

Tenda

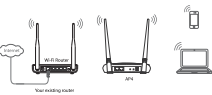
Quick Installation Guide

300Mbps Wireless N Access Point
AP4/AP5
This guide takes AP4 for illustrations unless otherwise specified.

Package contents

- Wireless AP * 1
 - PoE injector * 1
 - Ethernet cable * 1
 - Screw * 2
 - Quick installation guide * 1
- You may also receive a power supply. Please keep the original package and contact the local retailer or distributor immediately. For product or function details, please go to <http://www.tenda.com>.

Option 1: Extending the WiFi coverage using the web UI



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

10. Save to apply your settings.



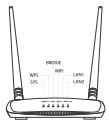
When the **BRIDGE** LED indicator of the AP is solid on, it bridges to your main network successfully.

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

Getting to know the device

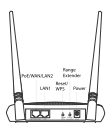
*The appearance of AP4 and AP5 is the similar except antenna.

LED Indicators



LED Indicator	State	Description
Bridge	On	The device is connected to a network successfully.
WiFi	Flashing	The device is working properly.
WiFi	On	The WiFi function is enabled, and the WiFi signal is being transmitted.
WiFi	Off	The WiFi function is disabled, and the WiFi signal is not being transmitted.
LAN1/LAN2	On	The device is connected to a network successfully.
LAN1/LAN2	Off	The device is not connected to a network.
Power	On	The device is powered on.
Power	Off	The device is powered off.

Ports & buttons



Port/Button	Description
PoE (RJ45)	• PoE port for all Ethernet cables to connect the PoE port of the PoE injector or PoE switch to the PoE port of the AP. • PoE port for all Ethernet cables to connect the PoE port of the PoE injector or PoE switch to the PoE port of the AP. • PoE port for all Ethernet cables to connect the PoE port of the PoE injector or PoE switch to the PoE port of the AP.
LAN1	• LAN port for all Ethernet cables to connect the LAN port of the PoE injector or PoE switch to the LAN port of the AP. • LAN port for all Ethernet cables to connect the LAN port of the PoE injector or PoE switch to the LAN port of the AP.
LAN2	• LAN port for all Ethernet cables to connect the LAN port of the PoE injector or PoE switch to the LAN port of the AP. • LAN port for all Ethernet cables to connect the LAN port of the PoE injector or PoE switch to the LAN port of the AP.
Bridge	• Bridge button: Press the bridge button for about 7 seconds to release the bridge function. When the LED indicator light up, the device is not successful.
WiFi	• WiFi button: Press the WiFi button for about 7 seconds to release the WiFi function. When the LED indicator light up, the device is not successful.
Power	• Power button: Press the power button for about 7 seconds to release the power function. When the LED indicator light up, the device is not successful.

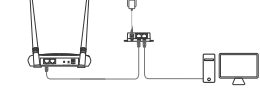
Power supply

You can power on this 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

1. The deployment location of the AP is the way for the power source. Power on with the included PoE injector.

The maximum length of Ethernet cable is 100m for power supply 30 watts for AP4, and 60 watts 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 port 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 function

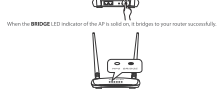
1. Place the AP near your existing network power line and wait until it starts LED indicator lights.

2. Press the WiFi button on your existing router.



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

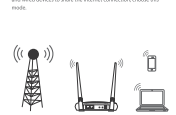
3. Within 2 minutes, press the **Range Extender** button on the AP for about 3 seconds, then release it. The **WiFi** LED indicator lights.



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

WISP mode

If you want to bridge to an ISP hotspot and enable your wireless and wired device to share the internet connection, choose this mode.



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

2. Start a web browser on the computer connected to the AP and visit 192.168.0.254.

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



4. Select **WISP** mode and click **Next**.



5. Select the SSID (WiFi name) of the selected SSID in the **Key** box and click **Next**.



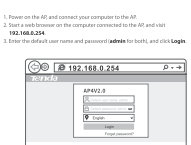
6. Enter the key (WiFi password) for the selected SSID in the **Key** box and click **Next**.



7. Select the internet connection type of your ISP hotspot. PPPoE is used for broadband access. Select **PPPoE** when the PPPoE user name and password provided by your ISP and click **Next**.



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



9. Set the IP address to an unused IP address belonging to different network segment than the ISP hotspot. For example, if the ISP hotspot IP address is 192.168.1.1, the wireless network IP address should be set to 192.168.0.254. Then click **Next**.



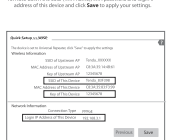
10. Power on the AP and connect your computer to the AP.

11. Start a web browser on the computer connected to the AP and visit 192.168.0.254.

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



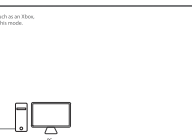
4. Select **WISP** mode and click **Next**.



5. Select the SSID (WiFi name) of the selected SSID in the **Key** box and click **Next**.



6. Enter the key (WiFi password) for the selected SSID in the **Key** box and click **Next**.



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 in 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 (x ranges from 2 to 253), and subnet mask should be set to 255.255.255.0.
- If the AP works in WISP mode, its IP address may be changed. Check the gateway address of your computer connected 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: Reset: Restoring the AP clears all settings, and you need to configure it again.

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

CE

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 minimum distance 20cm between the device and your body.

The main plug is used as 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 radio interference, it is recommended to use a shielded RJ45 cable.

Declaration of Conformity

Hereto, 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.cn/en/ver/download-cata-101.html>

Operating Frequency: E11(2400-2483.3MHz) CH1-CH13

ERP Power (Max.): 18.8dBm

Software Version: V1.0.3.4

Hereto, SHENZHEN TENDA TECHNOLOGY CO., LTD. declares that the radio equipment type AP5 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.cn/en/ver/download-cata-101.html>

Operating Frequency: E11(2400-2483.3MHz) CH1-CH13

ERP Power (Max.): 18.8dBm

Software Version: V1.0.3.2

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.

Radio Frequency Interference

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.

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: BN036-A12012L, BN036-A12012B

Manufacturer: SHENZHEN NEWESHA NETWORK TECHNOLOGY CO., LTD.

Input: 100-240V AC, 50/60Hz, 0.3A

Output: 9V DC, 0.8A

DC Voltage

Caution:

Adapter Model: BN036-A12012L, BN036-A12012B

Manufacturer: SHENZHEN NEWESHA NETWORK TECHNOLOGY CO., LTD.

Input: 100-240V AC, 50/60Hz, 0.4A

Output: 12V DC, 1A

DC Voltage

Operating Temperature: 0°C ~ 40°C

Operating Humidity: 10% ~ 90% RH non-condensing

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 where he buys a new electrical or electronic equipment.

Technical Support

Shenzhen Tenda Technology Co., Ltd.
6/F Floor, Tower B, No. 1001, Zhongyuan Road, Nanhai District, Shenzhen, China 518055

USA Hotline: +86-755-8862

UK Free Phone: 0800-010000

Canada Hotline: 1-888-986-8862

USA Free Mail: 1-800-696-0001

China Hotline: 400-010-0000

Global website: <http://www.tenda.com.cn>

E-mail: support@tenda.com.cn

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