



Quick Installation Guide

4G LTE Outdoor Router



Setup & Mounting video

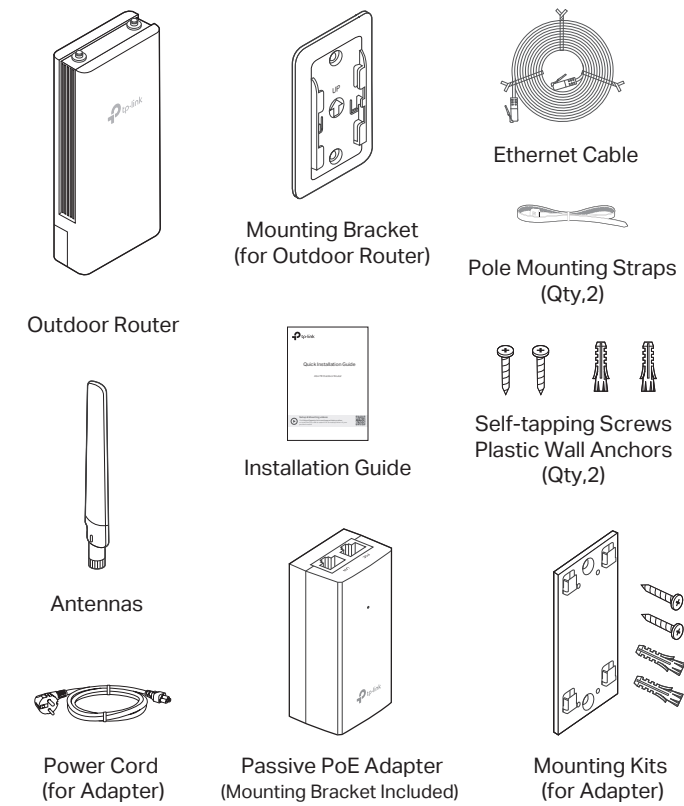
Visit <https://www.tp-link.com/support/setup-video> or scan the QR code to search for the setup video of your product model.



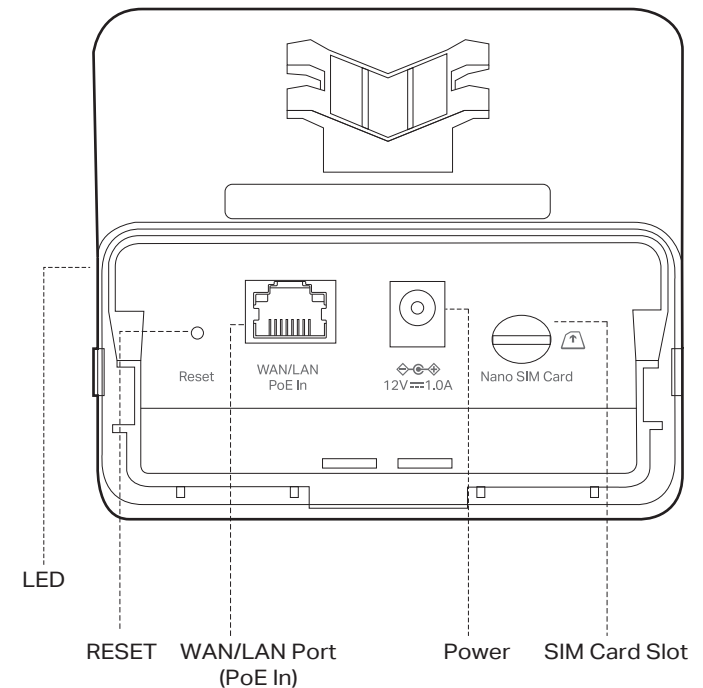
*Images may differ from your actual product.
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1 Overview

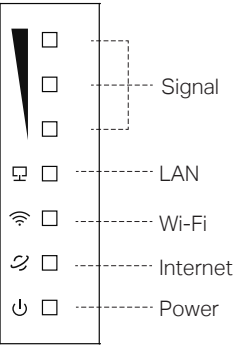
Package Contents



Panel Layout



LED Explanation



LED	Status	Indication
Signal*	3 LEDs On 2 LEDs On 1 LED On All Off	The signal strength is above 75%. The signal strength is between 50% and 75%. The signal strength is below 50%. No mobile network signal.
LAN	On Off	The LAN port is connected. No LAN port is connected or LAN port is not connected properly.
Wi-Fi	On Off	Wi-Fi is enabled. Wi-Fi is disabled.
Internet	On Off	Internet service is available. Internet service is unavailable.
Power	On Flashing Off	The device is powered on and working normally. The device is initializing, RESET or upgrading. The device is powered off.

