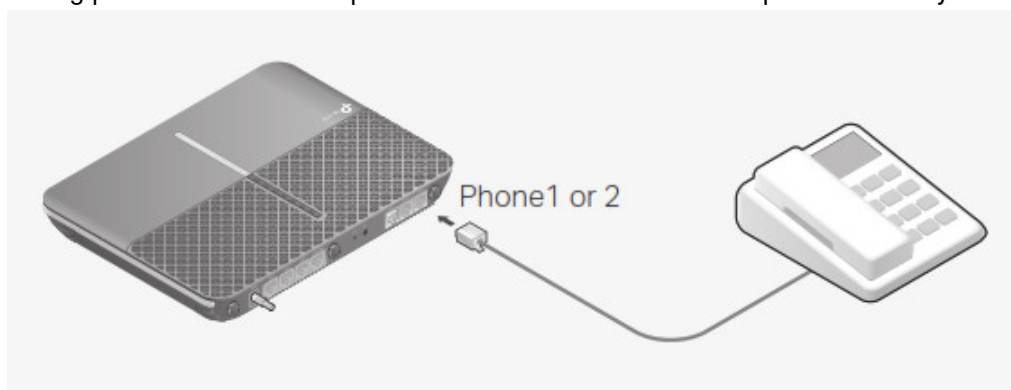
5. Wait about 1 minute until the DSL LED turns solid on.

Note: If the DSL LED is still flashing after one minute, please wait a little longer. If the DSL LED still does not turn solid on, please refer to Q3 of the FAQ.

Connect the Phone

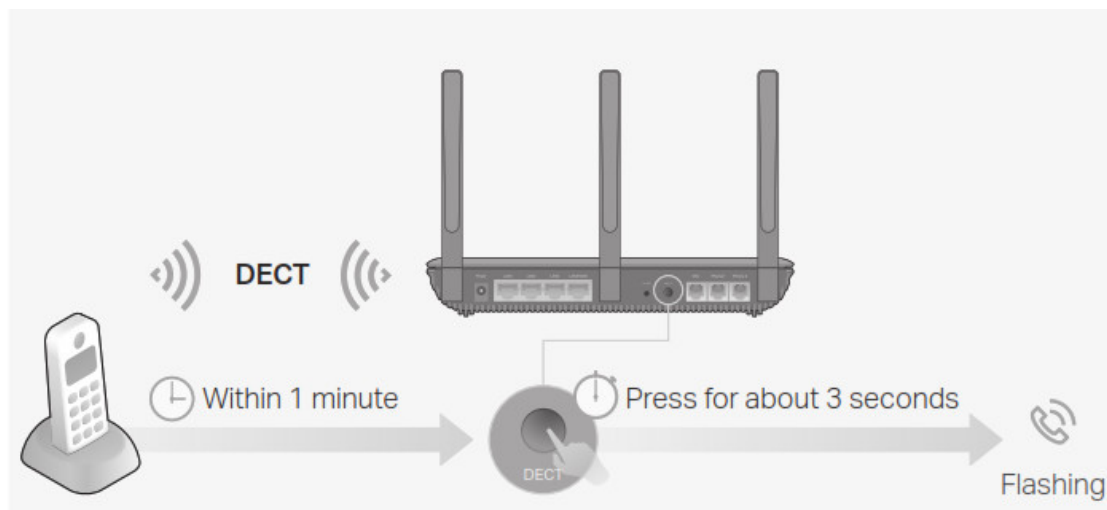
Analog Phone

Connect your analog phones to the Phone ports on the modem router's back panel. You may connect up to two.



DECT Cordless Phone

A. Open the registration page on your cordless phone. Press and hold the DECT button on the modem router for about 3 seconds until the Phone LED



B. Enter the PIN (Default: 0000) on the cordless phone if required.

Configure the Modem Router

Before You Start

- Most internet service providers (ISPs) will provide a username and password for their service when you first sign up with them. If you are unsure, please check with your ISP.
 - If you are using telephony function, you'll need to register your phone number on the modem router. Please find your phone information before continuing.
1. Connect your network device to the modem router via a wired or wireless connection.



