

Review and Guide to setup the New Tenda W150M WiFi 150MBPS Wifibridge

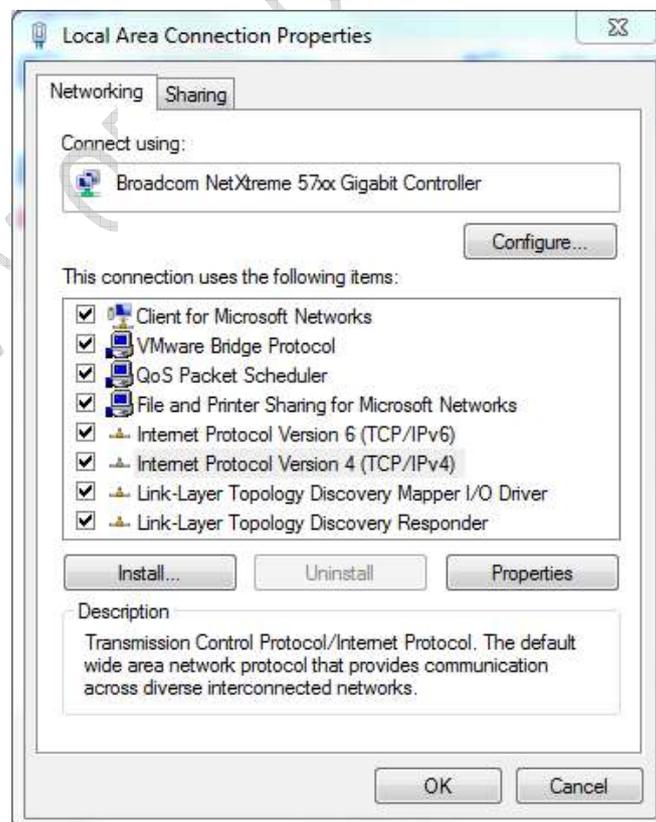
I've been testing the Tenda W150M AP/Router/Wirelessbridge for the last month or so to test its stability and reliability as found the Vonets VAP11G can be hit and miss. Well I've got to say the Tenda W150M works as good as any 85MBPS Homeplugs! Its works absolutely superb and is a doddle to setup!

The Tenda W150M can be purchased from World-of-Satellite.co.uk <http://www.world-of-satellite.co.uk/Networking-WiFi/Tenda-150Mbps-Portable-Wireless-Access-Point-Router-Wireless-wifibridge-WIFI-W150M>

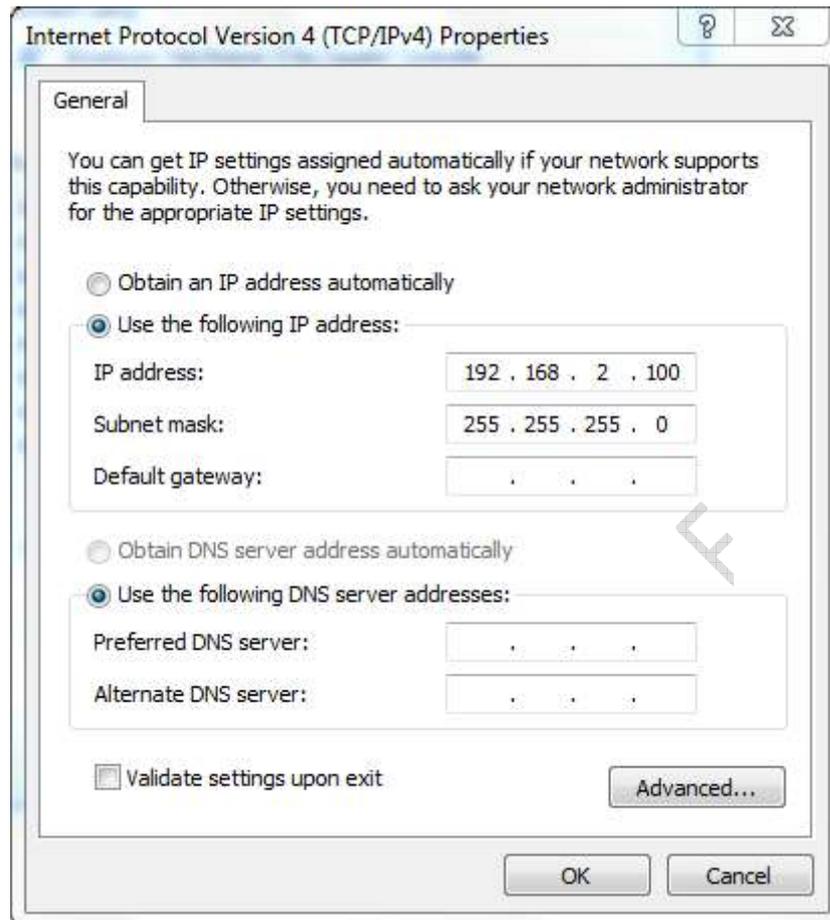
Its can either be powered by supplied USB lead or supplied 3PIN PSU. This is great for Satellite receivers such as the Blade BM7000S or the Technomate TM5402HD that only have one USB port, even better news for receivers like the TM500 Super that dont have any USB ports. This really is the WiFi Solution for ALL receivers! You won't believe how good this WiFi Solution really is until you try it. Once configured you can easily tuck behind your receiver/set top box.

