



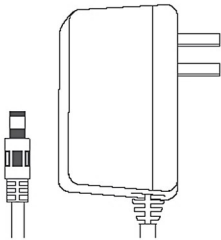
Quick Start

AllWaveNet Fusion F67 5G Wi-Fi 6 Indoor+Outdoor CPE Kit
V1.0

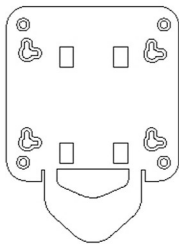
Packing List



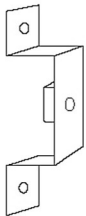
CPE
(Outdoor Unit)



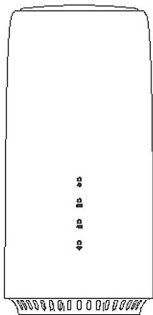
Power Adapter
(varies by region)



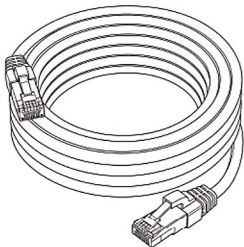
Wall Mount Plate
(Optional)



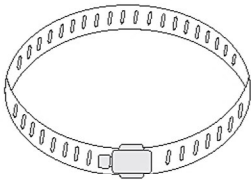
Metal Mounting Bracket
(Optional)



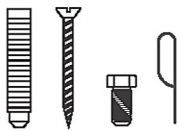
Router
(Indoor Unit)



Ethernet Cable

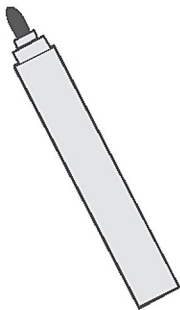


Metal Hose Clamp

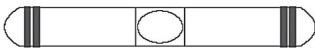


Expansion Screws x4
Bracket Screws x2
Short Screws x4
SIM Ejector Pin x1

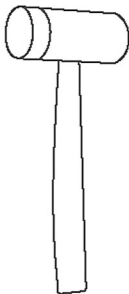
Tools for installing the CPE on the wall:



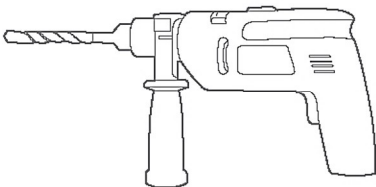
Pen



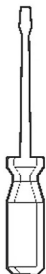
Spirit level



Hammer

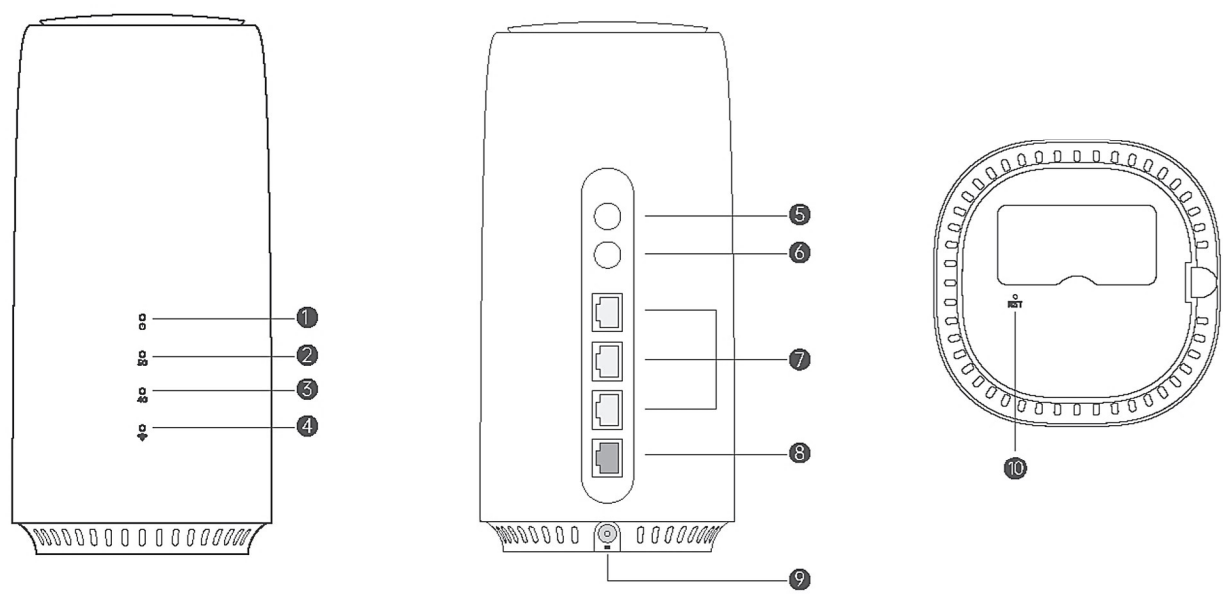


Hammer drill



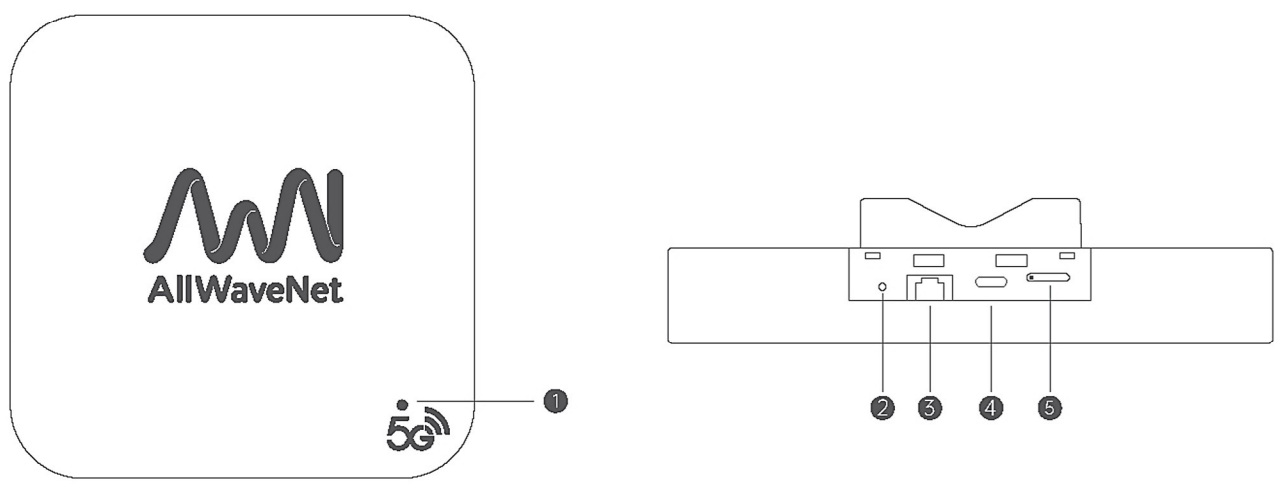
Screwdriver

Product Overview (Router)



① System LED	② 5G Status LED	③ 4G Status LED
④ Wi-Fi LED	⑤ Power Button	⑥ Multi-function Button
⑦ 1G Ports	⑧ 2.5G CPE (PoE OUT)	⑨ DC Jack
⑩ Reset Button		

Product Overview (CPE)



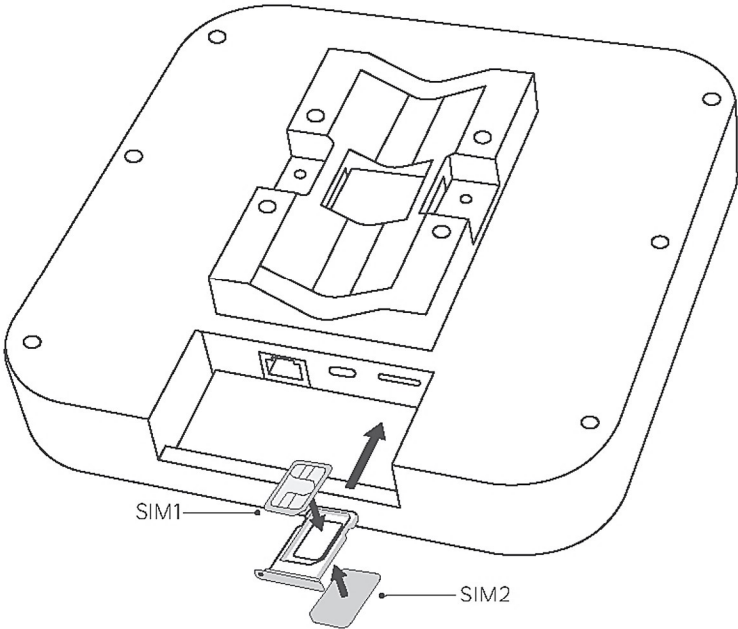
① Power LED	② Reset Button	③ 2.5G Port (PoE IN)
④ USB-C(Debug only)	⑤ Dual SIM Card Slots	