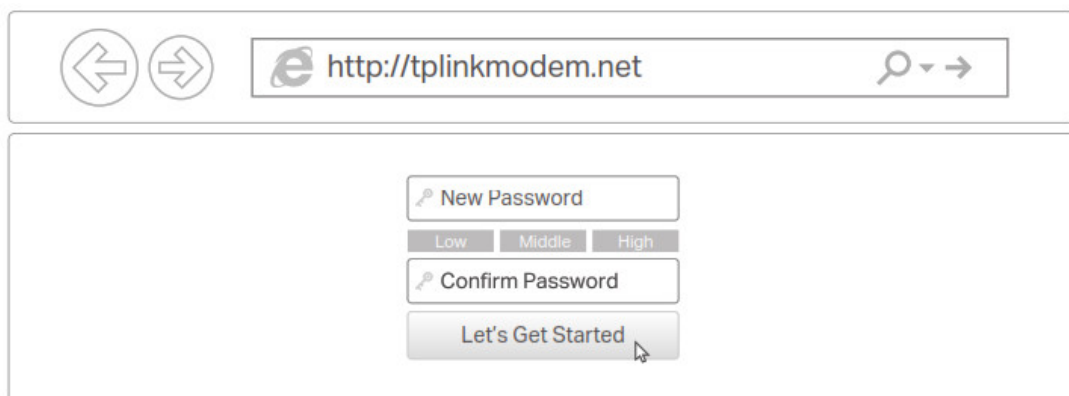
• Wired

Connect the computer to the LAN port of your modem router via an Ethernet cable.

• Wireless

- a. Find the SSIDs (network names) and Wireless Password printed on the product label at the bottom of the router.
 - b. Click the network icon on your computer or go to the Wi-Fi settings of your smart device, then select the modem router's SSID to join the network.
2. Launch a web browser and type in <http://tplinkmodem.net> or 192.168.1.1. Create a login password and get started.

Note: If the login window does not appear, please refer to Q1 of FAQ in this guide.



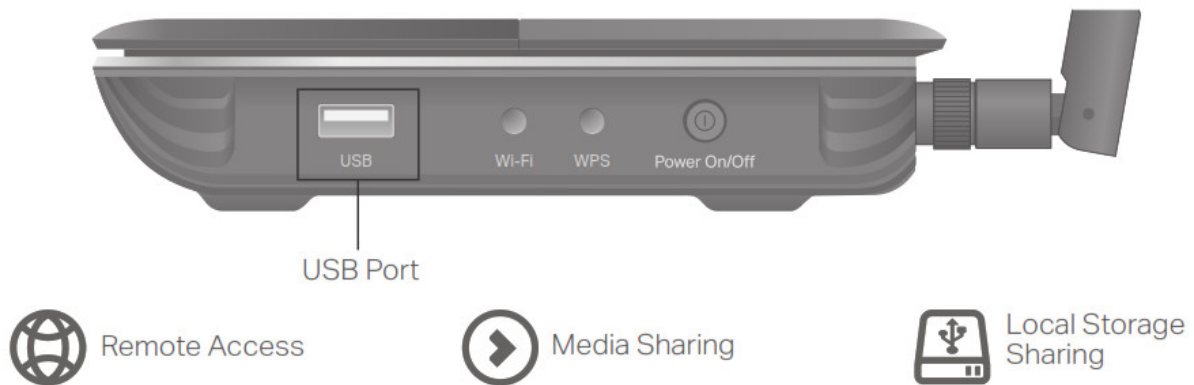
3. Follow the Quick Setup instructions to set up an internet connection, register the telephone number, and register the TP-Link Cloud service.



Enjoy the internet and your telephone service.

USB Application

The USB port can be used for file and media sharing, both locally over your home network and remotely over the internet using the modem router's built-in FTP server capability.



To learn more about the USB features, visit <http://tp-link.com/app/usb>.

Already have a modem?

If you already have a modem or your internet comes directly from an Ethernet wall outlet, you can switch to Wireless Router mode. Follow the steps below to set up.

1. Power on the modem router.
2. Connect your device to the router via an Ethernet cable or wirelessly.
SSIDs (network names) and Wireless Password can be found on the product label at the bottom of the router.
3. Launch a web browser and type in <http://tplinkmodem.net> or 192.168.1.1. Create a login password and get started.

Note: If the login window does not appear, please refer to Q1 of FAQ in this guide.



4. Go to Advanced > Operation Mode and switch to Wireless Router Mode. Wait for the router to reboot.
5. Connect the modem to the router's LAN4/WAN port via an Ethernet cable.
6. Go to Quick Setup and follow the step-by-step instructions to finish the setup.



Enjoy!









Tether App

You can easily manage your network through the TP-Link Tether app. Download and install the Tether app. Search for Tether on the Apple App Store or Google Play, or simply scan the QR code.



