

Tenda

Quick Installation Guide

Troubleshooting

Q Can't log in to AP's web-based management interface after entering 192.168.0.254 in the browser's address bar, what should I do?

- A:**
1. Verify that your PC's IP address is set to any value between 192.168.0.2 to 192.168.0.253.
 2. Try a different browser or delete your existing browser's cache and cookies. Make sure your browser's connection mode is "never dial a connection".
 3. Restart your PC if you are using Windows 98 OS and have changed your PC's IP address.
 4. Verify that your wireless adapter is working correctly. Remove obstacles when in proximity of multiple connection failures.

Q My PC is unable to search AP's wireless network, what should I do?

- A:**
1. Verify that wireless is enabled on your PC.
 2. Make sure that AP is correctly powered.
 3. Remove any range extenders between your PC and AP.
 4. Clear any interference sources such as cordless telephones and microwave ovens, etc.

Factors that may adversely affect wireless signal range:
Minimum wireless signal will be received from IEEE Standard 802.11g and 802.11n specifications. Actual data throughput will vary due to factors below.

1. Network conditions such as volume of network traffic lower actual data throughput.
2. Environmental factors such as building materials and construction will adversely affect wireless signal range.
3. Data rates: High network bandwidth wireless devices consistently outperform lower bandwidth wireless devices.
4. GHz radio wave frequency to transmit and receive data. When other nearby electronic devices such as cell phones, radio transmitters and microwaves emit this frequency, they interfere with the network's signal transmission.
5. Physical obstacles also cause wireless signal loss. When radio waves pass through a medium, signal degradation occurs because the object absorbs some of the signal or scatters it. Thicker objects absorb a larger portion of the wireless signal.

Specifications subject to change without notice. ©2010 Tenda Technology Co., Ltd. All rights reserved. Tenda Technology Co., Ltd. is a registered trademark of Tenda Technology Co., Ltd. in China and other countries. Tenda, Tenda logo, Tenda Technology Co., Ltd. and Tenda are trademarks of Tenda Technology Co., Ltd. in China and other countries. All other trademarks are the property of their respective owners.

1 Unpack and check the following: (Product images depicted herein are for reference only, actual appearance may vary)



2 Installation (The AP supports wireless AP and WDS working modes)

Wireless AP Mode
Use this mode if you want to connect the AP to an internet service provider's wired router using an Ethernet cable. The wireless AP mode creates a wireless network for you by broadcasting the wired signal by your existing router to the wireless signal.



WDS Mode
Use this mode if you want to wirelessly connect the AP to an internet service provider's wireless router or AP.



A Connect the LAN port on AP to your PC using an Ethernet cable.

B Configure your PC's IP settings.



C In Windows 7, click "Network" icon -> "Properties" -> "Change adapter settings" -> "Local Area Connection 2" -> "Properties".



D In Windows XP, right-click "My Network Places" and select "Properties".



E In Windows XP, click "Network Places" -> "Local Area Connection 2" -> "Properties".



F Click "Use the following IP address" and enter 192.168.0.254 in the IP address field and enter 255.255.255.0 in the subnet mask field.



G Click "Use the following IP address" and enter 192.168.0.254 in the IP address field and enter 255.255.255.0 in the subnet mask field.



3 Connect your PC to AP wirelessly

C Open a web browser, enter http://192.168.0.254 in the address bar and then press "Enter".



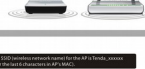
D On the main interface below, click "Wireless Settings" and enter "WDS" as a current wireless working mode.



E Enable the Scan function and select your link partner's SSID from the scan list. Then click OK.



F Repeat steps D-E on your link partner's wireless router or AP. (Note: SSID, channel, security mode and security key must be the same on both your AP and its link partner for successful WDS installation.)



In Windows 7

1. Click on your desktop.
2. Select your AP's SSID and click "Connect".
3. You have successfully connected your PC. You can disconnect when you are done with your work.
4. Choose your network location.

In Windows XP

1. Right-click "My Network Places" and select "Properties".
2. Right-click "Wireless Network Connection" and select "View Available Wireless Networks".
3. Select the AP's SSID.
4. Click "Connect Anyway".