Installation and Configuration

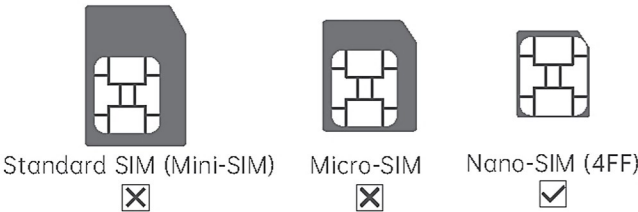
Install and configure as follows:

Step	Operation
1	Install the SIM Card
2	Connect and power on power adapter
3	Detect Signal Strength
4	Determine CPE Installation Location
5	Install the CPE (Outdoor Unit)
6	Route the Ethernet Cable through a window or wall
7	Connect to the Router (Indoor Unit)
8	Access the Internet by connecting devices to the Router via Wi-Fi or an Ethernet Cable

01 Install the SIM Card



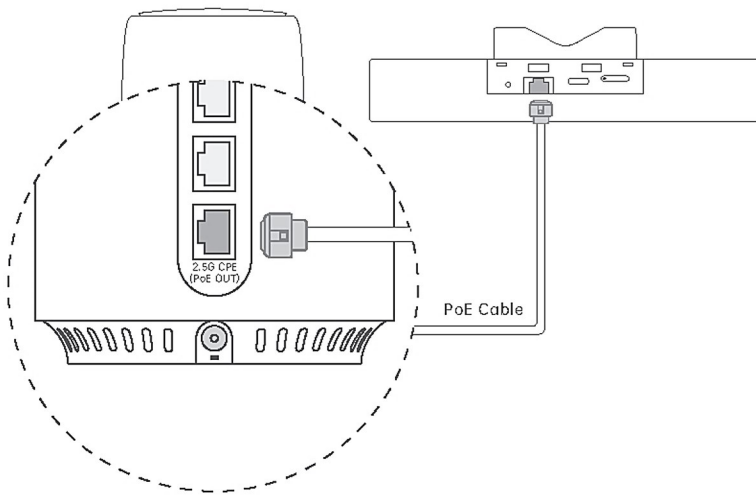
SIM Card Size Reference:



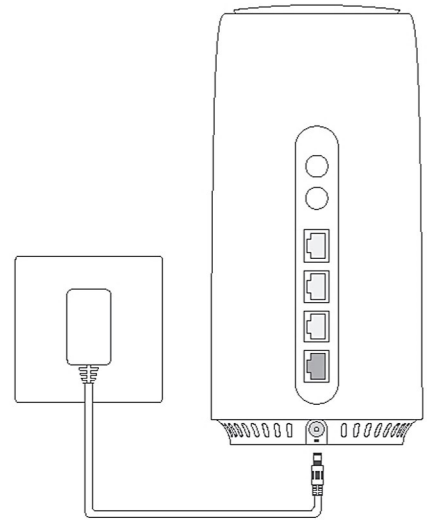
[Warning] Hot-swapping is strictly prohibited. Ensure the device is powered off before inserting or removing the SIM card.

02 Connect and power on power adapter

2.1 Connect the Ethernet Cable from Router to CPE



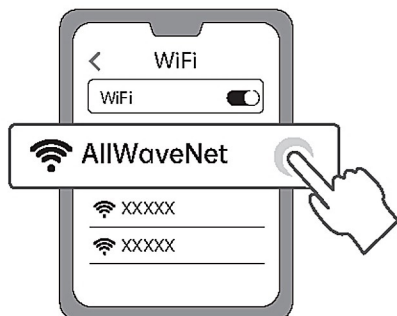
2.2 Connect the power adapter to the Router and the power supply



The Router and CPE will automatically power on and search for available mobile networks. If the 5G or 4G indicator status is lit up in any of the following ways, it indicates that the Router has successfully connected to the Internet.

