# Installation

1 Connecting the device

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

1 Turn off 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.
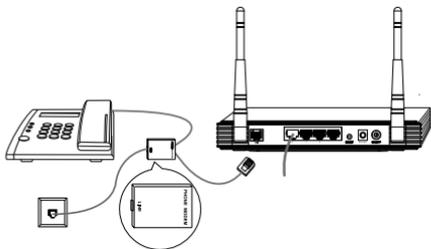
**2** Connect your computer to the Port labeled "1~4" on the Modem Router with an Ethernet cable.
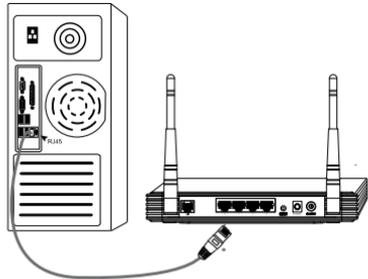
3 Connect the splitter to the wall jack using a telephone line, then use the other telephone line to directly connect it to the LINE port of the Modem Router and the MODEM port of the splitter, also have the PHONE port of the splitter connected to a telephone.
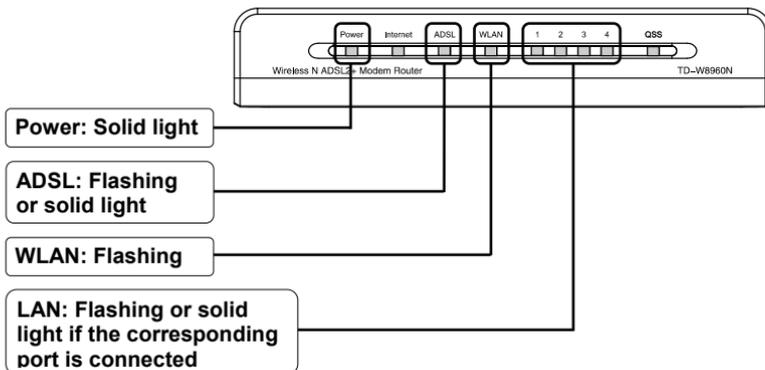
Note If no telephone is needed, please connect the LINE port of the Router to the wall jack using the telephone line directly.

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.
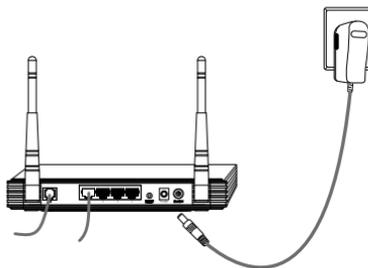
5 Turn on all of your network devices, including your computer(s) and the Modem Router then check to see if the LEDs of the Modem Router display normally as the diagram below describes.

Power: Solid light

ADSL: Flashing or solid light

WLAN: Flashing

LAN: Flashing or solid light if the 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 a quick-flash, please contact your ISP to ensure that your internet connection is active.
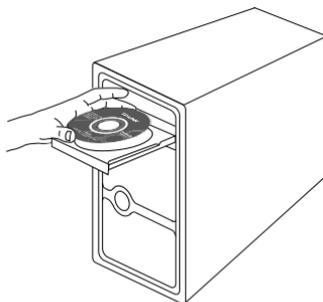
2 Configuring the device

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.

Click **Start Setup**, and then follow the step-by-step instructions until you complete the configuration.
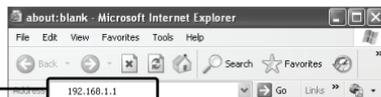
The configuration has now been completed. Please skip to **step 3 Testing the Internet Connection.**

Method Two：

Configuring the device via the Web based Quick Setup Wizard

1 Login

Open your web browser, type in **192.168.1.1** in the address field and press **Enter**.

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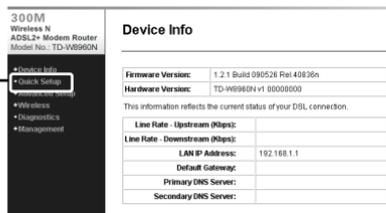
User name：**admin**
Password：**admin**

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 Internal Parameters Configuration

This page will then display.

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

Choose the **WAN Link Type** given by your ISP.

If **PPPoE** or **PPPoA** is selected, please proceed to **A**;
If **IPoE** is selected, please skip to **B**;
If **IPoA** is selected, please skip to **C**.

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

A. Configuration for PPPoA/PPPoE

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

If you want your Internet to remain permanently connected please uncheck the "**Dial on demand**" box. If your Internet is charged by time you may want to select this option in order to save money.

If your ISP gives you a static **DNS** IP address, enter them manually. If not, select obtain them automatically.

Click **Next**

B. Configuration for IPoE

If your ISP gives you a static **WAN**, **Gateway** and **DNS** IP address, enter them manually. If not, select obtain them automatically.

