



Quick Installation Guide

Dual-Band Gigabit Wi-Fi Range Extender A33



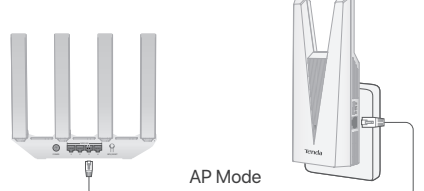
Video and More Info

Scan the QR code or visit www.tenda.cn for installation videos, technical specifications, user guides, Symbols on Products and Materials and more information.

You can see the product name and model on the product label. The label can be found on the back of the device.

Product Introduction

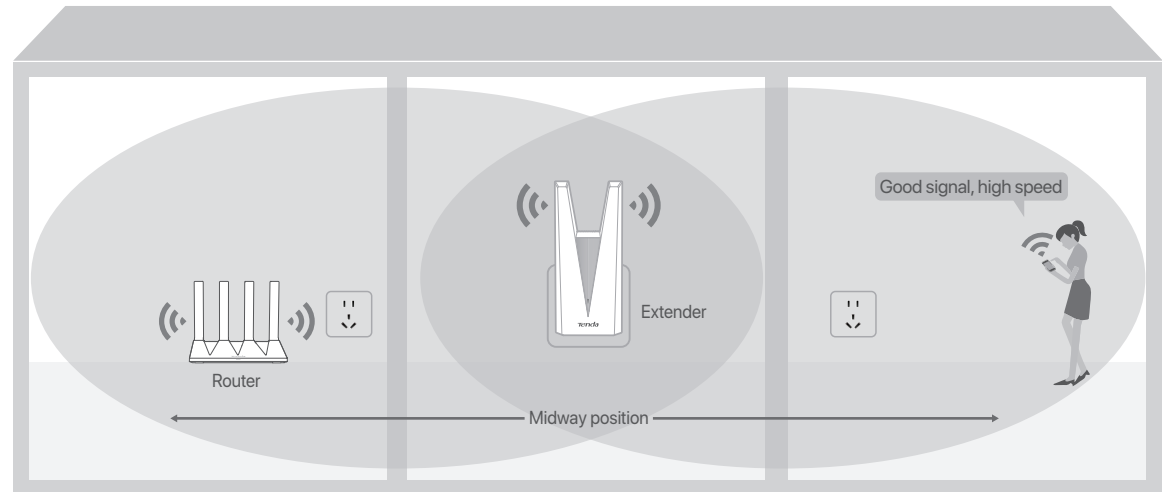
The extender supports both wireless and wired extension. If you have Ethernet cables deployed in your home, it is recommended to use the **AP Mode**. Otherwise, opt for the **Wireless Extension**. Choose the extension type as required, and refer to the following section for configuration.

	Wireless Extension	AP Mode
Extension Type	The extender connects to the upstream router through Wi-Fi and extends the router's Wi-Fi coverage.	The extender connects to the upstream router through an Ethernet cable and converts the router's wired network to Wi-Fi.
Scenario	Rooms requiring Wi-Fi coverage without Ethernet cables deployed.	Rooms requiring Wi-Fi coverage with Ethernet cables deployed.
Features	1. It is recommended to select 5 GHz Wi-Fi for extension, achieving better experience. 2. After successful wireless extension, the dead zone will be covered by Wi-Fi, and the Ethernet port can be used to provide wired network access for devices such as set-top boxes, computers, and TVs.	After successful wired extension, high-speed and stable Wi-Fi network access can be provided for smartphones, tablets, and smart devices.
Diagram	 Wireless Extension	 AP Mode

Wireless Extension

1. Select the extender location

Place the extender midway between the router and the Wi-Fi dead zone to ensure stable signal reception and effective area coverage.



Recommended: Place the extender midway between the router and the Wi-Fi dead zone.

*Ensure your phone can connect to the router's 5 GHz Wi-Fi and access the internet.

2. Set Up the Extender

Method 1: Via Smartphone Web Browser (Recommended)

1

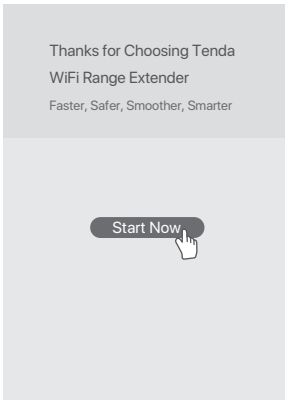


Connect your phone to the extender's default Wi-Fi: Tenda_EXT

*If **The WLAN is not connected to the Internet** appears, select **Use Without Internet** to continue.

