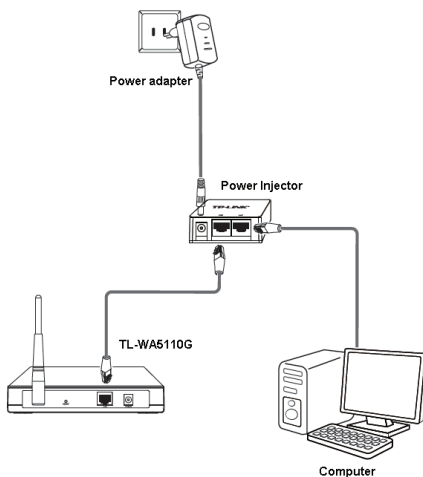


Installation

1 Connecting the device

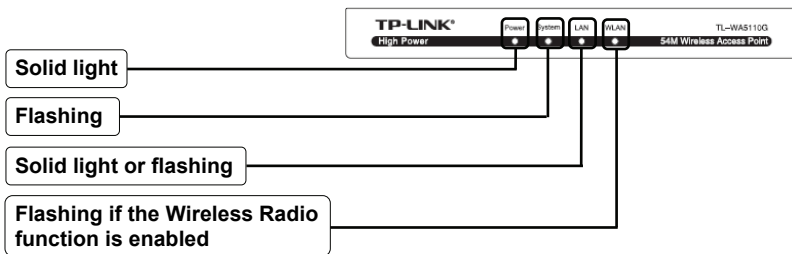
Note Please use only wired network connections to configure the AP.

- 1 Turn off all your network devices, including your computer(s), power injector and the AP.
- 2 Connect your computer to the LAN port on the power injector with an Ethernet cable.
- 3 Plug the provided power adapter into the DC jack on the power injector, and the other end to a standard electrical wall socket.
- 4 Connect your AP to the PoE port on the power injector with an Ethernet cable.



Note The power adapter can be directly connected to the AP too. In this way you can connect your computer directly to the AP with an Ethernet cable.

- 5 Turn on all your network devices and then check to see if the LEDs on the AP display normally as the diagram below describes.



Note If the LEDs display abnormally, please check to see if all the cable connectors (power adapter and Ethernet cable) are well connected to your device.

2 Configuring the device

Note You will need to assign your computer a **Static IP address** within the same range as the AP's IP address. See the **Troubleshooting T3** if you need assistance.

1 Login

Open your web browser and type in **http://192.168.1.254** in the address bar and press **Enter**



A dialog box will prompt you for the **User name** and **Password**. Enter the default values and click **OK**.

User name: admin
Password: admin

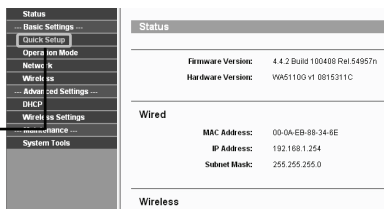
Click **OK**



Note If the dialog box does not pop up, please refer to **T3** in the **Troubleshooting** guide. **T2** will give you some help if you forget the password.

The web management page will display after successfully logging in.

Click **Quick Setup**



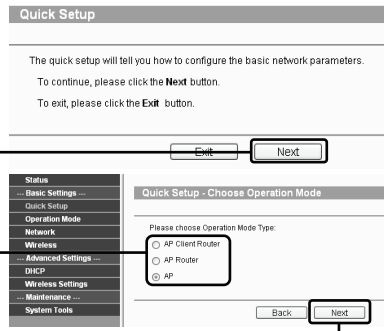
2 Operation Mode Setting

This page will then display.

Click **Next**

Choose the **Operation Mode Type** appropriate to your needs

Click **Next**



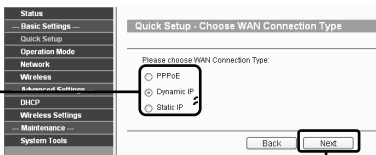
Note The AP supports three operation mode types: **AP Client Router**, **AP Router** and **AP**.

- a) If you want to connect to your WISP, please choose **AP Client Router** mode and proceed to **A**;
- b) If you want to configure a point to point connection, please skip to **B**;
- c) If you want to configure a repeater, please skip to **C**.