* More lit LEDs indicates better wireless signal strength.

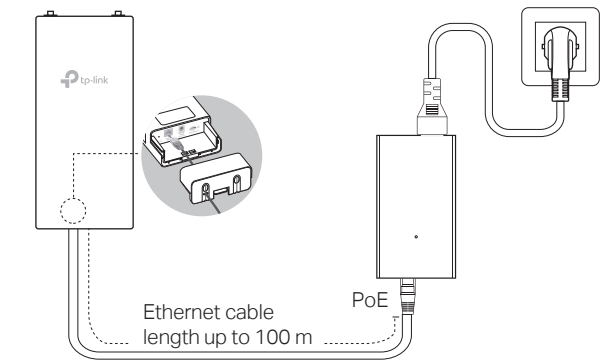
2 Determine the Power Option

The outdoor router can be powered by a power adapter, a passive PoE adapter, a PSE device (such as a PoE switch) which complies with Power Source Class 2 (PS2) or Limited Power Source (LPS) of IEC 62368-1.

Option 1: Via Passive PoE Adapter

Connecting the PoE Adapter

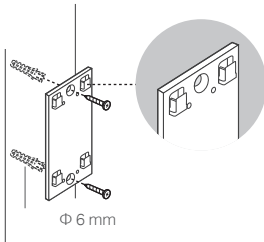
Connect the outdoor router to a Power over Ethernet (PoE) adapter as follows:



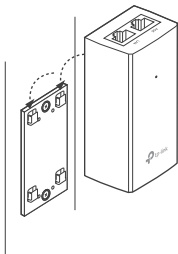
Mounting the PoE Adapter (Optional)

Note: To ensure the passive PoE adapter is attached most securely, it is recommended to install the adapter with the Ethernet port facing upward.

Step 1: Remove the mounting bracket from the passive PoE Adapter. Drill two holes on the wall and insert the plastic wall anchors into the holes. Secure the mounting bracket to the wall. Make sure the shoulders at the corners of the mounting bracket are on the outside and pointing upward.

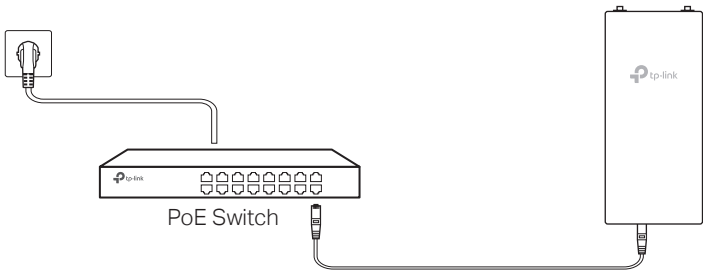


Step 2: Attach the passive PoE adapter to the mounting bracket (for PoE Adapter) by sliding the adapter in the direction of the arrows until it locks into place.



Option 2: Via PoE Switch

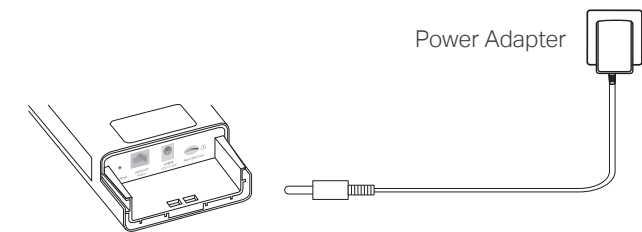
Connect an Ethernet cable from the PoE switch to the Ethernet port.



Option 3: Via Power Adapter

Plug one end of a power cord into the power port of the outdoor router and the other end to a standard electrical wall outlet. The product can only be powered via the normal building installation wiring.

⚠ The power adapter is not provided by TP-Link.

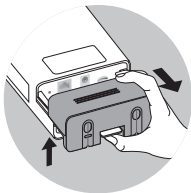


WARNING: Risk of Electric Shock.
For the US: Install the power cord plug only to indoor socket-outlets or to a covered Class A GFCI receptacle that has an enclosure that is weatherproof with the attachment plug cap inserted or removed.
For other regions: Install the power cord plug only to indoor socket-outlets or to outdoor socket-outlets with an enclosure which can be waterproof with the attachment plug cap inserted or removed.

3 Waterproof Your Router

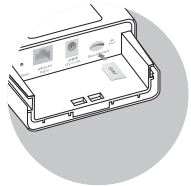
Step 1:

Gently lift the tab on the waterproof cover with your thumb, while holding the waterproof cover with your hand. Pull outward to detach the waterproof cover.