Click **Next**

C. Configuration for IPoA

If your ISP gives you a static **WAN** and **DNS** IP address, enter them manually. If not, select obtain them automatically.

Click **Next**

3 Wireless Parameters Configuration

Choose a special name for your wireless network.

In order to protect your wireless network from hackers and unauthorized users, it is highly recommended you choose **WPA-PSK** , **WPA2-PSK** or **WPA-PSK/WPA2-PSK Network Authentication**.

If you select WPA-PSK, WPA2-PSK or WPA-PSK/WPA2-PSK, you will need to set a Pre-Shared Key.

Click **Save**

Note All the existed **ATM**&**WAN** service will be clean after click the **"Save"** button on this Quick Setup page.

Click **Reboot**

Now, your ADSL Modem Router has been configured and is rebooting. Please do not power off the 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 Modem 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.

Hold it for 8 to 10 seconds
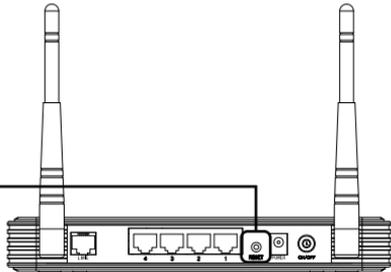
Note Once the Router is reset, the current configuration settings will be lost and you will need to re-enter all the parameters.

T2. **What can I do if I forgot my password?**

1) Restore the Modem 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 Modem Router once again by following the instructions in the previous steps of the QIG.

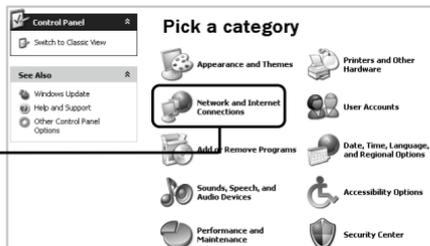**T3.** **What can I do if I cannot access the web-based configuration page?**

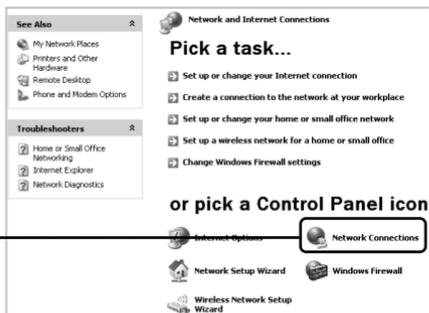1) Configure your computer's IP Address.

<u>For Windows XP OS</u>

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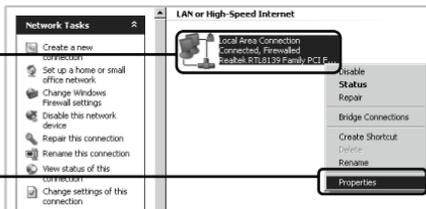
Click **Network and Internet Connections**
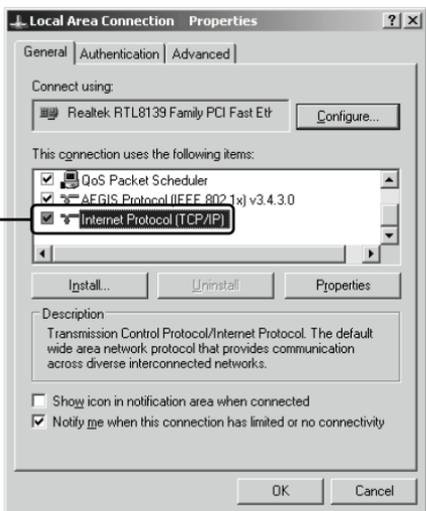
Click **Network Connections**

Right-click **Local Area Connection**

Click **Properties**

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

9

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
  ☑ ▨ AEGIS Protocol (IEEE 802.1x) v3.4.3.0
  ☑ ▨ 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**

Local Area Connection Properties

Networking

Connect using:
Marvell Yukon 88E8056 PCI-E Gigabit Ethernet Controller

Configure...

This connection uses the following items:
- ☑ 🖳 File and Printer Sharing for Microsoft Networks
- ☑ 🔺 Network Magic Device Discovery Driver
- ☑ 🔺 Realtke RtlProt WLAN Utility Protocol Driver
- ☐ 🔺 Internet Protocol Version 6 (TCP/IPv6)
- ☑ 🔺 Internet Protocol Version 4 (TCP/IPv4)
- ☑ 🔺 Link-Layer Topology Discovery Mapper I/O Driver
- ☑ 🔺 Link-Layer Topology Discovery Responder

Install...   Uninstall   Properties

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

OK   Cancel

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

Internet Protocol Version 4 (TCP/IPv4) 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.