A. Configuration for WISP Client (CPE)

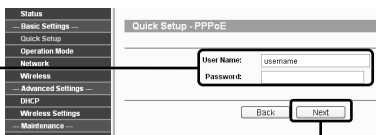
After choosing the **AP Client Router** mode on the above page, this page will then display.

Choose your **WAN Connection Type** provided by your WISP. Here we choose PPPoE as an example



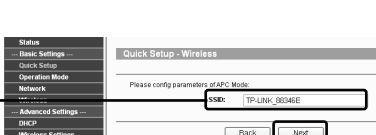
Click **Next**

Enter the **Username** and **Password** given by your WISP



Click **Next**

Enter the **SSID** provided by your WISP




Click **Next**

Note The **Username** and **Password** are provided by your WISP.

Click **Finish** to exit the **Quick Setup** wizard and wait until the AP completes rebooting automatically. The changes will take effect after rebooting.

Click **Finish**



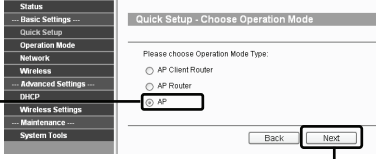
B. Configuration for Point to Point Connection

Note Two TL-WA5110G Access Points are needed for this application.

1) The AP Setting

Select **AP**

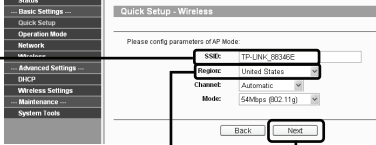
Click **Next**



Enter a unique name for your wireless network; however, choose a name that is easily remembered by network users. Here we enter **TP-LINK_88346E** as the SSID for example


Select your region from the drop-down list

Click **Next**



Click **Finish** to exit the **Quick Setup** wizard and wait until the AP completes rebooting automatically. The changes will take effect after rebooting.

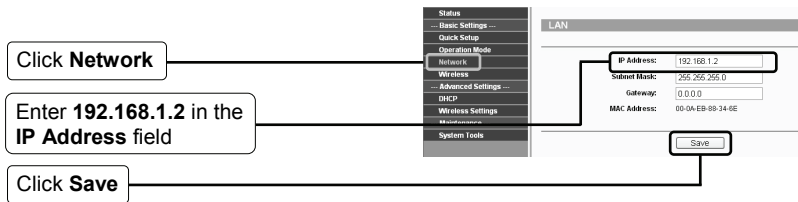
Click **Finish**



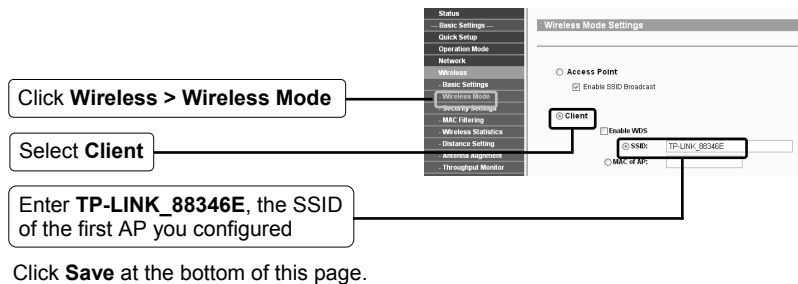
After successfully logging in, configure the other TL-WA5110G by following the steps below.

2) The Client Setting

Note You should change the default LAN IP address of the Client from 192.168.1.254 to 192.168.1.X (X can be any number from 1 to 253) to avoid an IP conflict with the former AP. Here we choose 192.168.1.2 as an example.

