Installation

1 Connecting the device

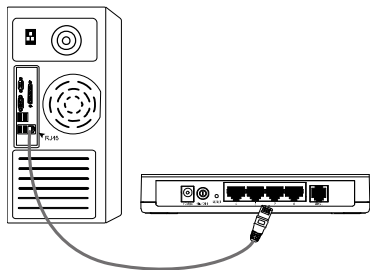Note Please use only wired network connections to configure the Modem Router.

**1** 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 ADSL port on the Modem Router and the MODEM port of the splitter, also have the PHONE port of the splitter connected to a telephone.
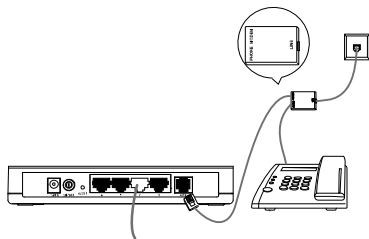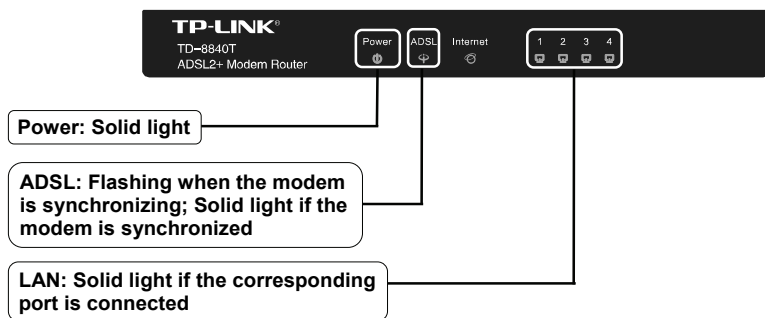

Note If no telephone is needed, please connect the ADSL port of the Modem Router to the wall jack using the telephone line directly.

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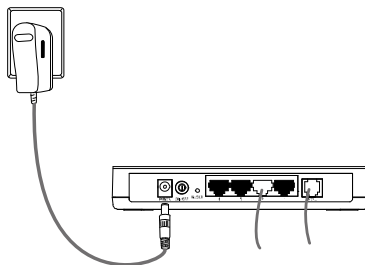
5 Turn on all of your network devices, including your computer(s) and the Modem Router then check to see if the LEDs of the Modem Router display normally as the diagram below describes.

Power: Solid light

ADSL: Flashing when the modem is synchronizing; Solid light if the modem is synchronized

LAN: 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.

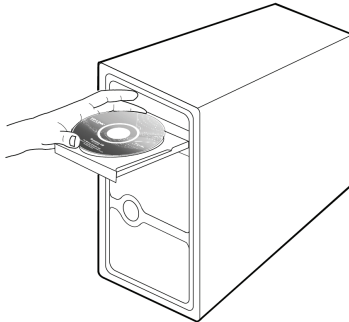**2** Configuring the device

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

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 **NEXT**, and then follow the step-by-step instructions until you complete the configuration
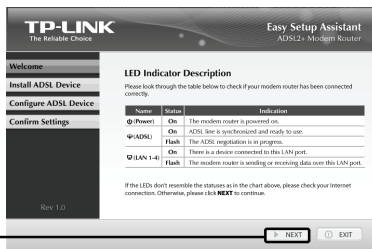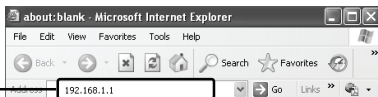
The configuration has now been completed. Please skip to **Step 3 "Testing the Internet Connection"** on page 8.

Method Two：

Configuring the device via the Web based Quick Setup Wizard

1 Login

Open your web browser and type in 0H**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**.
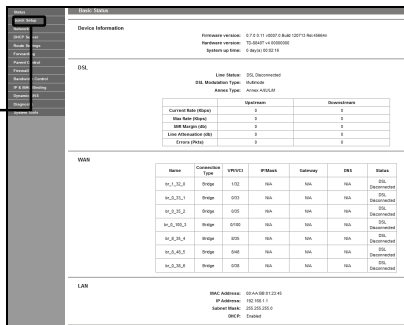
User name: admin
Password: admin

Click **OK**

Note If the dialog box does not pop up, please refer to **T3** in the **Troubleshooting** guide on page 9. **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.

