

Quick Installation Guide

AC1200 Dual Band Wi-Fi Extender A18



Scan the QR code or visit www.tendacn.com for installation videos, technical specifications, user guides 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.

I Product Introduction

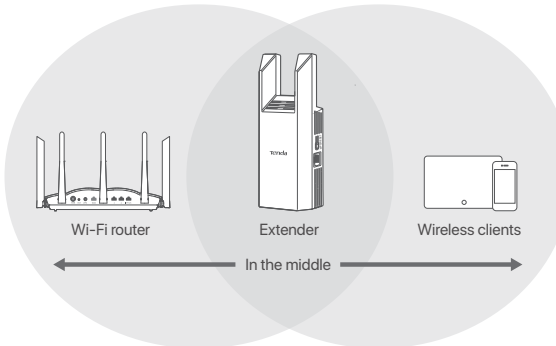
The extender supports both wireless and wired extension. Choose the extension type as required and refer to the following instructions for configuration.

	Wireless Extension	AP Mode
Extension Type	The extender connects to the upstream router through Wi-Fi and extends the router's Wi-Fi coverage range	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 5G 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 other 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 various wireless such as smartphones, tablets, and smart devices.
	 Wireless Extension	 Wired Extension

II Wireless Extension

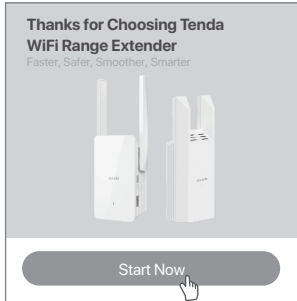
Select the extender location

Place the extender in the middle between the router and the wireless dead zone (As far as possible to reduce the obstacle between the extender and the router, ensure that the smartphone is connected to the router's Wi-Fi and access the internet smoothly), then plug the extender into a power outlet, and the system will start up when the indicator blinks green.



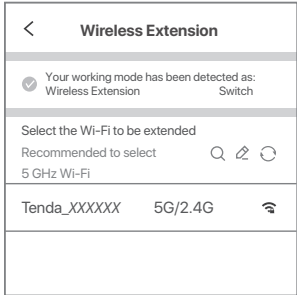
Set Up the Extender

- 1 Connect the smartphone to the Wi-Fi network of the extender: **Tenda_EXT**. When the web UI of the extender is displayed automatically, tap **Start Now**.



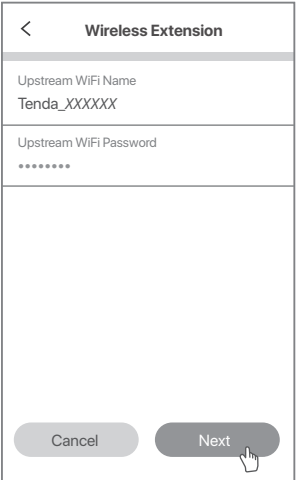
- Tips**
- If the above page does not appear, start a web browser, and access re.tenda.cn in the address bar to log in to the web UI. If you are configuring through the smartphone, disable your mobile data traffic and try to log in.
 - If your smartphone displays the prompt **The WLAN "Tenda_EXT" is not connected to the Internet**. Select **Use Without Internet**, and continue using this Wi-Fi.

- 2 Select the Wi-Fi you want to extend.



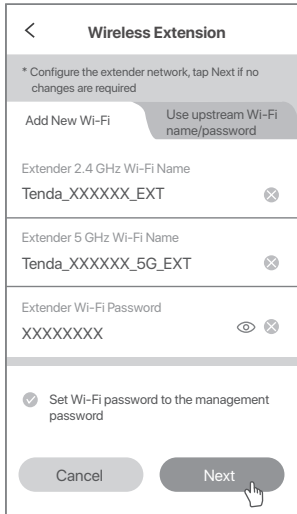
- Tips**
- The extender supports dual-band extension. If the upstream router offers dual-band Wi-Fi, you can select either band to extend (5G Wi-Fi recommended), and the extender will automatically extend the other band with the same Wi-Fi password.