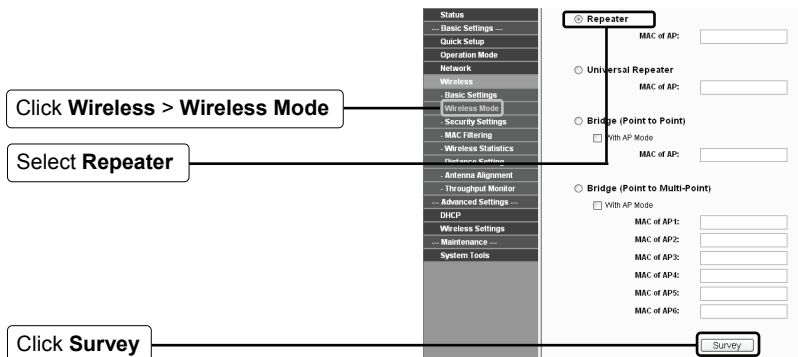


Note The AP will begin rebooting automatically after clicking **Save**.



Click **Save** at the bottom of this page.

C. Configuration for Repeater



This page will then display.

Find the BSSID of the remote AP that you want to repeat, and then write it down or copy it. Here we copy the BSSID of 'TP-LINK' that is 00-19-E0-94-51-F4

ID	BSSID	SSID	Signal	Channel	Security	Choose
1	00-24-1F-8A-A1-05	ThomsonM4D48	5 dB	11	OFF	Connect
2	84-0C-8D-2F-52-7C	TP-LINK_2F527C	28 dB	2	OFF	Connect
3	00-1D-07-01-06-13	TP-LINK_010613	7 dB	4	OFF	Connect
4	00-19-E0-94-51-F4	TP-LINK	19 dB	1	ON	Connect
5	00-11-1F-04-89-94		28 dB	4	ON	Connect

[Refresh](#)

Enter or paste the BSSID of the remote AP into the box under **Repeater**

Status

- Basic Settings
- Local Setup
- Operation Mode
- Network
- Wireless
- Basic Settings
- Wireless Mode
- Security Settings

Repeater

Universal Repeater

Bridge (Point to Point)

Note The BSSID is the same as the MAC address.

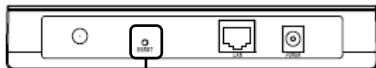
Then click **Save** at the bottom of this page.



Troubleshooting

T1. How do I restore my Router's configuration to its factory default settings?

With the AP powered on, press and hold the **RESET** button on the rear panel for 8 to 10 seconds before releasing it.



Hold it in for 8 to 10 seconds

Note Once the AP is reset, the current configuration settings will be lost and you will need to reconfigure the router.

T2. What can I do if I forget my password?

- 1) Restore the AP's configuration to its factory default settings. If you don't know how to do that, please refer to previous section **T1**;
- 2) Use the default user name and password: **admin, admin**;
- 3) Try to reconfigure your AP by following the instructions of this QIG.

T3. How can I do if I want to configure the High Power?

- 1) Click "**Wireless > Basic Settings**" to enter Wireless Settings page.
- 2) If you want to use the high power mode, check the box before "**Enable High Power Mode**" and options available of the **Power** list will be 26dBm Max, 23dBm, 20dBm, 17dBm, 14dBm Min.
- 3) If you don't want to use the high power mode, deselect the box before "**Enable High Power Mode**" and options available of the **Power** list will be Max, 1/2, 1/4, 1/8, Min.
- 4) Click **Save** to save the changes.

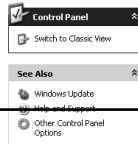
T4. What can I do if I cannot access the web-based configuration page?

- 1) Configure your computer's IP Address.

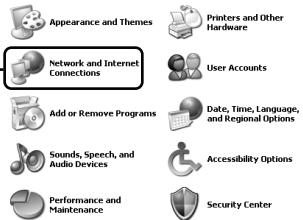
For Windows XP OS

Go to **Start > Control Panel**, you will then see the following page.

Click **Network and Internet Connections**



Pick a category



Click **Network Connections**

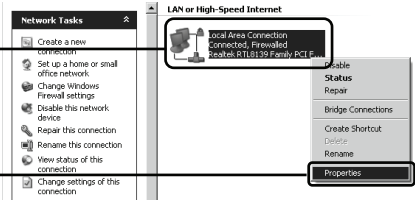
Pick a task...