> **Quick Setup - Start**
>
> This guide will help you set basic parameters for Internet connection. Please click NEXT to continue.
>
> For funciton or parameters in details, please click the corresponding menu on the left.
>
> [Next]

Click **Next**

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

> **Quick Setup - DSL**
>
> Please enter the VPI/VCI provided by your ISP(Internet Service Provider).
>
> **VPI:** 8   (Range: 0-255)
> **VCI:** 35   (Range: 1-65535)
>
> [Previous] [Next]

Click **Next**

Choose the **WAN Type** given by your ISP.
If **PPPoE** or **PPPoA** is selected, please proceed to **A**;
If **Dynamic IP** is selected, please skip to **B**;
If **Static IP** or **IPoA** is selected, please skip to **C**;
If **Bridge** is selected, please skip to **D**.

> **Quick Setup - WAN Type**
>
> Please select the connection type provided by your ISP. For other type, please click "Network > WAN settings" on the left menu to configure it.
>
> ○ **PPPoE** (For the connection required a username and password)
> ○ **PPPoA** (For the connection required a username and password)
> ○ **Dynamic IP** (For automatically obtaining the dynamic IP address from ISP, also called IPoE or MER)
> ○ **Static IP** (For manually setting the static IP address from ISP, also called IPoE Static IP)
> ○ **IPoA** (For manually setting the static IP address from ISP, also called IPoA Static IP)
> ○ **Bridge** (For dialing up from the single computer or router)
> Note: IPoA & PPPoA didn't support single-PVC-multi-connection. They are disabled for connections already exist in this PVC.
>
> [Previous] [Next]

Click **Next**

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

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

5

A. Configuration for PPPoE or PPPoA

This page will then display.

Enter the **Username**, **Password** and **Confirm Password** provided by your ISP

Click **Next**

Quick Setup - PPPoE

Please enter ADSL Username and Password. If you forget them, please consult your ISP.

Username:
Password:
Confirm Password:

Previous   Next

Note If you are using the modem on a new DSL line and have not completed your DSL provider's online registration, you may be using a generic username and password. When registration is completed, you will need to update the username and password if you have created a new one.

B. Configuration for Dynamic IP

This type doesn't need to be configured.

C. Configuration for Static IP or IPoA

This page will then display.

Enter the **Static IP** information provided by your ISP manually

Click **Next**

Quick Setup - Static IP

Please enter the basic parameters provided by your ISP. If you forget, please ask your ISP.

IP Address: 0.0.0.0
Subnet Mask: 0.0.0.0
Gateway: 0.0.0.0
DNS Server: 0.0.0.0   (Optional)
Secondary DNS Server: 0.0.0.0   (Optional)

Previous   Next

D. Configuration for Bridge Mode

This type doesn't need to be configured.

After completing the above configuration, please proceed to ③ **Quick Setup Complete**.

③ Quick Setup Complete

Save page will be displayed. Please confirm all parameters. Click **Previous** to modify or click the **Save** button to make the configuration take effect.

To continue, the following page will be displayed.

Quick Setup - Complete
Setup Status
WAN Connection Configuring...   Success
Gateway and DNS Configuring...   Success
Setup has completed.Please click FINISH to exit.
Note: If the Modem Router still can not connect to the internet, please click "Network > WAN Settings" menu on the left to confirm the WAN connection type and mode on the WAN Settings page.
Finish

Click **Finish**

Now, your Modem Router has been configured.

3 Testing the Internet Connection

The basic settings for your Modem 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 Modem 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 on page 14.

Note For the advanced configurations, please refer to the User Guide on the Resource CD 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 Modem Router directly. If the additional computer can not access the Internet, please configure the computer's IP address referring to "**T3. What can I do if I cannot access the web-based configuration page?**" in the **Troubleshooting** guide on page 9.

Troubleshooting

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.
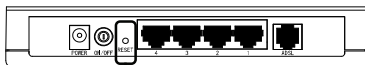
Hold it for 8 to 10 seconds

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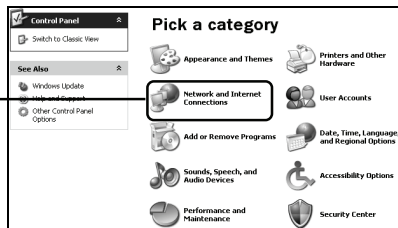
T3.   What can I do if I cannot access the web-based configuration page?