03 Detect Signal Strength

3.1 Use your phone or PC connects to Wi-Fi SSID starting with AllWaveNet (default password: 12345678).



3.2 Open the browser on the phone or PC and log in to the Router's web-based management page. Find the default IP address and password on the nameplate of the Router.



3.3 Change the default Wi-Fi name, password, and login password as prompted. After the Wi-Fi name and password are changed, you will need to reconnect the phone or PC to the Router's Wi-Fi network again.



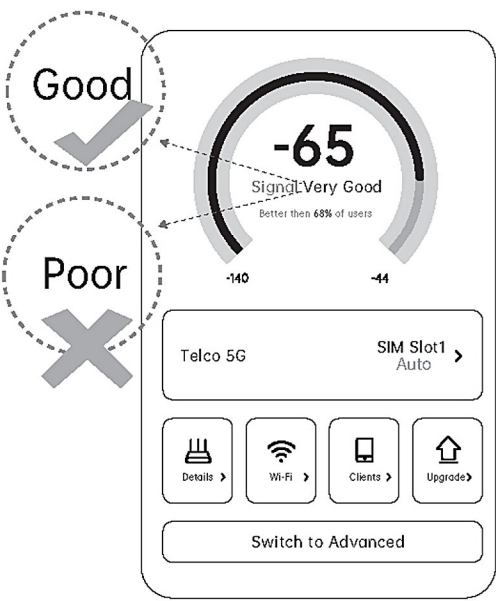
04 Determine CPE Installation Location

Measure the signal strengths at the recommended installation positions following the instructions, and find the location with the optimal signal strength.



The CPE can be installed on a pole or wall, and must be within the 45-degree protection angle of the lightning rod. It is recommended that the CPE be installed in a well-ventilated place. Please avoid installing the CPE in a corner connecting two walls, or in a location with a nearby heat source (such as an outdoor air conditioner unit or chimney).

You can check the current cellular signal strength (RSRP value) in real time via the device management interface or the App. This value is a key indicator of 5G network quality. To achieve the best 5G CPE experience, place the device in a location with optimal signal strength by referring to this value.



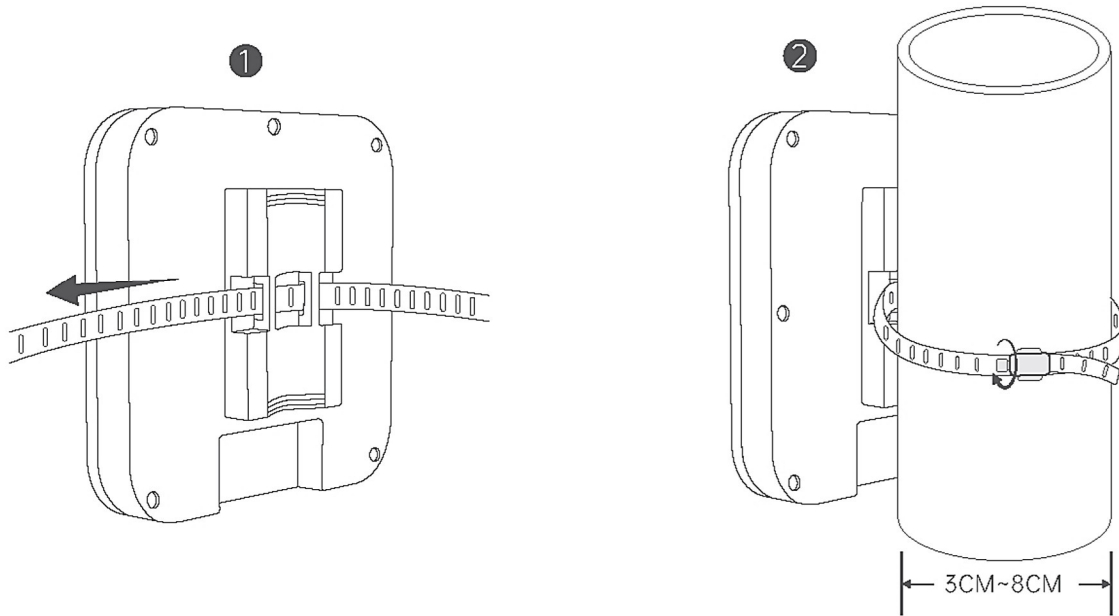
Signal Strength Reference:

Excellent	Signal ≥ -60 dBm	Fantastic! Your signal is far ahead!
Very Good	Signal ≥ -80 dBm	Your signal is very good, better than 60% of users!
Good	Signal ≥ -90 dBm	Your signal is good, better than 50% of users!
Fair	Signal ≥ -100 dBm	Your signal is fair, but you can still surf the internet normally!
Poor	Signal ≥ -110 dBm	Your signal is poor, affecting device performance. Please optimize!
Very Poor	Signal < -110 dBm	Your signal is unacceptable! Please improve immediately!

