

## Tenda A18 Pro

# Tenda A18 Pro AC1200 Dual-Band WiFi Repeater User Manual

Model: A18 Pro

## 1. INTRODUCTION

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The Tenda A18 Pro is a dual-band AC1200 WiFi repeater designed to extend your existing wireless network coverage and eliminate Wi-Fi dead zones. It features a Gigabit Ethernet port for high-speed wired connections and supports both 2.4 GHz and 5 GHz bands for optimal performance. This device is ideal for enhancing network coverage in homes and offices, supporting activities like 4K video streaming, online gaming, and connecting multiple smart devices.

### **Important Notice:**

WiFi extenders are designed to expand or improve WiFi coverage, not to directly increase internet speed. A more stable signal can, however, positively impact overall performance. This amplifier is not compatible with WiFi Mesh systems.

## 2. PACKAGE CONTENTS

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Please check the package contents carefully. If any item is missing or damaged, please contact your retailer or Tenda support.

- 1 x Tenda A18 Pro WiFi Repeater
- 1 x Quick Installation Guide
- 1 x Ethernet Cable

## 3. PRODUCT OVERVIEW

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The Tenda A18 Pro features a compact design with integrated antennas and a Gigabit Ethernet port. Understanding its components will assist in proper setup and operation.



Image: Tenda A18 Pro WiFi Repeater highlighting its AC1200 speed, Gigabit port, 3dBi antenna, LED indicator, and WPS button for easy setup.

### 3.1. Ports and Buttons

- **WPS Button:** Used for quick setup with a WPS-enabled router.
- **Gigabit Ethernet Port:** Provides a high-speed wired connection for devices or for AP mode setup.
- **LED Indicator:** Displays the device's status and signal strength.



Image: Close-up view of the Tenda A18 Pro's Gigabit Ethernet port, showing a network cable connected and indicating 1000Mbps data transfer speed.

## 4. SETUP

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The Tenda A18 Pro offers multiple methods for easy installation. Choose the method that best suits your needs.

### 4.1. WPS Setup (Recommended for quick setup)

1. Plug the A18 Pro into a power outlet near your main router. Wait for the LED indicator to turn solid.
2. Press the WPS button on your main router.
3. Within 2 minutes, press the WPS button on the A18 Pro.
4. Wait for the LED indicator on the A18 Pro to turn solid green, indicating a successful connection.
5. Relocate the A18 Pro to an optimal position between your router and the Wi-Fi dead zone. Use the LED indicator to find the best spot (solid green for good signal, solid orange for weak signal, solid red for no signal).

### 4.2. Web UI / App Setup

For more detailed configuration or if your router does not support WPS, use the web UI or the Tenda WiFi App.

1. Plug the A18 Pro into a power outlet.
2. Connect your computer or mobile device to the A18 Pro's default Wi-Fi network (e.g., "Tenda\_RE\_XXXX").
3. Open a web browser and go to [re.tenda.cn](http://re.tenda.cn) or download the Tenda WiFi App from your app store.
4. Follow the on-screen instructions to select your main Wi-Fi network and enter its password.
5. Configure the extender's Wi-Fi name and password if desired.
6. Once configured, the A18 Pro will connect to your main router. Relocate it to an optimal position using the LED indicator as a guide.

**Web & APP Configuración rápida**

Escanee el Código QR  
Manual y Vídeos en Español

**Optimiza la interacción Diseño,  
fácil instalación**

Image: A smartphone showing the Tenda WiFi App interface and a laptop displaying the web configuration page for the A18 Pro, alongside a QR code for accessing the manual and videos.

For additional help, scan the QR code or visit the official Tenda support page: <https://www.tendacn.com/es/product/help/A18Pro>

## 5. OPERATING MODES

The Tenda A18 Pro supports two main operating modes:

### 5.1. Repeater Mode (Wireless Extension)

In this mode, the A18 Pro wirelessly connects to your existing router and extends its Wi-Fi signal to areas with weak or no coverage. This is the most common use case for a Wi-Fi extender.