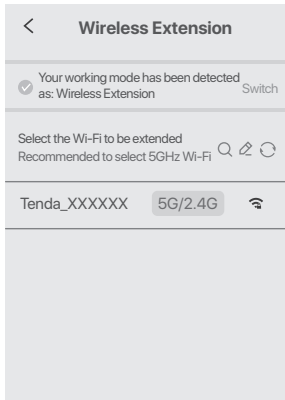
*Ignore **Unsecured Network** prompt.

2



The welcome page appears automatically. If not, disable cellular data and visit re.tenda.cn in your browser.

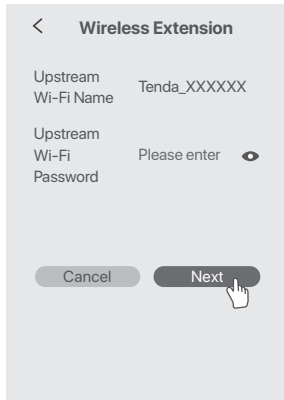
3



Select the router's Wi-Fi to extend.

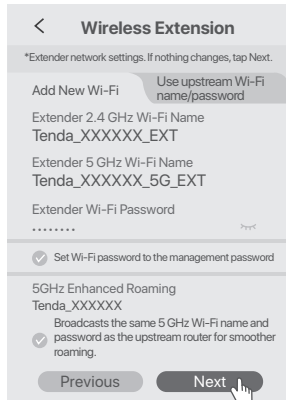
Tips
Dual-band extension is supported: If the main router provides dual-band Wi-Fi, you can select either band to extend (5 GHz is recommended). The extender will automatically use the same Wi-Fi password to extend the other band.

4

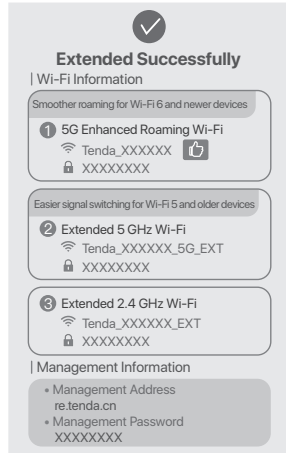


Enter the Wi-Fi password of the router, and tap **Next**.

5



Set the Wi-Fi name, Wi-Fi password and management password of the extender as required. If nothing changes, tap **Next**.

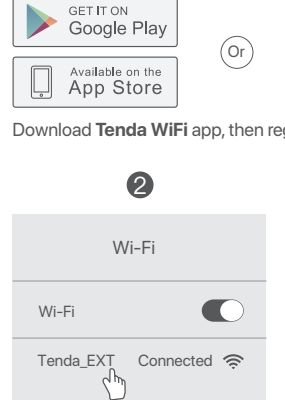


A solid LED indicates successful extension. If the indicator is yellow or red, move the extender closer to the router until it turns solid green. Using 5 GHz Wi-Fi is recommended.

*If the indicator remains solid yellow when placed near the router, see **FAQ > Q8**.

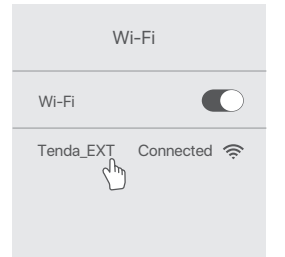
Method 2: Via Tenda WiFi App

1



Download **Tenda WiFi** app, then register and log in.

2

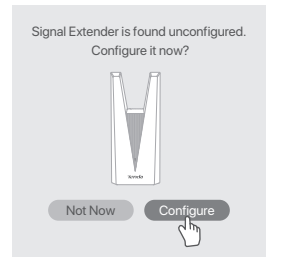


Connect your phone to the extender's default Wi-Fi: Tenda_EXT

*If **The WLAN is not connected to the Internet** appears, select **Use Without Internet** to continue.

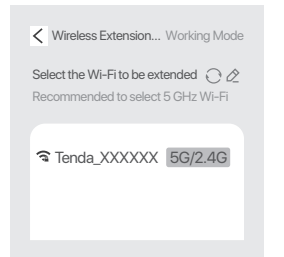
*Ignore **Unsecured Network** prompt.