05 Install the CPE (Outdoor Unit)

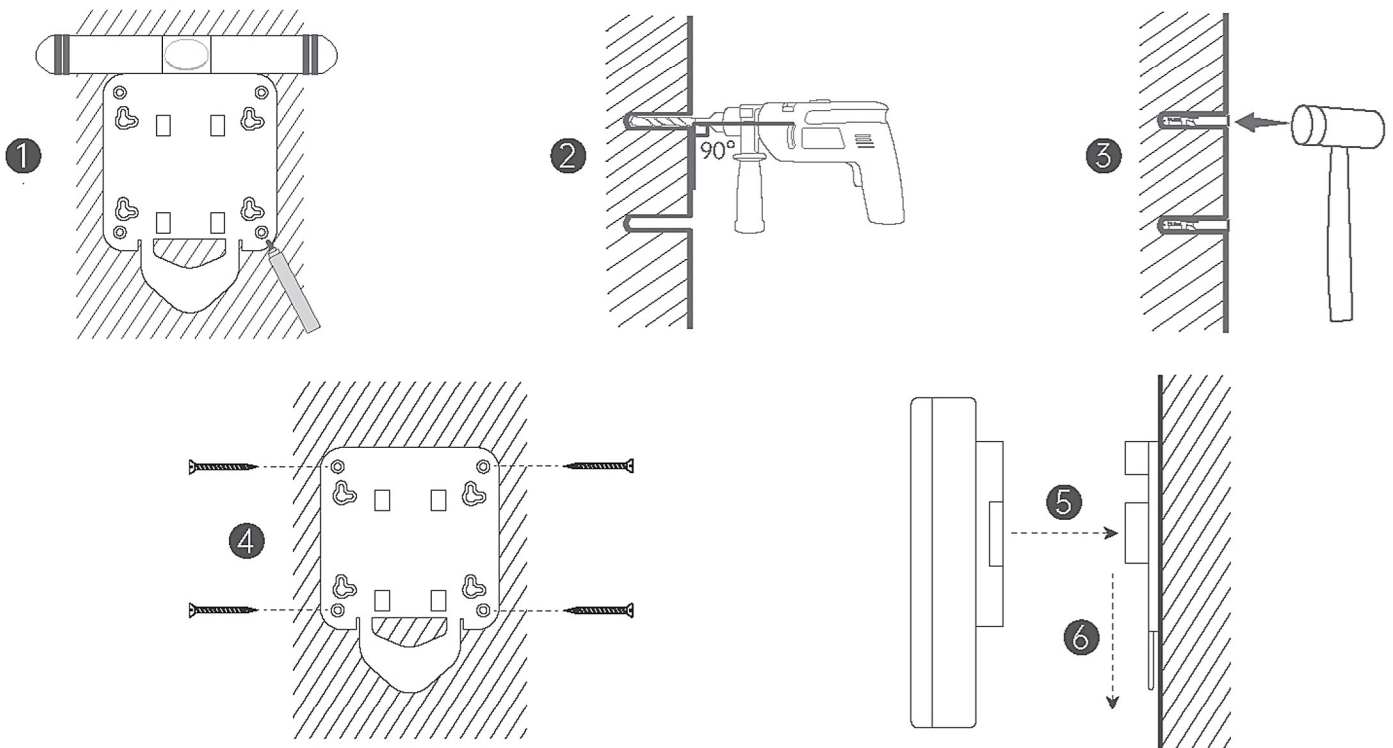
The CPE can be installed on a pole, wall or tripod. Perform the corresponding steps based on the place where it will be installed.

