Installation
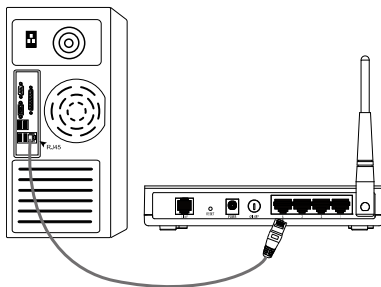
Connecting the device

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

1 Power down all of your network devices, including your computer(s) and the Modem Router. If you currently use a modem, disconnect it now - the Modem Router will replace your current modem.

2 Connect your computer to the LAN port on the Modem Router with an Ethernet cable.

3 Connect the splitter to the wall jack using a telephone line, then use the other telephone line to directly connect it to the LINE port of the Modem Router and the MODEM port of the splitter, also have the PHONE port of the splitter connected to a telephone.
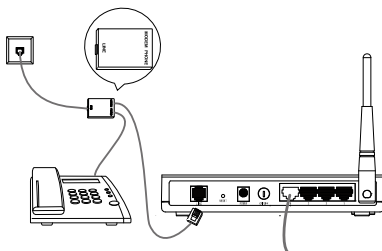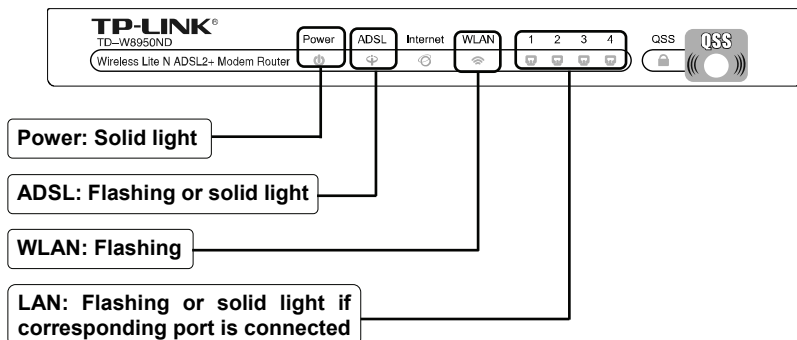
Note If no telephone is needed, please connect the LINE port of the Modem Router to the wall jack using the telephone line directly.

4 Plug the provided Power Adapter into the Power jack on the back of the Modem Router and the other end to a standard electrical wall socket.
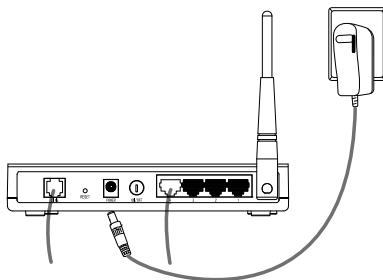
5 Power on all your network devices and then check to see if the LEDs of the Router display normally as the diagram below describes.

| **Power: Solid light** |
| **ADSL: Flashing or solid light** |
| **WLAN: Flashing** |
| **LAN: Flashing or solid light if corresponding port is connected** |

Note If the LEDs display abnormally, please check to see if all the cable connectors (power adapter, phone line and Ethernet cable) are well connected to your device. With the phone line well connected, if the ADSL LED turns off after flashing, please contact your ISP to ensure that your internet connection is active.
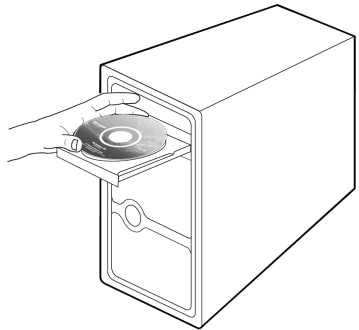
2   Configuring the device

Note To configure the device, you can either run the setup CD-ROM (method one), or run the Web based Quick Setup Wizard (method two). TP-LINK strongly recommends that you run the setup CD-ROM.