<https://www.tp-link.com/support/setup-video/>

LEDs

Name	Status	Indication
 Power	On Flashing Off	System initialization is complete. The system is initializing or the firmware is being upgraded. Do not disconnect or power off the modem router. Power is off
 DDL	On Flashing Off	DSL synchronization is complete. DSL synchronization is in progress. DSL synchronization failed.
 Internet	On (White) On (Orange) Off	Internet service is available. DSL port is connected but internet service is unavailable. Internet connection is incorrect, DSL synchronization failed, or the modem router is operating in Bridge mode.
 Wireless 2.4 GHz  Wireless 5GHz	On Flashing Off	The 2.4GHz/5GHz wireless radio band is enabled. WPS connection is in progress (about 2 minutes). The 2.4GHz/5GHz wireless radio band is disabled.
 LAN	ON Off	At least one LAN port is connected. No LAN port is connected.
 USB	On Flashing Off	The USB device is ready to use. The USB device is being identified. No USB device is plugged into the USB port.
 Phone	On Flashing Off	The phone is off-hook or DECT cordless phone is busy. The phone is ringing or DECT cordless phone is registering. The phone or DECT is on-hook.

FAQ (Frequently Asked Questions)

Q1. What should I do if I cannot access the web management page?

A1. If the computer is set to a static IP address, change its settings to obtain an IP address automatically.

A2. Make sure <http://tplinkmodem.net> or <http://192.168.1.1> is correctly entered in the web browser.

A3. Use another web browser and try again.

A4. Reboot your modem router and try again. A5. Disable then enable the network adapter in use.

Q2. What should I do if I cannot access the internet?

A1. Make sure all telephone and Ethernet cables are correctly and securely connected to the modem router.

A2. Try to log in to the web management page of the modem router using the default address at <http://tplinkmodem.net> or <http://192.168.1.1>. If you cannot, change your computer settings to obtain an IP address automatically from the modem router. If you can, try the steps below.

A3. Ask your internet service provider for the VPI/VCI (or VLAN ID), Connection Type, internet service username and password, and make sure all are correctly entered into your router's management page.

A4. Restore the modem router to its factory default settings and reconfigure it by following the instructions in this guide.

A5. If the problem persists, contact our Technical Support.

Q3. What should I do if the DSL LED  does not turn solid on?

A1. Check your cables and make sure they are all plugged in correctly, including the telephone lines and power adapter.

A2. Restore your modem router to its factory default settings.

A3. Remove the DSL splitter, directly connect the modem router to the phone jack and follow this guide to reconfigure the modem router.

A4. Contact your ISP (internet service provider) to check the status of your DSL line. A5. If the problem persists, contact our Technical Support.

Q4. What should I do if I forget my password?

• **For the web management page:**

A1. If you are using a TP-Link ID to log in, click Forgot password on the login page and then follow the instructions to reset it.

A2. Alternatively, restore the modem router to its factory default settings and then set a new password.

• **For the Wi-Fi network:**

A1. The default Wi-Fi Password/PIN can be found on the product label at the bottom of the modem router.

A2. If the default wireless password has been changed, log in to the web management page and go to Basic > Wireless to retrieve or reset your password.

Q5. How do I restore the modem router to its factory default settings?

A1. With the modem router powered on, press and hold the Reset button on the side panel of the modem router for about 5 seconds until all LEDs turn on momentarily, then release the button.

A2. Log in to the web management page of the modem router. Go to Advanced > System Tools > Backup & Restore and click Factory Restore. The modem router will restore and reboot automatically.



To communicate with TP-Link users or engineers, visit <https://community.tp-link.com> to join TP-Link Community.



For technical support, the user guide and more information, please visit <https://www.tp-link.com/support>



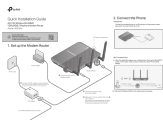
Email techwriter@tp-link.com.cn to give suggestions.

Safety Information

- Do not attempt to disassemble, repair, or modify the device
- If you need service, please contact us.
- Do not use any other chargers than those recommended.
- Do not use damaged charger or USB cable to charge the device.
- Do not use the device where wireless devices are not allowed.
- Adapter shall be installed near the equipment and shall be easily accessible.



Documents / Resources

	<p>tp-link Wireless Telephony Modem Router [pdf] Installation Guide AC2100, VDSL Wireless Modem Router, ADSL Wireless Modem Router, MU-MIMO Wireless Modem Router, Wireless Telephony Modem Router</p>
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References

- [🌐](#)
- [🔗 Flexible USB Sharing - Access and Share files anywhere you are!](#)
- [🌐 Trying to configure the Modem? | TP-Link](#)
- [🔗 TP-Link Community](#)
- [🔗 TP-Link Product Support - Wireless Networking Equipment Support](#)
- [🔗 Support Videos | TP-Link](#)