Method 1: Install the CPE on a pole



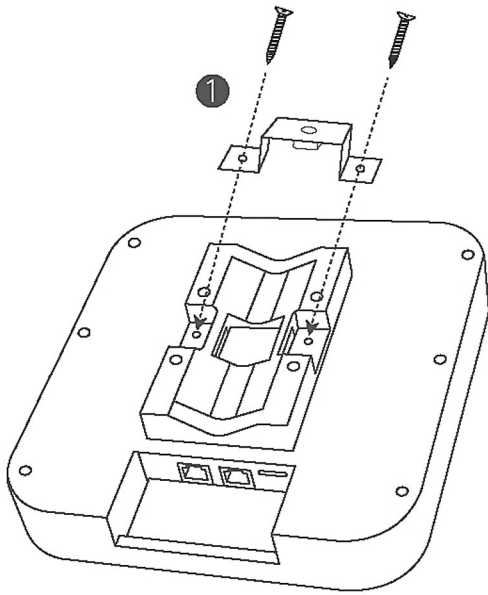
As shown in the figure, thread the metal hose clamp through the cable hole on the CPE, then tighten and secure it to the pole.

Method 2: Install the CPE on a wall

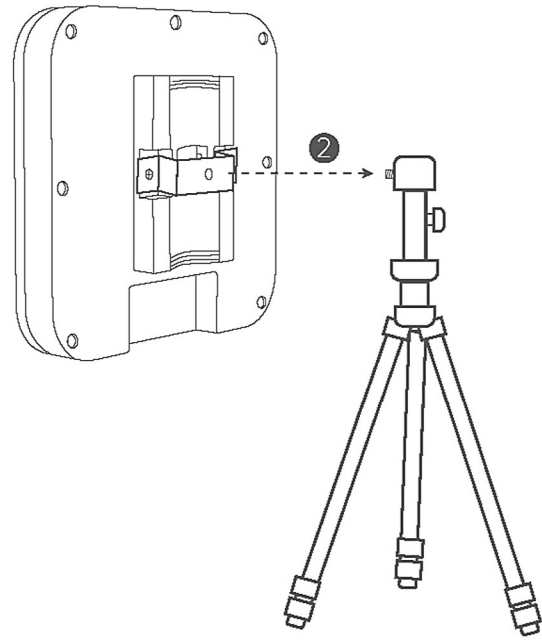


i Install the CPE vertically on the base. Make sure that the network cable hangs naturally around the network port. If the CPE is placed upside down or inclined, water may enter the CPE and damage it. The lowest point of the outdoor ethernet cable cannot be the network port on the CPE or the place where the network cable routes indoors. Otherwise, water may enter into the CPE network port or the room indoors.

Method 3: Installing the CPE on a Tripod



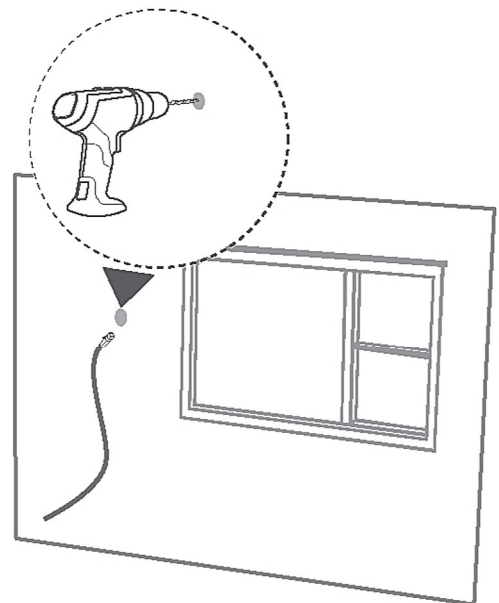
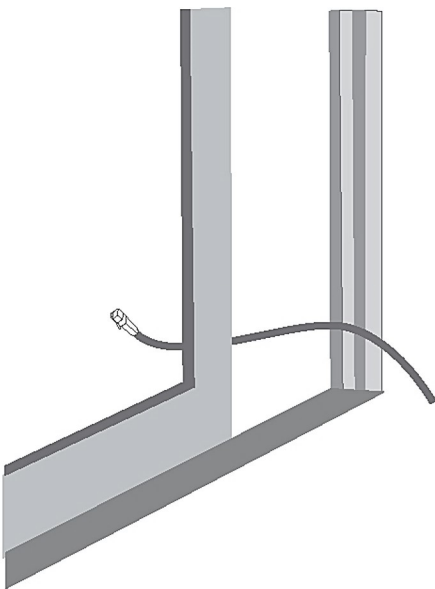
1. Secure the metal mounting bracket to the CPE using screws.