3



Signal Extender is found unconfigured. Configure it now?

4



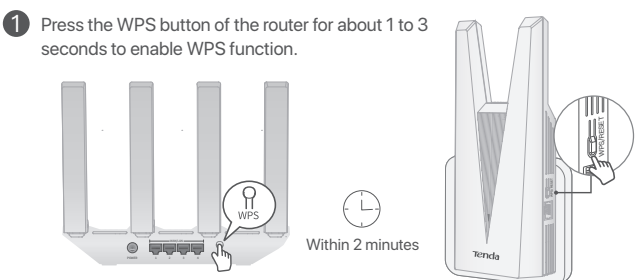
Select the Wi-Fi to extend, then follow the setup wizard to configure the extender (refer to steps 3 - 5 in Method 1).

*Bind the extender to enable remote management.

Method 3: Via WPS Button

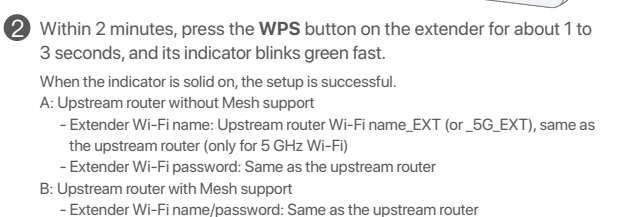
- Tips**
- Ensure that the router has a WPS button and is using WPA2-PSK, WPA/WPA2-PSK, or WPA3-SAE/WPA2-PSK encryption.
 - The WPS design may differ with different manufacturers. If this method fails, use another method to configure.
 - The extender can form a Mesh network with Tenda Wi-Fi+ Mesh or EasyMesh-compatible routers.

1



Press the WPS button of the router for about 1 to 3 seconds to enable WPS function.

2



Within 2 minutes, press the **WPS** button on the extender for about 1 to 3 seconds, and its indicator blinks green fast.

When the indicator is solid on, the setup is successful.

A: Upstream router without Mesh support

- Extender Wi-Fi name: Upstream router Wi-Fi name_EXT (or _5G_EXT), same as the upstream router (only for 5 GHz Wi-Fi)
- Extender Wi-Fi password: Same as the upstream router

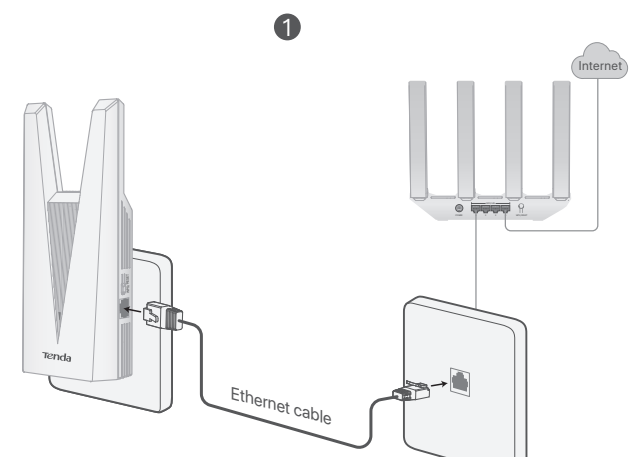
B: Upstream router with Mesh support

- Extender Wi-Fi name/password: Same as the upstream router

Wired Extension

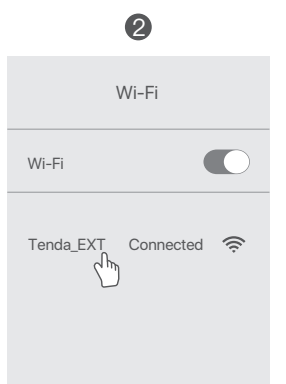
Ensure Ethernet cables are installed in areas where Wi-Fi coverage is needed and internet access is available. For in-wall wiring, use the included Ethernet cable.

1



Connect the extender's Ethernet port to a wall Ethernet jack (with internet access) using an Ethernet cable. When the indicator turns from blinking green to solid green, the connection is established.

2



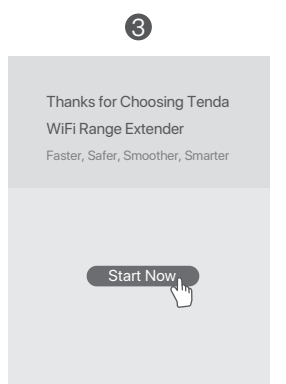
Connect your phone to the extender's default Wi-Fi: Tenda_EXT

*If **The WLAN is not connected to the Internet** appears, select **Use Without Internet** to continue.