Method One：

Configuring the Device via the Resource CD

1 Insert the provided Resource CD into your CD-ROM drive.

2 The Setup Wizard will automatically pop up on your computer's screen.

Please select your product model and click **Start Setup**

Then a flash video will pop up and show you how to connect your devices. After that, the **Easy Setup Assistant** will start.

Click **START**, and then follow the step-by-step instructions until you complete the configuration

The configuration has now been completed. Please skip to **Step 3 "Testing the Internet Connection"**.
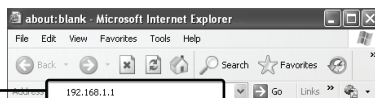
Method Two：

Configuring the device via the Web based Quick Setup Wizard

1 Login

Open your web browser and type in **192.168.1.1** 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**.
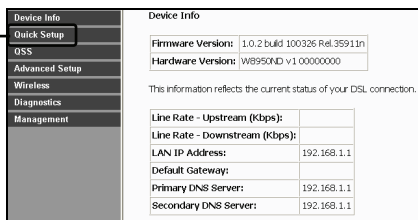
User name: admin
Password: admin

Click **OK**

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

The web management page will display after a successful login.

Click **Quick Setup**

② Internet Parameters Configuration

This page will then display.

Enter the **VPI** and **VCI** values given by your ISP

Click **Next**

Note If you did not get the **VPI**, **VCI** and **WAN Link Type** information, please contact your ISP for this information.

Choose the **Connection Type** given by your ISP.
If **PPPoE/PPPoA** is selected, please proceed to **A**;
If **MER** is selected, please skip to **B**;
If **IPoA** is selected, please skip to **C**;
If **Bridging** is selected, please skip to ③ **WAN Setup - Summary**.

Click **Next**

Note If you did not get the **Connection Type** information, please contact your ISP for this information.

Note **Bridging** mode is not recommended because multiple computers are not permitted to share Internet access in this mode.

A. Configuration For PPPoE/PPPoA

This page will then display

Enter the **Username** and **Password** given by your ISP.

Click **Next**

Click **Next**

Note If you did not get the **PPP Username** or **PPP Password**, please contact your ISP for this information.

Note The configuration for **PPPoA** is similar to that of **PPPoE**.

After completing the above configuration, please proceed to ③ **Wireless Configuration**.

B. Configuration For MER

Enter the parameters provided by your ISP

Click **Next**

Network Address Translation Settings

Network Address Translation (NAT) allows you to share one Wide Area Network (WAN) IP address for multiple computers on your Local Area Network (LAN).

Enable NAT ☑
Enable Fullcone NAT ☐
Enable Firewall ☑

Enable IGMP Multicast, and WAN Service

Enable IGMP Multicast ☑
Enable WAN Service ☑
Service Name: mer_0_35 (Only letters, numbers and underline are allowed)

Click **Next**

[Next]

After completing the above configuration, please proceed to **3** **Wireless Configuration**.

C. Configuration For IPoA

WAN IP Settings

Enter information provided to you by your ISP to configure the WAN IP settings.

Note: DHCP is not supported in IPoA mode. Changing the default gateway or the DNS effects the whole system. Configuring them with static values will disable the automatic assignment from other WAN connection.

Manually enter the **IP address**, **Subnet Mask**, **default gateway** and **DNS server addresses** provided by your ISP

WAN IP Address: 172.31.70.22
WAN Subnet Mask: 255.255.255.0

☑ Use the following default gateway:
  ☑ Use IP Address: 172.31.70.1
  ☐ Use WAN Interface: ipoa_0_35/ipa_0_0_35 ▾
☐ Use the following DNS server addresses:
  Primary DNS server:
  Secondary DNS server:

Click **Next**

[Back] [Next]

Network Address Translation Settings

Network Address Translation (NAT) allows you to share one Wide Area Network (WAN) IP address for multiple computers on your Local Area Network (LAN).