2. Align the center screw hole of the metal bracket with the tripod screw and tighten.

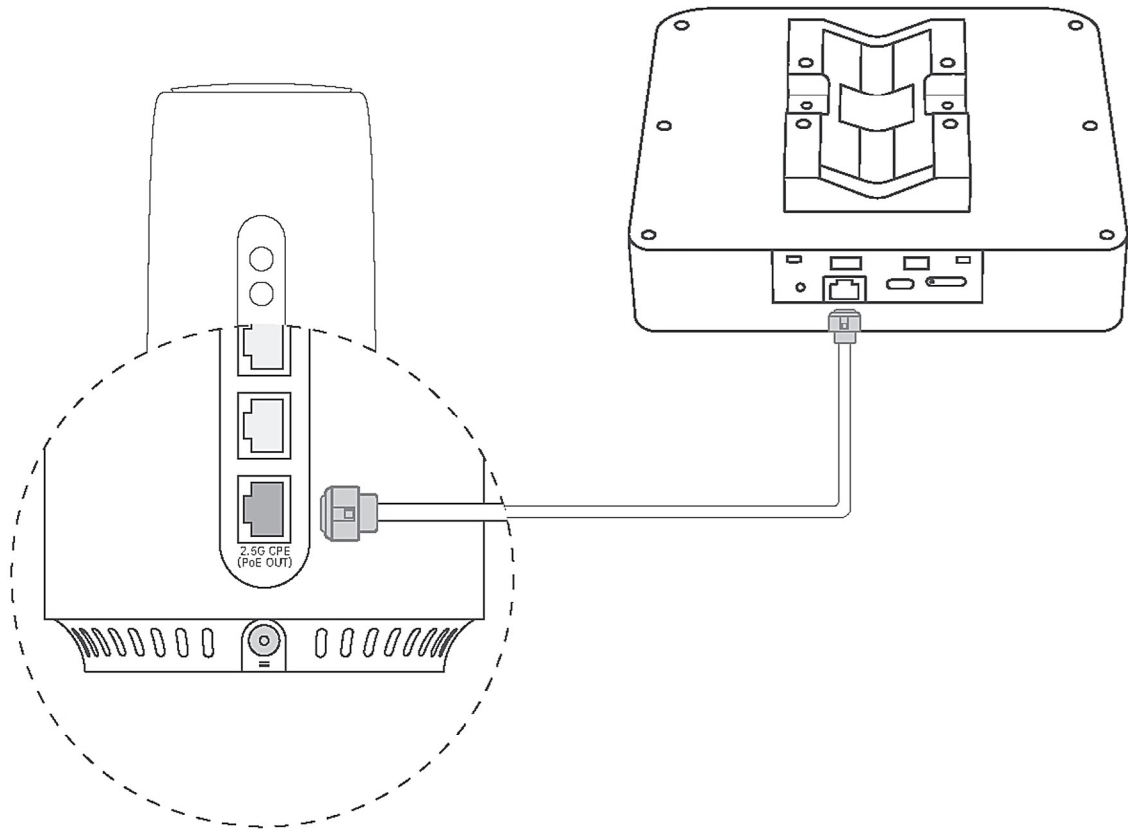
i The screw hole on the metal bracket is of standard size, compatible with most tripods on the market.