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

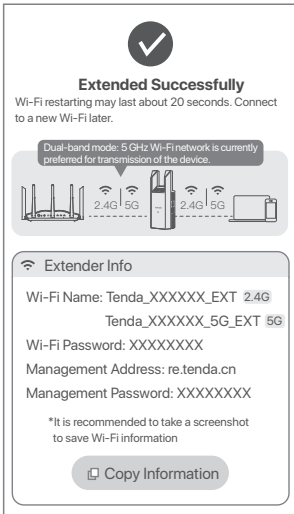


III AP Mode

- 4 Change the Wi-Fi name and Wi-Fi password of the extender as required, and tap **Next**.



The extension is completed. Follow the onscreen instructions.



Method 2: Through Tenda WiFi App

- 1 Download the **Tenda WiFi** App onto your mobile device by scanning the **QR code** or searching for **Tenda WiFi** in the **Google Play** or **App Store**.

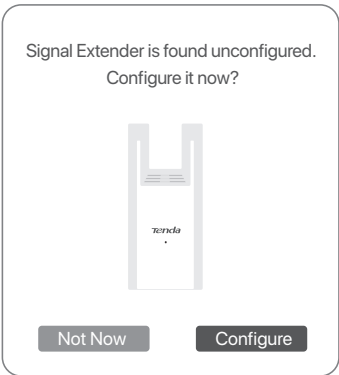
- Tips**
- If already installed the **Tenda WiFi** App, ensure that the App is the latest version.



- 2 Connect the smartphone to the Wi-Fi network of the extender: **Tenda_EXT**.

- Tips**
- If your smartphone displays the prompt **The WLAN "Tenda_EXT" is not connected to the Internet**. Select **Use Without Internet**, and continue using this Wi-Fi.

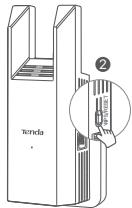
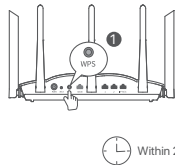
- 3 The App will automatically discover the extender, follow the onscreen instructions to set the extender. When the indicator of the extender turns solid on, the extension is successful.



Method 3: Through WPS Button

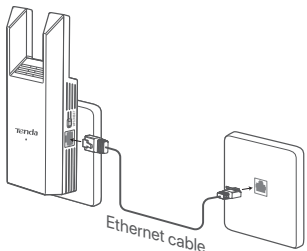
- Tips**
- Ensure that the encryption used by the router's Wi-Fi includes WPA-PSK or WPA2-PSK.
 - The WPS design may differ with different manufacturers. If this method fails, use another method to configure.

- 1 Press the WPS button of the router for about 1 to 3 seconds to enable its 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 lights solid on, the setup is successful. The extender's Wi-Fi name is "Upstream router Wi-Fi name _EXT (or 5G_EXT)," and the Wi-Fi password is the same as the upstream router.



- 1 Ensure that the Ethernet cable has been deployed in the place that needs Wi-Fi coverage and can access the internet normally. Connect the Ethernet cable to the Ethernet port of the extender, and plug the extender into the power socket. The indicator changes from blinks green to solid on to indicate successful extension.

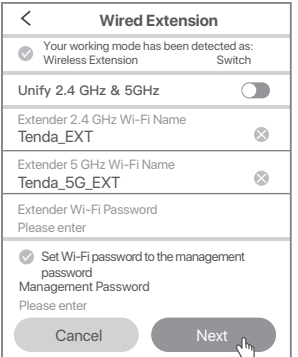
- Tips**
- If the deployed Ethernet cable is for wiring in the wall, prepare the Ethernet cable by yourself.



- 2 Connect the smartphone to the Wi-Fi network of the extender: **Tenda_EXT**. When the web UI of the extender is displayed automatically, tap **Start Now**.