Enable NAT ☑
Enable Fullcone NAT ☐
Enable Firewall ☑

Enable IGMP Multicast, and WAN Service

Enable IGMP Multicast ☑
Enable WAN Service ☑
Service Name: ipoa_0_35 (Only letters, numbers and underline are allowed)

Click **Next**

[Back] [Next]

Note If you did not get the **IP Address**, **Subnet Mask** and **DNS** addresses, please contact your ISP for this information.

After completing the above configuration, please proceed to **3** **Wireless Configuration**.

D. Configuration For Bridge Mode

Click **Next**

After completing the above configuration, please proceed to **3** **Wireless Configuration**.

3 Wireless Configuration

Create a unique and easy to remember name for your wireless network. You can also keep the default setting without the device being affected

Click **Next**

Note The wireless security is **Disabled** by default. You are suggested to select a **Network Authentication** for security settings.

After completing the above configuration, please proceed to **4** **Quick Setup - Finish**.

4 WAN Setup – Summary

To continue, the following page will be displayed (take PPPoE for example).

Click **Save/Reboot**

Note The information on this page will differ depending on the very connection type you select in **2 Internet Parameters Configuration**.

Now, your Modem Router has been configured and is rebooting. Please do not turn off the Modem Router while it's rebooting.

3 Testing the Internet Connection

The basic settings for your Router are completed. Please open the web browser and log on to the following websites:
http://www.tp-link.com
http://www.google.com

If the above websites can be accessed, it indicates that your Router has been configured successfully and you can start to enjoy the Internet. If the websites cannot be accessed, please refer to "**T4. What can I do if I cannot access the Internet?**" in the **Troubleshooting** guide.

Note For the advanced configurations，please refer to the User Guide on the CD-ROM provided.

Note The above configurations only need to be set once. If you want other computers in your LAN to access the Internet, please connect the desired computer to the ADSL Router directly. If the additional computer can not access the Internet, please set that computer referring to "**T3. What can I do if I cannot access the web-based configuration page?**" in the **Troubleshooting** guide.

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

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

Press it for 8 to 10 seconds

Note Once the Router is reset, the current configuration settings will be lost and you will need to re-configure the Router.

T2. What can I do if I don't know or forgot my password?

1) Restore the Router's configuration to its factory default settings. If you don't know how to do that, please refer to section **T1**.

2) Use the default user name and password: **admin**, **admin**.

3) Try to configure your Router once again by following the instructions in the previous steps of the QIG.

T3. What can I do if I cannot access the web-based configuration page?

1) Configure your computer's IP Address

<u>For Windows XP OS</u>

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

Click **Network and Internet Connections**

Pick a category

See Also

My Network Places
Printers and Other Hardware
Remote Desktop
Phone and Modem Options

Troubleshooters

Home or Small Office Networking
Internet Explorer
Network Diagnostics

Network and Internet 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

Internet Options   Network Connections

Network Setup Wizard   Windows Firewall

Wireless Network Setup Wizard

Click **Network Connections**

LAN or High-Speed Internet

Network Tasks

Create a new connection
Set up a home or small office network
Change Windows Firewall settings
Disable this network device
Repair this connection
Rename this connection
View status of this connection
Change settings of this connection

Local Area Connection
Connected, Firewalled
Realtek RTL8139 Family PCI F...

Disable
Status
Repair

Bridge Connections

Create Shortcut
Delete
Rename

Properties

Right-click **Local Area Connection**

Click **Properties**

Local Area Connection Properties

General | Authentication | Advanced

Connect using:

Realtek RTL8139 Family PCI Fast Eth   Configure...

This connection uses the following items:

☑ QoS Packet Scheduler
☑ Network Monitor Driver
☑ Internet Protocol (TCP/IP)

Install...   Uninstall   Properties

Description
Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.

☑ Show icon in notification area when connected
☑ Notify me when this connection has limited or no connectivity

OK   Cancel

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

Internet Protocol (TCP/IP) Properties

General | Alternate Configuration

You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.