06 Route the Ethernet Cable through a window or wall.

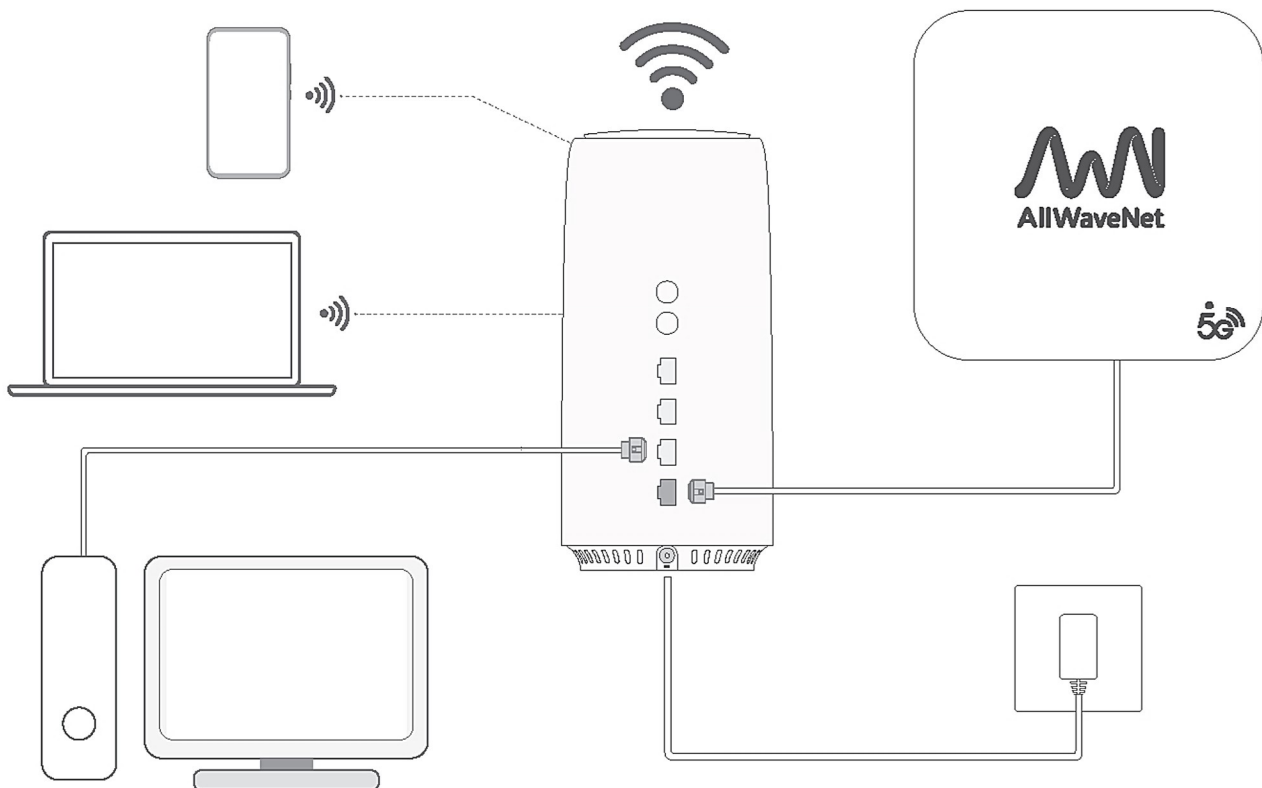


If you choose to route the ethernet cable through a gap around the window, ensure that the window frame is protected by a soft rubber strip. Close the window slowly and gently to prevent the network cable from being damaged due to excessive pressure.

07 Connect to the Router (Indoor Unit)



08 Access the Internet by connecting devices to the Router via Wi-Fi or an Ethernet Cable.



FAQs

1. Why am I unable to find the Wi-Fi network of the Router?

You may be too far away from the Router. Move closer to the Router and try connecting to the Wi-Fi again.

2. How do I restore the Router and CPE to its factory settings?

Connect the Router to the power adapter and power on the power adapter. Wait until the indicator on the Router lights up steadily. Press and hold the Reset button with a needle-shaped tool for more than 5 seconds until the indicator on the Router flashes. After the Router is restored to its factory settings, its configuration parameters are cleared. You will need to reconfigure the Router.

Safety Warnings

1. Do not use the product if it has been submerged in water.

2. Keep this product out of the reach of children.

3. Use of unapproved or incompatible power adapters is strictly prohibited, as it may result in fire, explosion, or other hazards.

4. If consumers use a power adapter for power supply, they shall use a power adapter that complies with applicable local regulatory standards.

5. Do not use this product during thunderstorms to avoid product malfunction or electric shock hazards.

Disposal and recycling information



This symbol (with or without a solid bar) on the device, batteries (if included), and/or the packaging, indicates that the device and its electrical accessories (for example, a headset, adapter, or cable) and batteries should not be disposed of as household garbage. These items should not be disposed of as unsorted municipal waste and should be taken to a certified collection point for recycling or proper disposal.

For more detailed information about device or battery recycling, contact your local city office, household waste disposal service, or retail store.

Disposal of the device and batteries (if included) is subject to WEEE Directive Recast (Directive 2012/19/EU) and Battery Directive (Directive 2006/66/EC). The purpose of separating WEEE and batteries from other waste is to minimize the potential environmental impacts and human health risk of any hazardous substances that may be present.