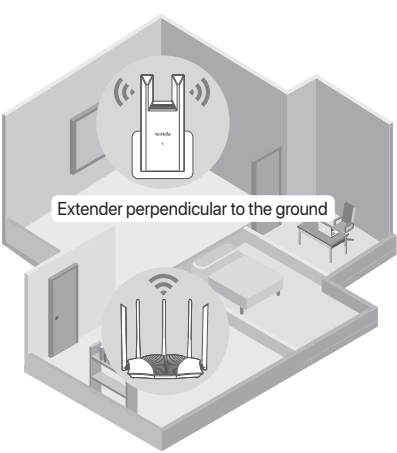
- Tips**
- If the smartphone does not automatically redirect to the extender's web UI, start a web browser, and access re.tenda.cn in the address bar to log in to the web UI. If you are configuring through the smartphone, disable your mobile data traffic and try to log in.
 - If your smartphone displays the prompt **The WLAN "Tenda_EXT" is not connected to the Internet**. Select **Use Without Internet**, and continue using this Wi-Fi.

- 3 Set the Wi-Fi name, Wi-Fi password and login password of the extender as required, and tap **Next**.

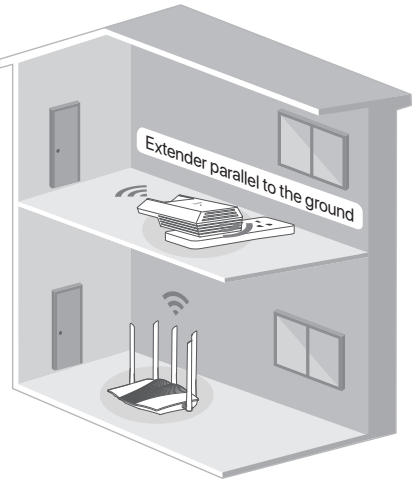


IV Extender installation recommendations

Large flat floor network coverage



Cross-floor network coverage

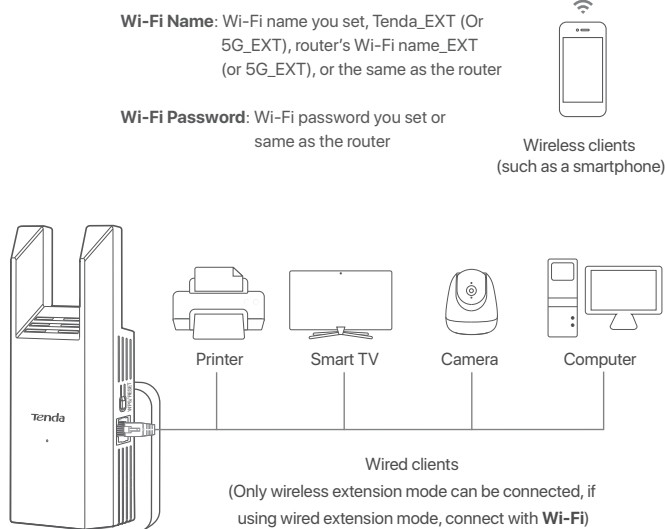


Safety Precautions

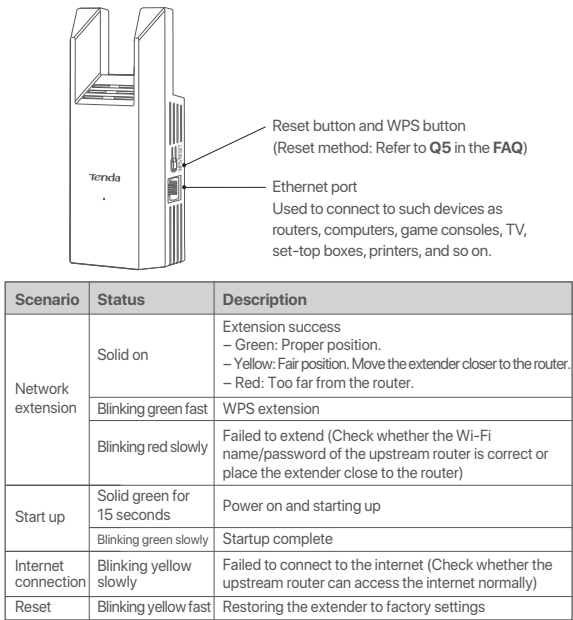
- Before operating, read the operation instructions and precautions to be taken, and follow them to prevent accidents. The warning and danger items in other documents do not cover all the safety precautions that must be followed. They are only supplementary information, the installation and maintenance personnel need to understand the basic safety precautions to be taken.
- 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.