- Set up or change your Internet connection
- Create a connection to the network at your workplace
- Set up or change your home or small office network
- Set up a wireless network for a home or small office
- Change Windows Firewall settings

or pick a Control Panel icon

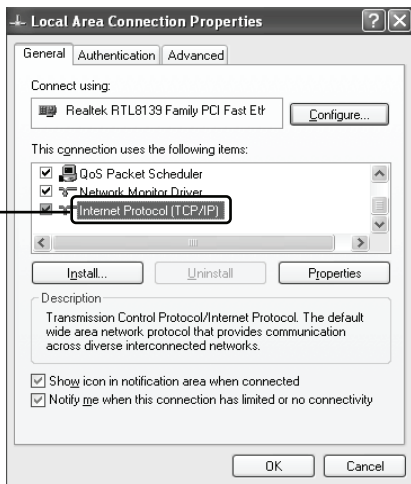


Right-click **Local Area Connection**



Click **Properties**

Double-click **Internet Protocol (TCP/IP)**



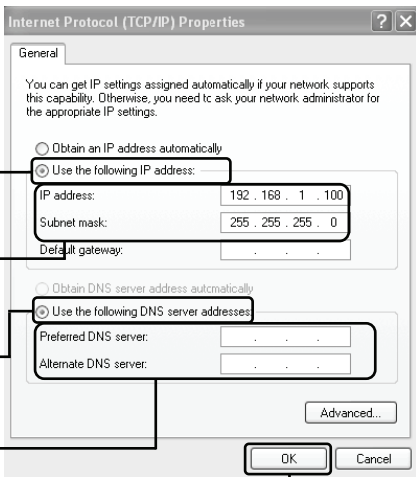
Select **Use the following IP address**

Enter the **192.168.1.100** into the IP address field, **255.255.255.0** into the Subnet mask field

Select **Use the following DNS server addresses**

Enter the **DNS server address** provided by your ISP or network administrator

Click **OK**



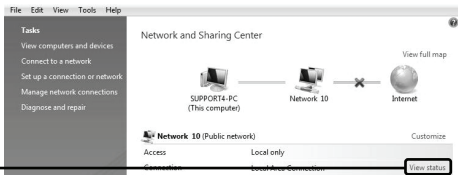
For Windows Vista / Windows 7 OS

Go to **Start > Settings > Control Panel**, and then you will see the following page.

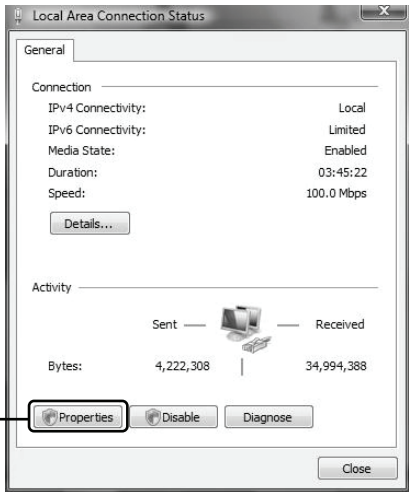
Click **View network status and tasks**



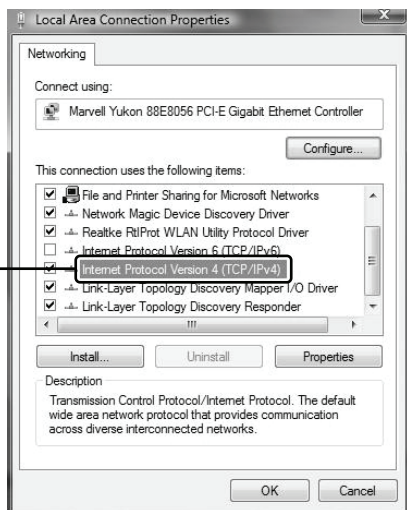
Click **View status**



Click **Properties**



Double-click **Internet Protocol Version 4 (TCP/IPv4)**



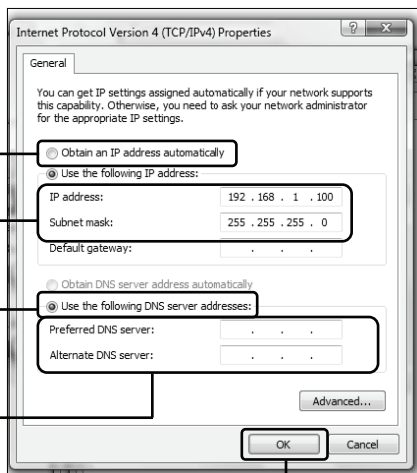
Select **Use the following IP address**

Enter the 192.168.1.100 into the IP address field, 255.255.255.0 into the Subnet mask field