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

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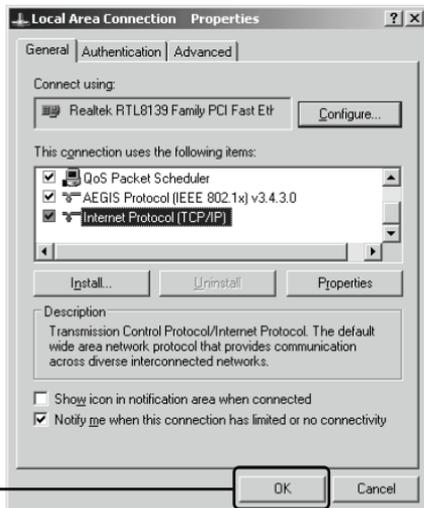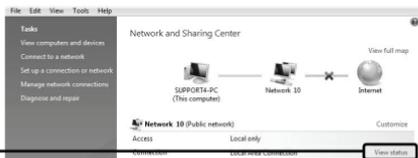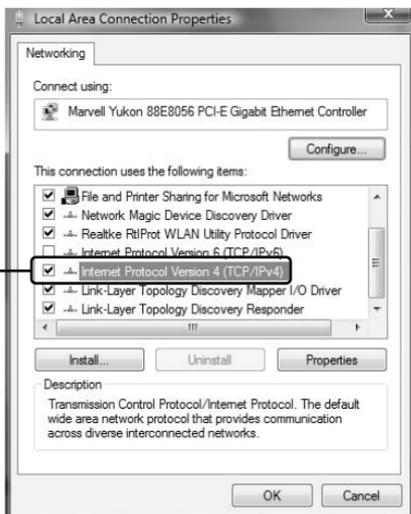Preferred DNS server:
Alternate DNS server:

Advanced...

OK   Cancel

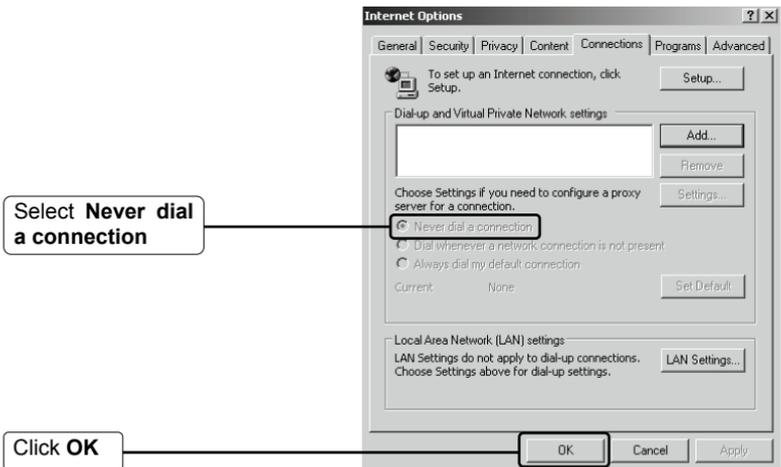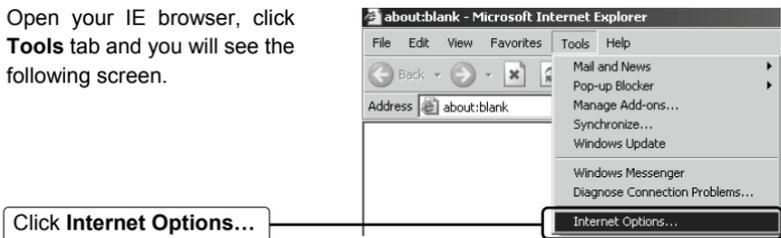Select **Obtain an IP address automatically**

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 settings above. If you still cannot access the configuration page, please restore your Router to its factory default settings and reconfigure your router following the instructions of this QIG. Please feel free to contact our Technical Support if the problem still exists.

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)   Check to see if you can log on to the web management page of the Modem Router. If you can, try the following steps. If you cannot, please set your computer referring to **T3** then try to see if you can access the Internet. If you still cannot access the Internet, please contact our technical support.
3)   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.
4)   If you still cannot access the Internet, please restore your Modem Router to its factory default settings and reconfigure your Modem Router by following the instructions of this QIG.
5)   Please feel free to contact our Technical Support if the problem still 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** |

Log on to the WEB Management Page. Click **Wireless** and select **Security**.

Click **Security**

Select **Mixed WPA2/WPA-PSK**

Enter a security key using more than 8 characters (numbers or letters)

Click **Apply/Save**

Click **Management**

Click **Reboot**

Click **Reboot**

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:

Global

Tel: +86 755 26504400
E-mail: support@tp-link.com
Service time: 24hrs, 7days a week

USA/Canada

Toll Free: +1 866 225 8139
E-mail: support.usa@tp-link.com
Service time: 24hrs, 7days a week

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

Singapore

Tel: +65 63376138
E-mail: support.sg@tp-link.com
Service time: 24hrs, 7days a week