V Connect Clients to the Internet



Appearance



FAQ

Q1. I cannot log in to the web UI of the extender. What should I do?

- A1.** First, try the following solutions:
- Visit <http://re.tenda.cn> in your browser.
 - If you are using a wireless client, such as a smartphone, ensure that the **Mobile Data** (if any) function is disabled.
- If the problem persists, try the following solutions:
- Before extension:**
- If you are using a wireless client, such as a smartphone, ensure that your smartphone has connected to the Wi-Fi network 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 by referring to **Q5** in the **FAQ**, and log in again.

- After extension:**
- If you are using a wireless client, such as a smartphone, ensure that your smartphone has connected to the Wi-Fi network of the extender. If the Wi-Fi name of the extender is the same as the upstream router, stand nearby the extender and connect to its Wi-Fi network (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**.

Q2. My extender cannot find the Wi-Fi network of my router. What should I do?

- A2.** Try the following solutions:
- Ensure that your smartphone is near the extender and can search and connect to the Wi-Fi network of the router.

- Change the channel of your router, and try again.
- Change the encryption type of the router to **WPA-PSK** or **WPA2-PSK**, and try again.

Q3. I cannot find the Wi-Fi name of the extender after extending network successfully (the indicator is solid on). What should I do?

- A3.** The possible reason is that you did not customize the extender Wi-Fi name when extending the network. In this case, the Wi-Fi name of the extender is the same as the upstream router or **_EXT** (or **5G_EXT**) of the upstream router Wi-Fi name after the extension is successful.

Q4. After the wireless extension is successful (the indicator is solid on), the network speed through the extender is slower than when directly connected to the router. What should I do?

- A4.** The network speed may decrease during wireless extension due to upstream signal attenuation, but this is a normal phenomenon that does not affect normal use. To maximize the extension effect, ensure that the extender indicator is solid green, and reduce the obstacles between the extender and the router. If an Ethernet cable has been deployed at home, a wired extension is recommended.

Q5. How to reset the extender?

- A5.** When the extender completes startup, press the **RESET** button for about 8 seconds. When the indicator blinks yellow fast, the extender is restored to factory settings.

CE Mark Warning

This is a Class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

This equipment should be installed and operated with a minimum distance 20cm between the device and your body.

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.

Declaration of Conformity

Hereby, SHENZHEN TENDA TECHNOLOGY CO., LTD. declares that the device (Extender) is in compliance with Directive 2014/53/EU. The full text of the EU Declaration of Conformity is available at the following internet address: <https://www.tendacn.com/download/list-9.html>

Operating Frequency/Max Output Power

English: Operating Frequency/Max Output Power Italiano: Frequenza operativa/Potenza di uscita massima Ελληνικά: Συχνότητα Λειτουργίας/Μέγιστη Ισχύς Εξόδου Français: Fréquence de fonctionnement/Puissance de sortie maximale Español: Frecuencia operativa/Potencia de salida máxima Deutsch: Betriebsfrequenz/Max. Ausgangsleistung Polski: Częstotliwość pracy/Maksymalna moc wyjściowa Română: Frecvența de funcționare/Puterea maximă de ieșire Nederlands: Bedrijfsfrequentie/Maximaal uitgangsvermogen Čeština: Provozní frekvence/maximální výstupní výkon Português: Frequência de Funcionamento/Potência Máxima de Saída Svenska: Driftsfrekvens/Max Uteffekt	Slovenčina: Prevádzková frekvencia/maximálny výstupný výkon Ελληνικά: Συχνότητα Λειτουργίας/Μέγιστη Ισχύς Εξόδου Magyar: Működési frekvencia/Maximális kimeneti teljesítmény Български: Работна честота/Максимална изходна мощност Čeština: Točsagedus/Max väljundvõimsus Dansk: Driftsfrekvens/Maks. Udgangseffekt Suomi: Toimintataajuus/maksimaalitoteho Hrvatski: Radna frekvencija/Maksimalna izlazna snaga Latviesu: Operēšanas frekvences/Maksimālā jauda Lietuvių: Darbinis dažnis/maksimali šiljimo galia Slovenščina: Delovna frekvenca/Največja izhodna moč Türkçe: Çalışma Frekansı/Maks. Çıkış Gücü Русский: Рабочая частота/макс. выходная мощность عربي: تردد التشغيل / الحد الأقصى لمعاطة الخارج
2412MHz-2472MHz/20dBm 5150MHz-5250MHz(indoor use only)/23dBm	

