

Tenda

Quick Installation Guide

300Mbps Wireless N Access Point AP4/AP5

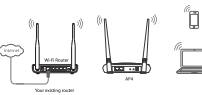
This guide only AP4/AP5 for illustrations unless otherwise specified.

Package contents

- Wireless AP * 1
- PoE injector * 1
- PoE extender * 1
- CD-ROM * 1
- Quick installation guide * 1
- Power adapter * 1
- Ethernet cable * 1
- Expansion slot * 2
- Expansion screw * 2

If you are using a standard power line, please refer to the original package and connect to local router or distribution rack directly. For product functions details, please refer to <http://www.tenda.com>

Option 1: Extending the WiFi coverage using the web UI



1. Place the AP near your existing router, power it on and wait until the SSID indicator lights up.

2. Connect your computer to a port on the WiFi network of the AP.

3. Enter the SSID name and password **admin** for both, and click **Login**.

4. Enter the SSID name and password **admin** for both, and click **Login**.

5. When the BRIDGE LED indicator of the AP is solid on, it bridges to your router successfully.

6. Relocate the AP to a place where you plan to broaden WiFi coverage.

7. Select the internet connection type of your ISP hotspot, PPPoE is used for illustration. See **FAQ** for the PPPoE user name and password provided by your ISP and SSID name.

8. Customize your SSID (WiFi name), select a security mode, customize the WiFi password, and click **Next**.

9. Set the IP address to an unused IP address belonging to different network than the SSID (WiFi name). For example, if the IP address of the AP is 192.168.0.254, the IP address of the computer should be set to 192.168.0.255. Then click **Next**.

10. Note down the SSID (WiFi name), WiFi password and login IP address of the device and click **Save** to apply your settings.

11. Power on the AP and connect your computer to the AP.

12. Start web browser on the computer connected to the AP and visit **192.168.0.254**.

13. Enter the default user name and password **admin** for both, and click **Login**.

14. Select the SSID of your existing WiFi network and click **Next**.

15. Enter the SSID (WiFi name) of the selected SSID in the **Key On** and **SSID Name**.

16. Click **Next**.

17. Click **Save** to apply your settings.

18. When the BRIDGE LED indicator of the AP is solid on, it bridges to the existing network successfully. Then connect your wired device to the AP or Ethernet cables to internet access.

FAQ

Q1: I cannot log in to the web UI of the AP by entering 192.168.0.254. What should I do?

A1: Try the following method:

- Ensure that the computer used to configure the AP is connected to the AP via wired or wireless manner.
- Ensure that the IP address of the computer used to configure the AP is set to an unused IP address belonging to the same network segment of that of the AP. For example, the default IP address of the AP is 192.168.0.254. The IP address of the computer should be set to 192.168.0.X (ranges from 2 to 253), and subnet mask should be set to 255.255.255.0.
- If you are using a PoE injector or PoE extender, make sure the power supply of your computer connects to the AP, and try again with the IP address.
- Clear the cache of your browser.
- If the problem persists, reset the AP to factory settings and configure it again by following this quick installation guide.

Q2: How to reset the AP to factory settings?

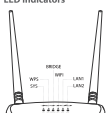
A2: Note: Resetting the AP clears all settings, and you need to configure it again.

When the 315 LED indicator of the AP is blinking, hold down the **Reset** button for about 7 seconds, then release it. When all LED indicators light up, the AP is reset to factory settings successfully.

Getting to know the device

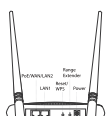
*The appearance of AP4 and AP5 is the similar except antennas.

LED Indicators



LED Name	Color	Description
Power	Green	The device is powered on or in a low-power state.
PoE	Green	The device is powered on or in a low-power state.
Bridge	Green	The device is connected to a network.
LAN	Green	The device is connected to a network.
WLAN	Green	The device is connected to a network.

Ports & buttons



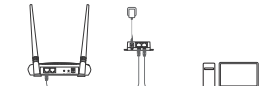
Port/Buttons	Description
PoE	• PoE port for PoE injector cable to connect to a port on the PoE port of the router or PoE injector. • PoE port for PoE extender cable to connect to a port on the PoE port of the PoE extender. • PoE port for PoE injector cable to connect to a port on the PoE port of the PoE injector.
Bridge	• Bridge port for PoE injector cable to connect to a port on the PoE port of the router or PoE injector. • Bridge port for PoE extender cable to connect to a port on the PoE port of the PoE extender.
LAN	• LAN port for PoE injector cable to connect to a port on the PoE port of the router or PoE injector. • LAN port for PoE extender cable to connect to a port on the PoE port of the PoE extender.
WLAN	• WLAN port for PoE injector cable to connect to a port on the PoE port of the router or PoE injector. • WLAN port for PoE extender cable to connect to a port on the PoE port of the PoE extender.
Power	• Power button for PoE injector cable to connect to a port on the PoE port of the router or PoE injector. • Power button for PoE extender cable to connect to a port on the PoE port of the PoE extender.