Select **Use the following DNS server addresses**

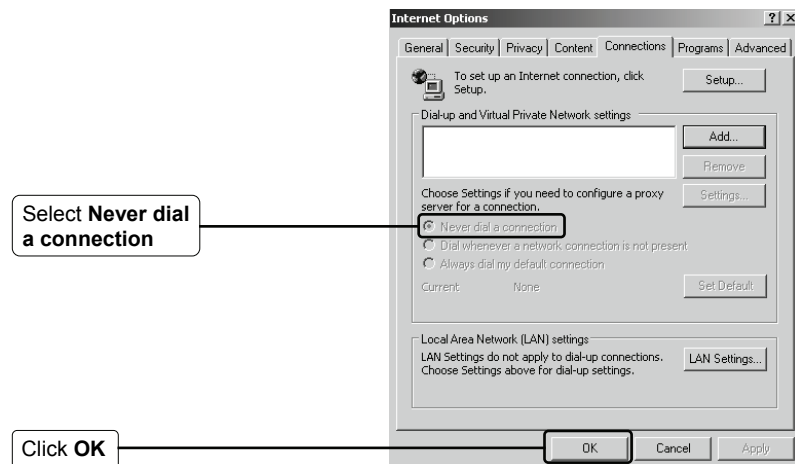
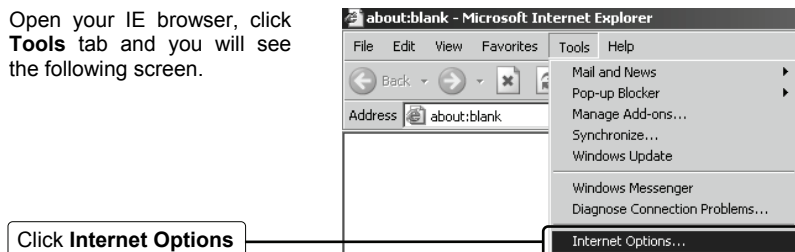
Enter the **DNS server address** provided by your ISP or network administrator

Click **OK**



2) Configure your IE browser.

Open your IE browser, click **Tools** tab and you will see the following screen.



Now, try to log on to the Web-based configuration page again after the above settings have been configured. If you still cannot access the configuration page, please restore your AP's factory default settings and reconfigure your AP following the instructions of this QIG. Please feel free to contact our Technical Support if the problem persists.

Note For more details about Troubleshooting and Technical Support contact information, please logon to our Technical Support Website:
<http://www.tp-link.com/support/Support.asp>

Technical Support

- For more troubleshooting help, go to:
www.tp-link.com/support/faq.asp
- To download the latest Firmware, Driver, Utility and User Guide, go to:
www.tp-link.com/support/download.asp
- For all other technical support, please contact us by using the following details:

Global

Tel: +86 755 26504400

E-mail : support@tp-link.com

Service time: 24hrs, 7days a week

Singapore

Tel: +65 62840493

E-mail: support.sg@tp-link.com

Service time: 24hrs, 7days a week

Germany / Austria / Switzerland

Tel: +49 1805 875465 (German

Service)

E-mail: support.de@tp-link.com

Service time: GMT+ 1 or GMT+ 2

(Daylight Saving Time in Germany)

Except bank holidays in Hesse

Australia & New Zealand

Tel: AU 1300 87 5465

NZ 0800 87 5465

E-mail: support@tp-link.com.au

Service time: Monday to Friday

9:00 AM to 9:00 PM AEST

USA/Canada

Toll Free: +1 866 225 8139

E-mail: support.usa@tp-link.com

Service time: 24hrs, 7days a week

UK

Tel: +44 (0) 845 147 0017

E-mail: support.uk@tp-link.com

Service time: 24hrs, 7days a week