Restrictions in the 5 GHz Band

	AT	BE	BG	CH	CY	CZ	DE	DK	EE	EL	ES	FI	FR	HR	HU	IE
	IS	IT	LI	LT	LU	LX	MT	NL	NO	PL	PT	RO	SE	SI	SK	UK(NI)



English-Attention: In EU member states, EFTA countries, Northern Ireland and Great Britain, the operation in the frequency range 5150 MHz - 5250 MHz is only permitted indoors.

Deutsch-Achtung: In den EU-Mitgliedsstaaten, den EFTA-Ländern, Nordirland und Großbritannien ist der Betrieb im Frequenzbereich 5150 MHz - 5250 MHz nur in Innenräumen erlaubt.

Italiano-Attenzione: Negli Stati membri dell'UE, nei Paesi EFTA, nell'Irlanda del Nord e in Gran Bretagna, il funzionamento nella gamma di frequenze 5150 MHz - 5250 MHz è consentito solo in ambienti chiusi.

Español-Atención: En los estados miembros de la UE, los países de la AELC, Irlanda del Norte y Gran Bretaña, el rango de frecuencia operativa de 5150 MHz - 5250 MHz solo está permitido en interiores.

Português-Atenção: Nos estados membros da UE, países da EFTA, Irlanda do Norte e Grã-Bretanha, o funcionamento na gama de frequências 5150 MHz - 5250 MHz só é permitido no interior.

Français-Attention: Dans les États membres de l'UE, les pays de l'AELC, l'Irlande du Nord et la Grande-Bretagne, l'utilisation dans la gamme de fréquences 5150 MHz - 5250 MHz n'est autorisée qu'en intérieur.

Nederlands-Aandacht: In de EU-lidstaten, de EVA-landen, Noord-Ierland en Groot-Brittannië is gebruik in het 5150 MHz - 5250 MHz frequentiebereik alleen binnenshuis toegestaan.

Svenska-Uppmärksamhet: I EU medlemsstater, EFTA-länderna, Nordirland och Storbritannien är det endast tillåtet att använda frekvensområdet 5150 MHz - 5250 MHz inomhus.

Dansk-Bemærk: I EU-medlemslandene, EFTA-landene, Nordirland og Storbritannien er drift i frekvensområdet 5150 MHz - 5250 MHz kun tilladt indendørs.

Suomi-Huom: EU-maissa, EFTA-maissa sekä Isonsa-Britanniassa ja Pohjois-Irlannissa taajuusalueella 5150 MHz - 5250 MHz on sallittua käyttää ainoastaan sisätiloissa.

Magyar-Figyelem: Az EU-tagállamokban, az EFTA-országokban, Észak-Írországbán és Nagy-Britanniában az 5150 MHz - 5250 MHz-es frekvenciaátartományban való működtetés csak beltérben engedélyezett.

Polski-Uwaga: W państwach członkowskich UE, krajach Europejskiego Stowarzyszenia Handlu (EFTA), Irlandii Północnej i Wielkiej Brytanii praca w zakresie częstotliwości 5150 MHz - 5250 MHz jest dozwolona tylko w pomieszczeniach.

Čeština-Pozor: V členských státech EU, zemích ESVO, Severní Írsku a Velké Británie je provoz ve frekvenčním rozsahu 5150 MHz - 5250 MHz povolen pouze v interiéru.