To setup the Tenda W150M follow the guide below: -

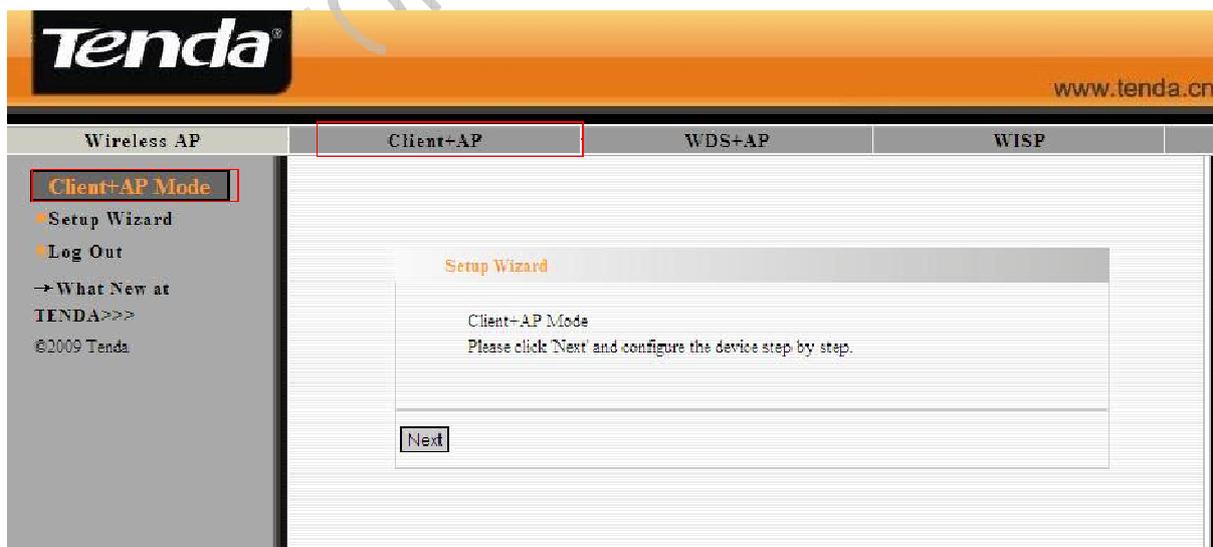
1. Power up the W150M using supplied USB lead or PSU.
2. Press Mode button until Client+AP blue LED is alight.
3. Connect to PC using supplied Ethernet cable.
4. Go to Control Panel > Network Connections > Change Adapter Settings > Right Click over Network connection > Select Properties. Click on TCP/IPv4 > Click Properties.