Step 2:

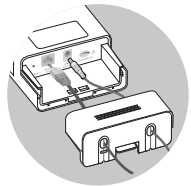
With the gold contacts facing down, insert the nano SIM card into the slot until you hear a click.



Step 3:

Connect an Ethernet cable and/or a power cord according to your network needs.

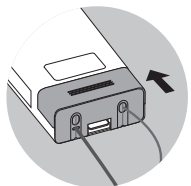
- **PoE-powered:** Ethernet cable only
- **DC-powered:** Wireless: Power cord only
Wired: Ethernet cable + Power cord



Step 4:

Replace the waterproof cover, leading the cable(s) through the slot(s) of the waterproof rubber.

⚠ Adjust the flat Ethernet cable to the horizontal flat slot for better waterproof.



4 Mount Your Router

Before You Start

Check the following LEDs' status. If the Internet LED  is on, your outdoor router is connected to the internet successfully.

 Power On  Internet On  Wi-Fi On

Note: If the Network LED  does not turn on, please refer to Q2 of **Need Help?** in this guide.

For better Internet connectivity, make sure **2** or **3** LEDs of the Signal LED are lit. Otherwise, try relocating the router to a spot where a stronger mobile network signal can be received.

Option 1: Pole Mounting

Step 1:

Connect the antennas to the router. For optimal LTE performance, adjust the direction of the antennas. It is recommended to keep the antennas vertical.

Step 2:

Lead the end of the pole mounting strap through the back of the router.

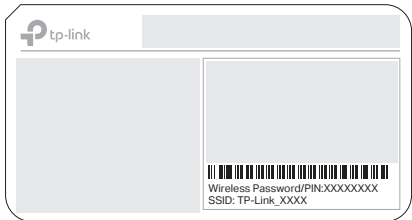
Step 3:

Position the router and wrap the pole mounting strap around the pole. Feed the end through the screw-block and tighten the strap until the router is secure.

 The outdoor router can only be used in upright direction as shown in the image.

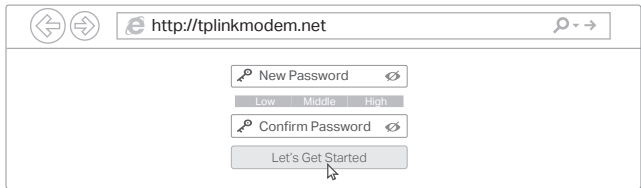
Method TWO: Via a Web Browser

1. Connect your computer to the router wirelessly or via an Ethernet cable.
The default wireless network names (SSID) and password are printed on the label at the back of the router.
Note: For a dual-band or tri-band router, there may be two or three SSIDs.



2. Launch a web browser and type in **http://tplinkmodem.net** or **http://192.168.1.1**. Create a password to get started.

Note: If the login page does not appear, please refer to Q1 of **Need Help?** in this guide.



3. Follow the step-by-step instructions of the **Quick Setup** to complete the initial configuration.

 **Enjoy the internet !**

Option 2: Wall Mounting

Step 1:

Connect the antennas to the router. For optimal LTE performance, adjust the direction of the antennas. It is recommended to keep the antennas vertical.

Step 2:

Place the mounting bracket in the right position. Mark two positions for the screw holes .

Drill two 6 mm diameter holes for the screws at the marked positions.

Step 3:

Insert the plastic wall anchors into the holes. Align the bracket to the plastic wall anchors and drive the self-tapping screws into the anchors through the bracket.

Step 4:

Align the mounting tabs on the back of the router with the slot of the mounting bracket . Push and slide the router downward until it locks into place.

 The outdoor router can only be used in upright direction as shown in the image.

Need Help?

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

- If the computer is set to a static IP address, change its settings to obtain an IP address automatically.
- Make sure **http://tplinkmodem.net** or **http://192.168.1.1** is correctly entered in the web browser.
- Use another web browser and try again.
- Reboot your router and try again.
- Disable and enable the active network adapter in use.

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

- Verify that your SIM card is an LTE or WCDMA card.
- Verify that your SIM card is in your internet service provider's service area.
- Verify that your SIM card has sufficient credit.
- Check the LAN connection: Open a web browser and enter **http://tplinkmodem.net** or **http://192.168.1.1** in the address bar. If the login page does not appear, refer to Q1 and then try again.
- Launch a web browser, log in to the web management page, and check the following:
 - 1) Go to **Advanced > Network > Mobile WAN** to verify the parameters provided by your ISP are correctly entered. If the parameters are incorrect, click **Create Profile** and enter the correct parameters, then select the new profile from the **Profile Name** list.
 - 2) Go to **Advanced > Network > PIN Management** to verify if PIN is required. If it is, enter the correct PIN provided by your ISP, and click **Save**.
 - 3) Go to **Advanced > Network > Data Settings** to verify if the **Total/Monthly Used** exceeds the **Total/Monthly Allowance**. If it does, click **Correct** and set **Total/Monthly Used** to 0 (zero), or disable **Data Limit**.
 - 4) Go to **Advanced > Network > Mobile WAN** to verify that **Mobile Data** is enabled. If it is not, enable it to access the internet.
 - 5) Confirm with your ISP if you are in a roaming service area. If you are, go to **Advanced > Network > Mobile WAN** to enable **Data Roaming**.