*Ignore **Unsecured Network** prompt.

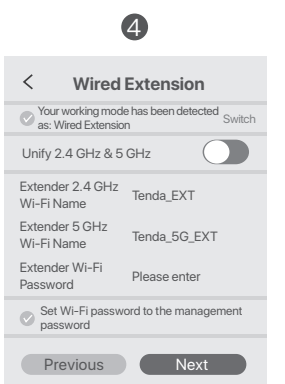
*If you don't see **Tenda_EXT**, the extender may already be connected in a Mesh network. In this case, it uses the same Wi-Fi name and password as your router.

3



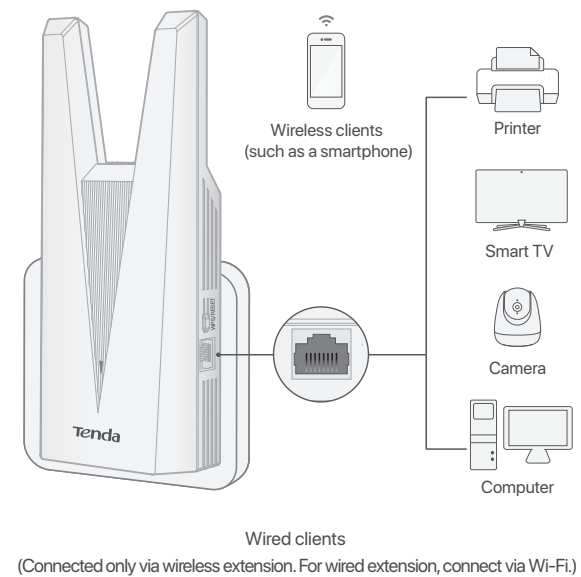
The welcome page appears automatically. If not, disable cellular data and visit re.tenda.cn in your browser.

4



Set the Wi-Fi name, Wi-Fi password and management password of the extender. Tap **Next**.

Connect Extender to the Internet

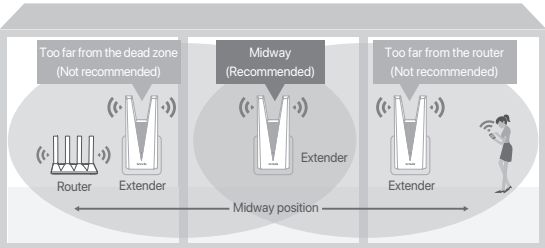


Wired clients
(Connected only via wireless extension. For wired extension, connect via Wi-Fi.)

FAQ

Q1. Unable to find the Wi-Fi name of the extender Tenda_EXT
Before extension:
The extender’s default Wi-Fi name is **Tenda_EXT**.
After extension:
A: Wireless extension: After extension, the extender may use the same Wi-Fi name as the upstream router, or Router Wi-Fi Name_EXT (or _5G_EXT).
B: Mesh Networking: After a successful Mesh setup, the extender uses the same Wi-Fi name as the upstream router.
*The extender can form a Mesh network with Tenda Wi-Fi+ Mesh or EasyMesh-compatible routers, automatically syncing the Wi-Fi name and password.

Q2. Slow speeds when using the extender's Wi-Fi
– The extender may be improperly positioned.
• If placed too far from the dead zone, the extender's Wi-Fi cannot cover the area, leaving no signal in the dead zone.
• If placed too far from the router, the extender cannot receive a stable Wi-Fi signal to extend.
– Reposition the extender midway between the router and the dead zone for optimal performance.



Q3. Unable to log in to the web UI of the extender
Start with the following solutions:
– Visit <http://re.tenda.cn> in your browser.
– If you are using a smartphone, ensure that mobile data is disabled.
– Clear browser cache.
If the problem persists, try the following solutions:
Before extension:
– If you are using a wireless device, such as a smartphone, ensure that your smartphone is connected to the Wi-Fi of the extender: **Tenda_EXT**.
– If you are using a wired device, such as a computer, ensure that your computer is set to **Obtain an IP address automatically** and **Obtain DNS server address automatically**.
– Reset the extender and log in again.
After extension:
– If you are using a wireless device, ensure that your device is connected to the Wi-Fi of the extender. If the Wi-Fi name of the extender is the same as the upstream router, stand near the extender and connect to its Wi-Fi (the extender should not be too close to the router, or temporarily power off the router).
– If you are using a wired device, such as a computer, ensure that your computer is set to **Obtain an IP address automatically** and **Obtain DNS server address automatically**.