Power supply

You can power the AP either using a PoE injector or a power adapter. Choose your power supply solution as required.

Power on the device with the PoE injector

• The deployment location of the AP is the way to power source, power on with the included PoE injector. The maximum length of Ethernet cable is limited for power supply: 30 meters for AP4, and 60 meters for AP5.



Power on the device with the power adapter

• If there is a power source near the deployment location of the AP, use the included power adapter to connect the power to the power source.



Universal Repeater mode

If you want to extend your existing WiFi coverage, choose this mode.

Option 1: Extending the WiFi coverage using the Range Extender Button

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4. Enter the SSID name and password **admin** for both, and click **Login**.

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6. Relocate the AP to a place where you plan to broaden WiFi coverage.

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9. Set the IP address to an unused IP address belonging to different network than the SSID (WiFi name). For example, if the IP address of the AP is 192.168.0.254, the IP address of the computer should be set to 192.168.0.255. Then click **Next**.

10. Note down the SSID (WiFi name), WiFi password and login IP address of the device and click **Save** to apply your settings.

11. Power on the AP and connect your computer to the AP.

12. Start web browser on the computer connected to the AP and visit **192.168.0.254**.

13. Enter the default user name and password **admin** for both, and click **Login**.

14. Select the SSID of your existing WiFi network and click **Next**.

15. Enter the SSID (WiFi name) of the selected SSID in the **Key On** and **SSID Name**.

16. Click **Next**.

17. Click **Save** to apply your settings.

18. When the BRIDGE LED indicator of the AP is solid on, it bridges to the existing network successfully. Then connect your wired device to the AP or Ethernet cables to internet access.

WISP mode

1. Place the AP near your existing router, power it on and wait until the SSID indicator lights up.

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4. Enter the SSID name and password **admin** for both, and click **Login**.

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10. Note down the SSID (WiFi name), WiFi password and login IP address of the device and click **Save** to apply your settings.

11. Power on the AP and connect your computer to the AP.

12. Start web browser on the computer connected to the AP and visit **192.168.0.254**.

13. Enter the default user name and password **admin** for both, and click **Login**.

14. Select the SSID of your existing WiFi network and click **Next**.

15. Enter the SSID (WiFi name) of the selected SSID in the **Key On** and **SSID Name**.

16. Click **Next**.

17. Click **Save** to apply your settings.

18. When the BRIDGE LED indicator of the AP is solid on, it bridges to the existing network successfully. Then connect your wired device to the AP or Ethernet cables to internet access.

Client mode

If you want to use the device to connect your wired device, such as a PC, a printer or a set-top box, to a wireless network, choose this mode.



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8. Customize your SSID (WiFi name), select a security mode, customize the WiFi password, and click **Next**.

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10. Note down the SSID (WiFi name), WiFi password and login IP address of the device and click **Save** to apply your settings.

11. Power on the AP and connect your computer to the AP.

12. Start web browser on the computer connected to the AP and visit **192.168.0.254**.

13. Enter the default user name and password **admin** for both, and click **Login**.

14. Select the SSID of your existing WiFi network and click **Next**.

15. Enter the SSID (WiFi name) of the selected SSID in the **Key On** and **SSID Name**.

16. Click **Next**.

17. Click **Save** to apply your settings.

18. When the BRIDGE LED indicator of the AP is solid on, it bridges to the existing network successfully. Then connect your wired device to the AP or Ethernet cables to internet access.

CE

CE Mark Warning
This is a Class B product. In a domestic environment, this product may cause radio interference, so it should be used with certain precautions.
This equipment should be installed and operated with minimum distance 20cm between the device and your body.
The mains plug is used as a disconnect device, the disconnect device shall remain readily operable.
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 radio equipment type AP4 is in compliance with Directive 2014/53/EU.
The full text of the EU declaration of conformity is available at the following internet address: <http://www.tenda.com/en/service/download-cad-103.html>
Operating Frequency: E1(2400-2483.5MHz) CH1-CH13
ERP Power (Max.): 18.8 dBm
Software Version: V1.0.0.4

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 is also compliant 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 warranty to operate this equipment.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
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.

Caution

Adapter Model: BM06-A12012E, BM06-A12012D
Manufacturer: SHENZHEN HEWESHA NETWORK TECHNOLOGY CO., LTD.
Input: 100-240V AC, 50/60Hz, 0.3A
Output: 9V DC, 0.3A
DC voltage

Caution

Adapter Model: BM06-A12012E, BM06-A12012D
Manufacturer: SHENZHEN HEWESHA NETWORK TECHNOLOGY CO., LTD.
Input: 100-240V AC, 50/60Hz, 0.4 A
Output: 12V DC, 1A
DC voltage

Caution

Operating Temperature: -10°C ~ 45°C
Operating Humidity: 10% ~ 90% RH non-condensing

EARC

RECYCLING
This product bears the selective sorting symbol for those 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.

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