Select **Obtain an IP address automatically**

- ● Obtain an IP address automatically
- ○ Use the following IP address:
  - IP address:
  - Subnet mask:
  - Default gateway:

Select **Obtain DNS server address automatically**

- ● Obtain DNS server address automatically
- ○ Use the following DNS server addresses:
  - Preferred DNS server:
  - Alternate DNS server:

Advanced...

Click **OK**

OK   Cancel

Local Area Connection Properties

General | Authentication | Advanced

Connect using:

Realtek RTL8139 Family PCI Fast Eth   Configure...

This connection uses the following items:

- ☑ QoS Packet Scheduler
- ☑ Network Monitor Driver
- ☑ Internet Protocol (TCP/IP)

Install...   Uninstall   Properties

Description

Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.
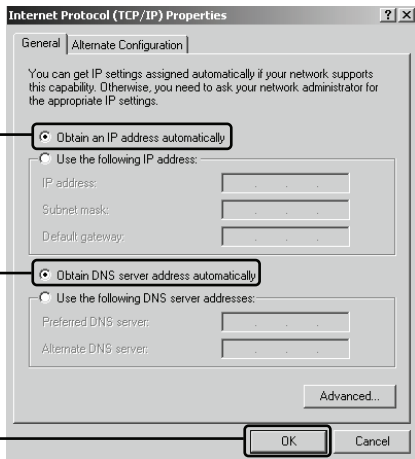
☑ Show icon in notification area when connected
☑ Notify me when this connection has limited or no connectivity

Click **OK**

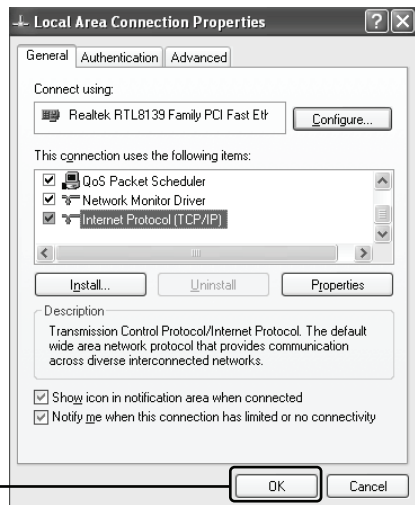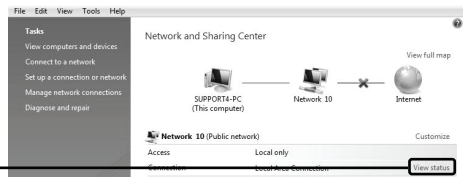OK   Cancel

For Windows Vista OS

Go to **Start** > **Settings** > **Control Panel**, and then you will see the following page.
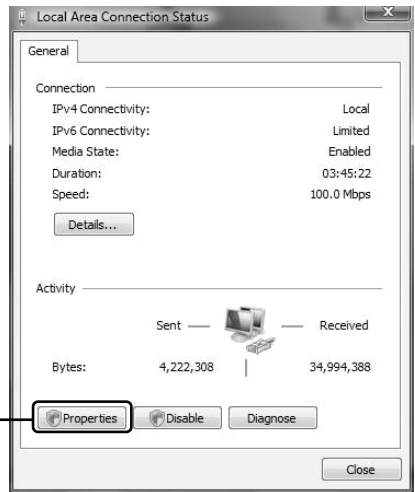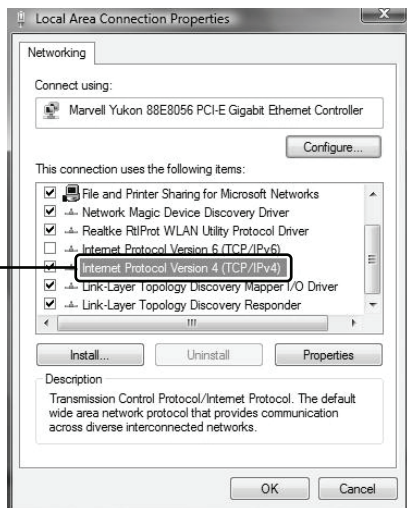
Click **View network status and tasks**