### 5.2. AP Mode (Access Point)

In AP mode, the A18 Pro connects to your router via an Ethernet cable and creates a new wireless network. This is useful for converting a wired network into a wireless one or for providing Wi-Fi in an area where only wired access is available. You can connect devices like printers or set-top boxes to the A18 Pro's Gigabit Ethernet port in this mode.



Image: Visual representation of the two operating modes: AP Mode (Access Point) where the A18 Pro is wired to a router, and Wireless Extension Mode (Repeater) where it wirelessly boosts the signal.

### 5.3. Smart Features

- **Automatic Dual-Band Extension:** Expands both 2.4 GHz and 5 GHz bands seamlessly.
- **Bridge Network Signal Check:** Detects the strength of the upstream signal and alerts users when it's weak, helping to quickly select the best installation location.

- **Extended Band Auto-Preference:** Uses an intelligent link selection algorithm to ensure the network remains online with the best available band.

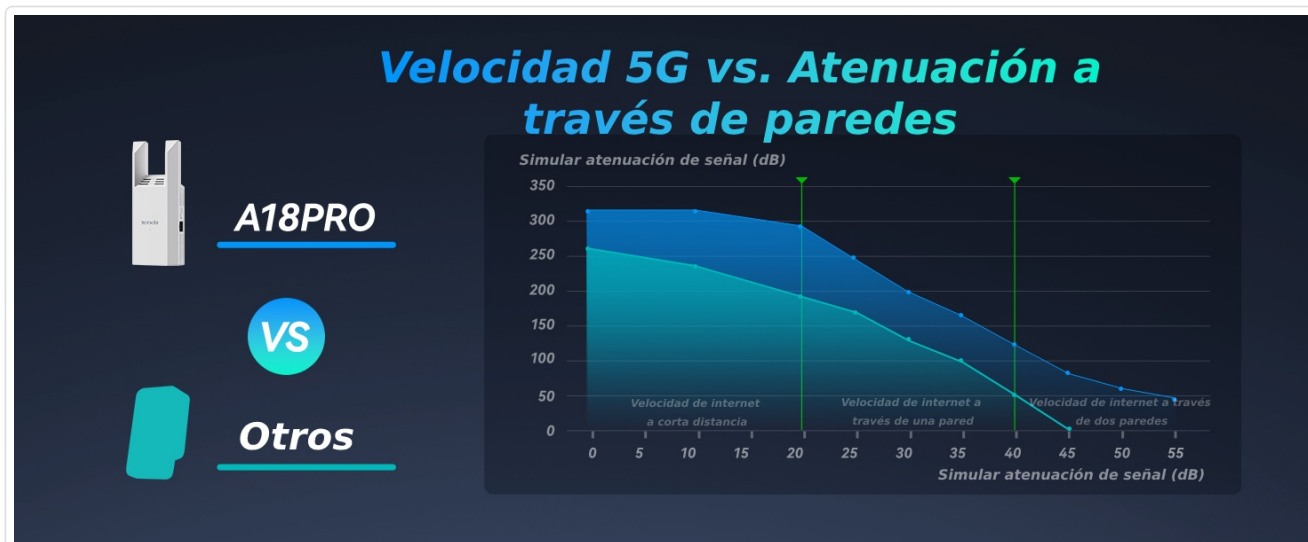


Image: An illustration detailing the user-friendly interaction design of the A18 Pro, showcasing automatic dual-band extension, bridge network signal checking, and extended band auto-preference, all manageable through a mobile application.

## 6. MAINTENANCE

To ensure optimal performance and longevity of your Tenda A18 Pro, follow these maintenance guidelines:

- **Placement:** Place the device in a well-ventilated area, away from direct sunlight, heat sources, and moisture.
- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid cleaners or aerosols.
- **Firmware Updates:** Regularly check the Tenda website or app for firmware updates to ensure the best performance and security.
- **Reset:** If the device is not functioning correctly, you may perform a factory reset by pressing and holding the WPS/Reset button for approximately 8-10 seconds until the LED indicators flash.

The A18 Pro features an air heat dissipation system to ensure stable long-term performance.