Option 3: Window Mounting

Step 1:

Tear off the release paper of double-sided adhesive tape and stick the bracket on the window. Please apply slight pressure to ensure a stronger bond.

Step 2:

Align the mounting tabs on the back of the router with the slot of the mounting bracket. Push and slide the router downward until it locks into place.

Tips for Window Mounting

- Avoid air bubbles by applying enough pressure for at least 10 seconds.
- It is recommended that mounting on a window not be done on a wet or rainy day.
- Ensure that the selected window is clean, smooth and dry (a surface without ice, dust, oil or separating agents is recommended).
- Ideal tape application is accomplished when temperature is 21°C -38°C (70°F-100°F) and the bond is allowed to dwell 72 hours. Initial tape application to surfaces at temperatures below 10°C (50°F) is not recommended.

 The outdoor router can only be used in upright direction as shown in the image.

Q3. How do I restore the router to its factory default settings?

- With the router powered on, press and hold the **Reset** button on the bottom panel of the router until the Power LED starts flashing, then release the button. Wait while the router resets.
- Log in to the web management page of the router, and go to **Advanced > System Tools > Backup & Restore**, click **Factory Restore** and wait until the reset process is complete.

Q4. What should I do if I forget my web management page password?

- 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.
- Alternatively, refer to **Q3** to reset the router, then create a new password to log in.

Q5. What should I do if I forget my wireless network password?

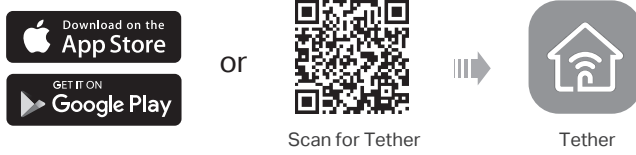
- The default wireless password is printed on the product label of the router.
- Connect a computer directly to the router via an Ethernet cable. Log in to the router's web management page and go to **Basic > Wireless** to retrieve or reset your wireless password.

 For technical support, replacement services, user guides and more, please visit **<https://www.tp-link.com/support>**

5 Set Up Your Router

Method ONE: Via TP-Link Tether App

1. Download the TP-Link Tether app.



2. Open the Tether app and log in with your TP-Link ID.

Note: If you don't have an account, create one first.

3. Tap the **+** icon in the Tether app and select **Add a Router**. Follow the steps to complete the setup and connect to the internet.

Note: Due to Tether app updates, your actual user interface and pathway may differ from those depicted here.

 **Enjoy the internet !**

To enjoy a more complete service from TP-Link, bind your TP-Link ID to the router.



Safety Information

- Keep the device away from fire or hot environments. DO NOT immerse in water or any other liquid.
- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
- Do not use the device where wireless devices are not allowed.
- Do not use damaged charger or USB cable to charge the device.
- Do not use any other chargers than those recommended.
- Adapter should be used indoors where the ambient temperature is lower than or equal to 40°C.
- Adapter shall be installed near the equipment and shall be easily accessible.
- The outdoor router can be used either indoors or outdoors.
- Before mounting your router outdoors, waterproof it to ensure device safety and performance.
- The waterproof cover must be secured before use!
- The product can only be installed by instructed person or skilled person!
- The plug on the power supply cord is used as the disconnect device, the socket-outlet shall be easily accessible.
- Use only power supplies which are provided by manufacturer and in the original packing of this product. If you have any questions, please don't hesitate to contact us.
- Operating Temperature: -30°C-60°C (-22°F-140°F).

EU Declaration of Conformity

TP-Link hereby declares that 4G LTE Outdoor Router is in compliance with the essential requirements and other relevant provisions of directives 2014/53/EU, 2009/125/EC, 2011 /65/EU and (EU) 2015/863. The original EU declaration of conformity may be found at <https://www.tp-link.com/en/support/ce/>

UK Declaration of Conformity

TP-Link hereby declares that 4G LTE Outdoor Router is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Regulations 2017. The original UK declaration of conformity may be found at <https://www.tp-link.com/support/ukca/>