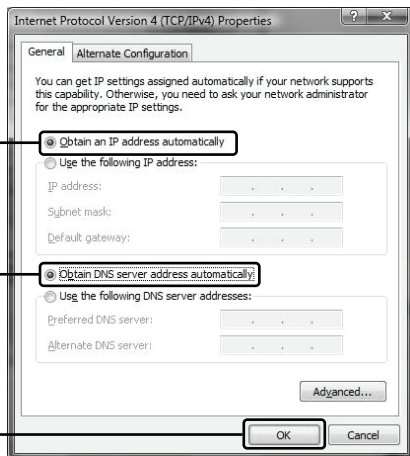Click **View status**

Click **Properties**

Double-click **Internet Protocol Version 4 (TCP/IPv4)**
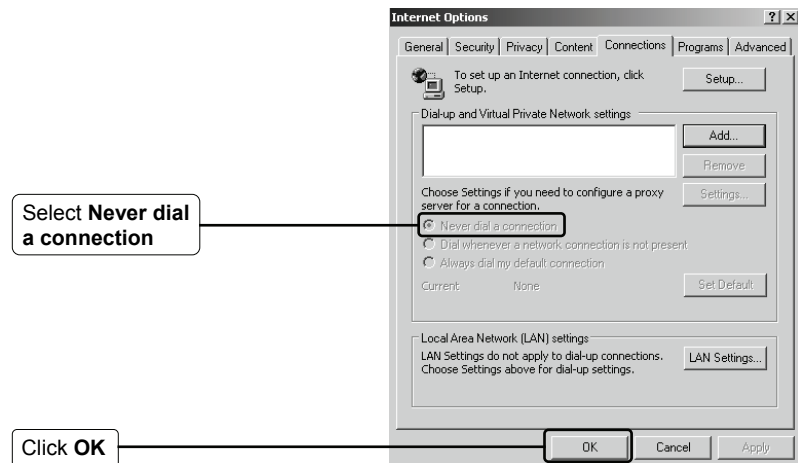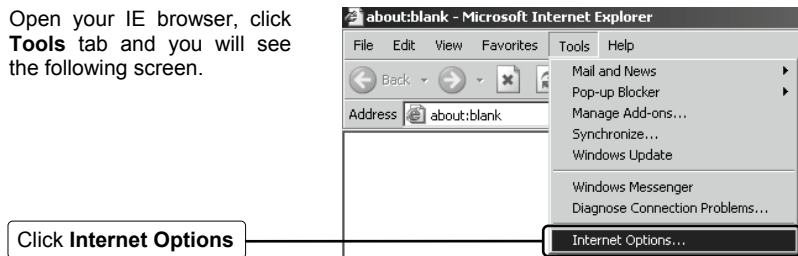
Select **Obtain an IP address automatically**

Select **Obtain DNS server address automatically**

Click **OK**

2) Configure your IE browser

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

Click **Internet Options**

Select **Never dial a connection**

Click **OK**

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 Router's factory default settings and reconfigure your Router following the instructions of this QIG. Please feel free to contact our Technical Support if the problem persists.

T4.   What can I do if I cannot access the Internet?

1)   Check to see if all the connectors are connected well, including the telephone line, Ethernet cables and power adapter.

2)   Consult your ISP and make sure all the VPI/VCI、Connection Type, account username and password are correct. If there are any mistakes, please correct the settings and try again.

3)   If you still cannot access the Internet, please restore your Router to its factory default settings and reconfigure your Router by following the instructions of this QIG.

4)   Please feel free to contact our Technical Support if the problem still exists.

Note For more details about Troubleshooting and Technical Support contact information, please log on 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

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Service time: 24hrs, 7days a week

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E-mail: support.uk@tp-link.com
Service time: 24hrs, 7days a week