## 7. TROUBLESHOOTING

If you encounter issues with your Tenda A18 Pro, refer to the following common problems and solutions:

Problem	Possible Solution
No power / LED off	Ensure the device is properly plugged into a working power outlet. Try a different outlet.
Cannot connect to the extender's Wi-Fi	Verify you are selecting the correct Wi-Fi network name. Ensure the password is correct. Try resetting the extender and reconfiguring.
Weak signal from extender	Relocate the A18 Pro closer to your main router. Use the LED indicator to find an optimal position (solid green indicates good signal). Ensure there are no major obstructions.

Problem	Possible Solution
Internet access issues after connecting to extender	Check if your main router has internet access. Restart both the router and the extender. Reconfigure the extender to ensure it's connected to the correct main Wi-Fi network.
WPS setup fails	Ensure your router supports WPS and that you press both WPS buttons within the 2-minute window. Try the Web UI/App setup method instead.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	A18 Pro
Wireless Standard	802.11a/b/g/n/ac
Data Transfer Rate	Up to 1200 Mbps (300 Mbps for 2.4 GHz, 867 Mbps for 5 GHz)
Frequency Bands	Dual Band (2.4 GHz & 5 GHz)
Ethernet Port	1 x Gigabit Ethernet (RJ45)
Antennas	2 x 3dBi External High-Gain Antennas
Special Features	AP Mode, Automatic Dual Frequency, Automatic Password Verification
Coverage Range	Up to 200 meters (approx. 150 m <sup>2</sup> in typical home environments)
Dimensions (L x W x H)	72mm x 32mm x 161mm
Weight	263 Grams
Power Input	100–240V (220–230V home compatible)
Compatible Devices	Smartphones, PCs, Tablets, Smart TVs, Laptops, Gaming Consoles, Surveillance Cameras

**Diseño de interacción fácil de usar**

- Extensión automática de doble banda**  
Expande la doble banda en un solo paso, y avisa a los usuarios cuando introducen una contraseña incorrecta para el Wi-Fi superior, asegurando que los usuarios
- Comprobación de señal de red puente**  
Detecta la intensidad de la señal de red superior y alerta cuando la señal es débil, ayudando a los usuarios a seleccionar rápidamente la mejor ubicación de instalación
- Auto-Preferencia de Banda Extendida**  
A través del algoritmo de selección de enlace desarrollado por Tenda, A18Pro elegirá una extensión de banda más estable para garantizar que la red está en línea.

5G  
Auto-Preferencia  
2.4G

Image: A comparison table showcasing the specifications of various Tenda WiFi extenders, with the A18 Pro's features like AC1200

speed, dual-band support, Gigabit port, 2\*5G FEM, and external high-gain antennas prominently displayed.

**¿Cuál es el mejor para ti?**

	<b>AC750 Extensor</b>	<b>A18Pro</b>	<b>AC1200 Extensor</b>
<i>Especificaciones WIFI</i>	AC750	AC1200	AC1200
<i>Tipo de Banda</i>	Dual-Band	Dual-Band	Dual-Band
<i>Velocidad de Banda</i>	2.4 GHz:300Mbps/5 GHz:433Mbps	2.4 GHz:300Mbps/5 GHz:867Mbps	2.4 GHz:300Mbps/5 GHz:867Mbps
<i>Puerto de Red</i>	x	10/100/1000 Mbps Port	10/100 Mbps Port
<i>Velocidades Modo AP</i>	<100M	>100M	<100M
<i>FEM</i>	x	2*5G FEM Externos	x
<i>Antena</i>	General	External Alta Ganancia&Fijo	General
<i>Instalación</i>	Scarica la APP	Descargar APP	Descargar APP
<i>Dimensiones (LxPxH)</i>	89*36*125mm	72*32*161mm	69.5*64.8*124mm

Image: A graph illustrating the comparison of 5G speed versus signal attenuation through walls, demonstrating the Tenda A18 Pro's enhanced performance compared to other extenders.

## 9. WARRANTY & SUPPORT

Tenda provides a **3-year warranty** for the A18 Pro WiFi Repeater.

For any additional questions about this product, technical clarifications, or support, please contact Tenda customer service:

- **Email:** [support.es@tenda.cn](mailto:support.es@tenda.cn)
- **Phone:** +34 919 600 398

You can also visit the official Tenda website for more resources and FAQs [www.tendacn.com](http://www.tendacn.com)