- Now set IP to 192.168.2.100 and subnet mask to 255.255.255.0.



- Click OK.
- Open your browser, Internet Explorer or Firefox etc... and go to web address IP 192.168.2.1 to enter the W150M web interface. Enter defaults Username = admin and password = admin
- See screenshot below and click next.



- In the next screen click Scan.

Client Settings

SSID:

MAC:

Channel:

Security Mode:

WPA/WPA2 Algorithms: TKIP AES

Pass Phrase:

Choose	SSID	MAC	Channel	Security	Signal
<input type="radio"/>	jwis1	00:21:29:b1:d9:c0	2	WPAPSK TKIP	5
<input type="radio"/>		00:85:a0:01:01:64	1	NONE	34
<input type="radio"/>	TENDA	00:b0:0c:30:01:98	1	NONE	20
<input type="radio"/>	Tenda_Public	00:b0:0c:03:c4:02	3	WPAPSK/AES	55
<input type="radio"/>	NETCORE003	08:10:74:62:65:92	4	WPAPSK TKIP	5

10. Select you Wireless network and enter your security network key in the Pass Phrase box.

Click "Next" to the following interface.

11. Wireless Basic Setting (**The rest of this guide has been taken from the supplied manual**)

Wireless Basic Settings

Network Mode:

SSID:

Broadcast SSID: Enable Disable

BSSID:

Channel:

Operating Mode: Mixed Mode Green Field

Channel Bandwidth: 20 20/40

Guard Interval: long Auto

MCS:

Reverse Direction Grant: Disable Enable

Extend Channel:

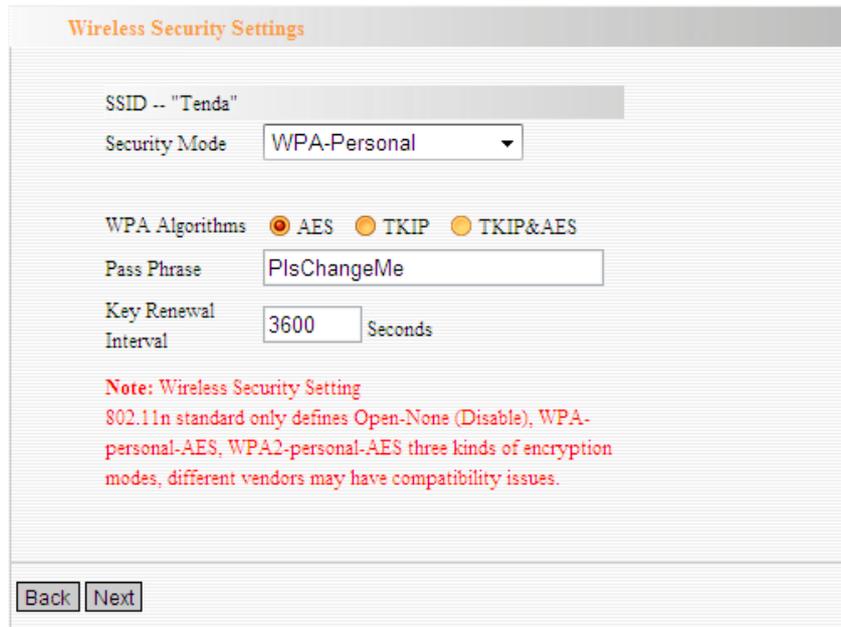
Aggregation MSDU(A-MSDU): Disable Enable