Q4. How to switch modes after Mesh networking
Restore the extender to factory settings first, then set it up again.
*If an Ethernet cable is connected, unplug it before resetting the extender to factory settings.

Q5. After wireless extension (the indicator is solid on), speeds through the extender may be lower than when connected directly to the router
Some speed loss is normal due to signal attenuation and does not affect normal use. To maximize the extension effect, ensure that the extender indicator stays solid green, and reduce obstacles between the extender and the router. If your home has Ethernet wiring, switch to wired extension by connecting the extender to the router using an Ethernet cable.

Q6. Mesh networking failed
– For wireless setup, place the extender closer to the router (within 5 meters and no thick walls in between), then try again.
– The extender supports networking with EasyMesh-compatible routers across different brands. If networking fails, the upstream device may not fully support the standard EasyMesh protocol.
A: If you can access the internet through the extender Wi-Fi (**Tenda_EXT**), connect to it and access the extender management page. Then follow the setup wizard to change the Wi-Fi name and password.
B: If the internet connection is unavailable, restore the extender to factory settings and access the management page. Then set up wireless extension mode again as described in **Method 1**.

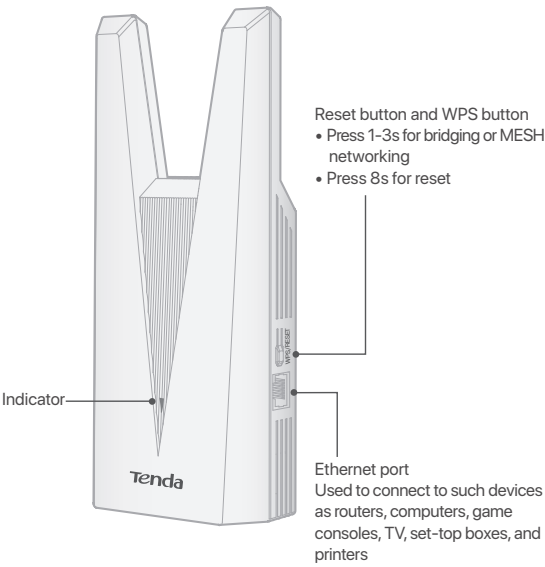
Q7. How to orient the extender
– For large single-floor homes: Install the extender into a wall outlet and keep it upright to the floor.
– For multi-floor homes: Install the extender into a horizontally placed power strip and keep it parallel to the floor.

Q8. After wireless extension, the extender indicator stays solid yellow
– When extending 5 GHz Wi-Fi, move the extender closer to the router until the indicator turns solid green.
– When extending only 2.4 GHz Wi-Fi, the indicator may stay solid yellow even near the router. This is expected.

Q9. Unable to find the 5 GHz enhanced roaming Wi-Fi
If your phone cannot find the extended 5 GHz Wi-Fi after setup, it may be because you are too far from the extender or there are too many walls in between. Try moving the extender closer to the area with weak Wi-Fi signal and ensure the indicator stays solid green. If the extender cannot be moved, use the extender’s 2.4 GHz Wi-Fi for internet access instead.

Q10. How to reset the extender
When the extender completes startup, press the **RESET** button for about 8 seconds.
When the indicator blinks red fast, the extender is restored to factory settings.

Appearance



Scenario	Status	Description
Start up	Solid green for 30 seconds	Power on and starting up
	Blinking green slowly	Startup complete
Network extension	Solid on	Extension success – Green: Proper position. – Yellow: Fair position. Move the extender closer to the router (see Q8 for details). – Red: Too far from the router.
	Blinking green fast	WPS connection or Mesh networking in progress (valid for 2 minutes)
	Blinking red slowly	Failed to extend or connect to a network *Check that both ends of the Ethernet cable are securely connected to the extender.
Internet connection	Solid green	Connected to the internet
	Blinking green slowly	Not set up or not connected to the internet
	Blinking yellow slowly	Failed to connect to the internet *Check that the upstream router can access the internet normally.
Cable connection	Blinking green fast for 3 seconds	Device connected to or disconnected from the Ethernet port
Reset	Blinking red fast	Restoring the extender to factory settings

FCC

FCC Statement
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
— Reorient or relocate the receiving antenna.
— Increase the separation between the equipment and receiver.
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
— Consult the dealer or an experienced radio/TV technician for help.
Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Radiation Exposure Statement
This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
This equipment should be installed and operated with minimum distance 20cm between the device and your body.