Ελληνικά-Προσοχή: Στα κράτη μέλη της ΕΕ, στις χώρες της ΕΖΕΣ, στη Βόρεια Ιρλανδία και στη Μεγάλη Βρετανία, η λειτουργία στην περιοχή συχνοτήτων 5150 MHz - 5250 MHz επιτρέπεται μόνο σε εσωτερικούς χώρους.

Română-Atenție: În statele membre UE, țările EFTA, Irlanda de Nord și Marea Britanie, operația în intervalul de frecvență 5150 MHz - 5250 MHz este permisă numai în interior.

Български-Внимание: В страните-членки на ЕС, страните от ЕАСТ, Северна Ирландия и Великобритания, работата в честотния диапазон 5150 MHz - 5250 MHz е разрешена само на закрито.

Eesti-Tähelepanu: EL- ja liikmesriikides, EFTA riikides, Põhja-Iirimaal ja Suurbritannias on sagedusvahemikus 5150 MHz - 5250 MHz kasutamise lubatud ainult siseruumides.

Slovenščina-Pozor: V državah članicah EU, državah EFTA, Severni Irski in Veliki Britaniji je delovanje v frekvenčnem območju 5150 MHz - 5250 MHz dovoljeno samo v zaprtih prostorih.

Slovenčina-Pozor: V členských státech EU, krajích EFTA, Severnom Írsku a Velké Británie je prevádzka vo frekvenčnom pásme 5150 MHz - 5250 MHz povolená len v interiéri.

Hrvatski-Pozornost: U državama članicama EU, zemljama EFTA-e, Sjevernoj Irskoj i Velikoj Britaniji, rad u frekvencijskom rasponu od 5150 MHz - 5250 MHz dopušten je samo u zatvorenom prostoru.

Latviesu-Uzmanību: ES valstīs, EĢA valstīs, Ziemeļīrijā un Lielbritānijā, operēšana iekšējā telpā ir atļauta tikai iekšējā telpā.

Lietuvių-Dėmesio: ES valstybėse narėse, ELPA šalyse, Šiaurės Airijoje ir Didžiojoje Britanijoje 5150 MHz - 5250 MHz dažnių diapazone leidžiama veikti tik patalpose.

Norsk-OBS: I EUs medlemsland, EFTA-land, Nord-Irland og Storbritannia er drift i frekvensområdet 5150 MHz - 5250 MHz kun tillatt innendørs.

Islenka-Athugið: Í aðildarríkum ESB, EFTA-landum, Norður-Írlandi og Bretlandi er rekstur á tíðnisviðinu 5150 MHz - 5250 MHz aðeins leyfur innandyra.

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.

The device is for indoor use only.

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 equipment should be installed and operated with minimum distance 20cm between the device and your body.

Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Operating frequency: 2412-2462MHz, 5150-5250MHz, 5725-5850MHz

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.

NOM

LA OPERACIÓN DE ESTE DISPOSITIVO ESTÁ 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: Repetidor WiFi de banda dupla MODELO: A18
Alimentador de Energía: Alimentación: 100V - 240V ca 50Hz/60Hz, 0.4A Salida: 12V cc 1A	
PAIS DE ORIGEN: CHINA	

IC

CAN ICES-3 (B) / NMB-3 (B)
Canadian Compliance Statement

This device complies with Innovation, Science and Economic Development Canada licence-exempt RSS standard (s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Innovation, la science et le développement économique Canada licables aux aires radio exemptes de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, on 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/C Radiation Exposure Statement:

The equipment complies with ICSED RF radiation exposure limits set forth for an uncontrolled environment.

Cet appareil est conforme aux limites d'exposition de rayonnement RF ICSED 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.

Operation of 5150-5250MHz is restricted to indoor use only.

le fonctionnement de 5150-5250MHz est limité à une utilisation en intérieur uniquement.



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

Shenzhen Tenda Technology Co., Ltd.
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V1.1 Keep for future reference