- ✧ Network Mode : Select one mode from the following. The default is 11b/g/n mode.
 - 11b mode : Allow the wireless client to connect with the device in 11b mode at the maximum speed of 11Mbps.
 - 11g mode : Allow the 11g/11n-compliant client device to connect with the AP at the maximum speed of 54Mbps.
 - 11b/g mode: Allow the 11b/g-compliant client device to connect with the AP with auto-negotiation speed, and 11n wireless client to connect the device with 11g speed.
 - 11b/g/n mode: Allow 11b/g/n-compliant client device to connect with the AP with auto-negotiation speed.
- ✧ SSID : SSID (Service Set Identifier) is the unique name of the wireless network. Wireless client must input the same SSID to access.
- ✧ Channel: Specify the effective channel (from 1 to 13\Auto) of the wireless network.
- ✧ Broadcast (SSID): Select “Disable” to disable the device’s SSID to be invisible by the wireless client. If you disable it, client must input the same SSID as the device to access.
- ✧ BSSID: Basic Service Set Identifier of wireless network. In IEEE802.11, BSSID is the MAC address of wireless access point.
- ✧ Extend Channel : To increase data throughput of wireless network, the extension channel range is used in 11n mode.
- ✧ Channel Bandwidth : Select the channel bandwidth to improve the wireless performance. When the network has 11b/g and 11n clients, you can select the 40M; when it is an 11n network, select 20/40M to improve its throughput.

Click “Next” to save configurations.

Note: We suggest you do not change the channel in this mode, or else you can not access the device which you want to connect.

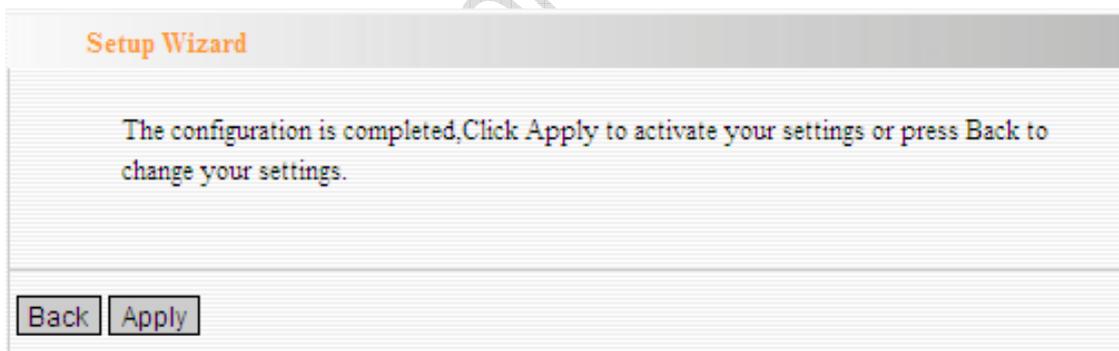
12. Wireless Security Settings



The image shows a web-based configuration interface for wireless security settings. The title is "Wireless Security Settings". The SSID is set to "Tenda". The Security Mode is set to "WPA-Personal". Under WPA Algorithms, "AES" is selected with a radio button, while "TKIP" and "TKIP&AES" are unselected. The Pass Phrase is "PlsChangeMe". The Key Renewal Interval is set to "3600" seconds. A red note at the bottom states: "Note: Wireless Security Setting 802.11n standard only defines Open-None (Disable), WPA-personal-AES, WPA2-personal-AES three kinds of encryption modes, different vendors may have compatibility issues." At the bottom, there are "Back" and "Next" buttons.

It is suggested that you choose WPA-personal for "Security Mode" and AES for "WPA Algorithms." Input 8 ~ 63 numbers, letters, and symbols for pass phrase. Click "Next" to save the configuration. More details please refer to the following chapter.

Click "Apply" to save the configurations and the router will be rebooted automatically.



The image shows a "Setup Wizard" completion screen. The text reads: "The configuration is completed. Click Apply to activate your settings or press Back to change your settings." At the bottom, there are "Back" and "Apply" buttons.

Note: Make sure the device have the same Channel, Security mode and Extend channel as the access point.

13. Go back to Network connections and reset your computer IP address to the previous IP or Obtain IP address automatically.
14. Disconnect from PC and connect to Receiver, set fixed IP address or DHCP, both will work.

That's it, you now be setup and running, that's how easy it is!

This guide has been supplied by www.world-of-satellite.com