Safety Precautions

Before operating, read and follow these precautions to prevent accidents.
– Do not use the device in a place where wireless devices are not allowed.
– Clean only with dry cloth.
– Do not block any ventilation openings, such as newspapers, table-cloth, curtains.
– To avoid electrical shocks, do not insert any object into the ventilation openings.
– Unplug this device during lightning storms or when unused for long periods of time.
– The mains plug is used as the disconnect device, which shall remain readily operable.
– The power socket shall be installed near the device and easily accessible.
– Operating environment: Temperature: 0°C - 40°C (32°F - 104°F); Humidity: (10% - 90%) RH, non-condensing; Storage environment: Temperature: -40°C - 70°C (-40°F - 158°F); Humidity: (5% - 90%) RH, non-condensing.
– If such phenomena as smoke, abnormal sound or smell appear when you use the device, immediately stop using it and disconnect its power supply, and contact the after-sales service personnel.
– Warning: To reduce the risk of electric shock, do not remove cover as there are no user-serviceable parts inside. Refer servicing to qualified personnel.
– Refer all servicing to qualified service personnel.
– Disconnect the power source during servicing.
– Keep this device out of reach of children to prevent children from using it as a toy and causing personal injury.
– Keep the device away from water, fire, high electric field, high magnetic field, and inflammable and explosive items.
For the latest safety precautions, see **Safety and Regulatory Information** on www.tendacn.com.

Caution:
Any changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate this equipment.
Operating frequency: 2412-2462MHz, 5150-5350 MHz, 5725-5850 MHz
The device is for indoor usage only.
NOTE: (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. (2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.

Australia Cyber Security SoC
Australia Cyber Security SoC is available at the following internet address:<https://www.tendacn.com/au/page/CyberSecuritySoC>



Australia Cyber Security SoC

ISED Canada Compliance Statement
CAN ICES-3 (B) / NMB-3 (B)
Canadian Compliance Statement
This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada’s licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.
L’émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d’Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L’exploitation est autorisée aux deux conditions suivantes:
(1) L’appareil ne doit pas produire de brouillage;
(2) L’appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d’en compromettre le fonctionnement.
Any changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.
Tous les changements ou modifications non expressément approuvée par le responsable de la conformité pourrait vider l’utilisateur est habilité à exploiter l’équipement.

ISED Radiation Exposure Statement:
The equipment complies with ISED RF radiation exposure limits set forth for an uncontrolled environment.
Cet appareil est conforme aux limites d’exposition de rayonnement RF ISED établies pour un environnement non contrôlé.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.
Cet émetteur ne doit pas être co-implanté ou fonctionner en onjunction avec toute autre antenne ou transmetteur. La distance entre le radiateur et le corps doit être d’au moins 20 cm lors de l’installation et du fonctionnement de l’appareil.
The device for operation in the bands 5150–5250 MHz and 5250–5350 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.
le dispositif utilisé dans la bandes 5150–5250 MHz et de 5250–5350 MHz est réservé à une utilisation en intérieur afin de réduire le risque de brouillage préjudiciable aux systèmes mobiles par satellite dans le même canal.

NOM
LA OPERACIÓN DE ESTE DISPOSITIVO ESTA SUJETA A LAS SIGUIENTES CONDICIONES:
a) Es posible que este equipo o dispositivo no cause interferencia perjudicial.
b) Este equipo o dispositivo debe aceptar cualquier tipo de interferencia, incluyendo la que pueda causar su operación no deseada.
Estimado usuario: Antes de utilizar este producto lo invitamos a leer el siguiente manual para que conozca todas sus funciones y características.

Producto	NOMBRE DEL PRODUCTO: Extensor de alcance Wi-Fi Gigabit de doble banda MODELO: A33
Alimentador de Energía: Alimentación: 100V ~ 240V ca 50Hz/60Hz, 0.4A Salida: 12V cc 1A	
PAIS DE ORIGEN: CHINA	



RECYCLING
This product bears the selective sorting symbol for Waste Electrical and Electronic Equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.
User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.

Technical Support
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