1)   Configure your computer's IP Address.
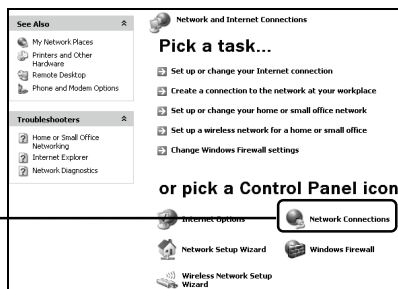
<u>For Windows XP OS</u>

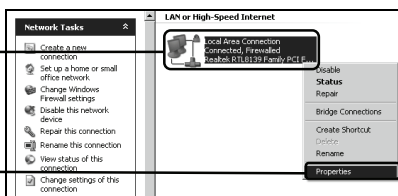Go to **Start** > **Settings** > **Control Panel**, and then you will see the following page.

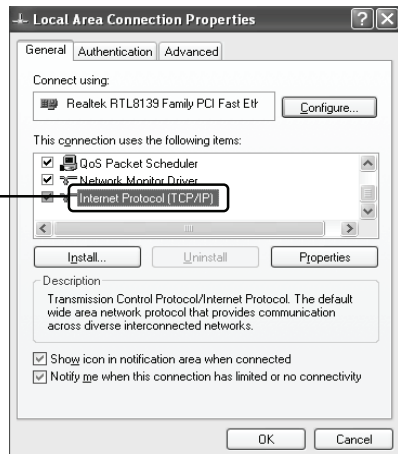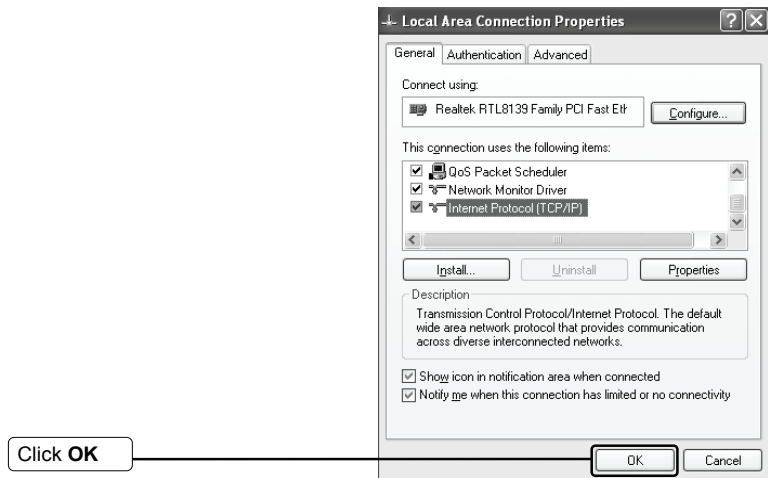Click **Network and Internet Connections**

Click **Network Connections**
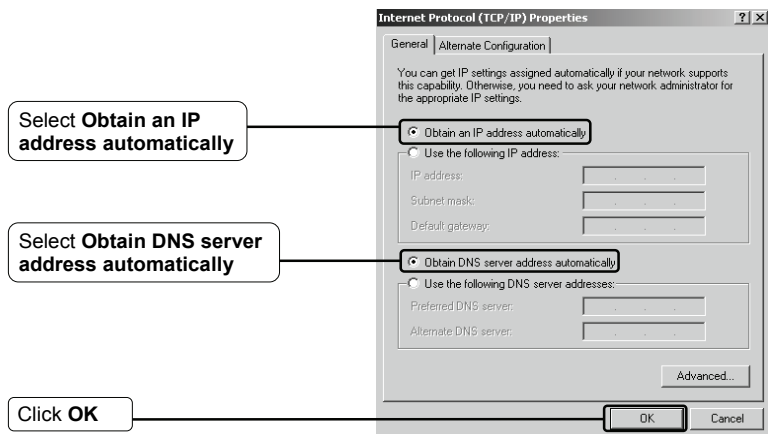

Right-click **Local Area Connection**

Click **Properties**

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

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
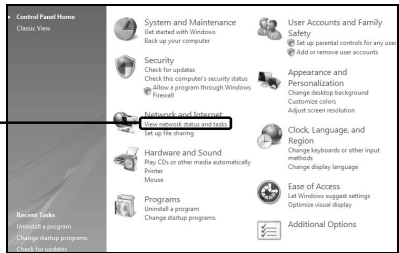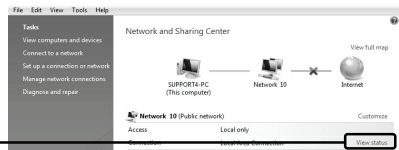
Click **OK**

OK | Cancel

For Windows Vista OS

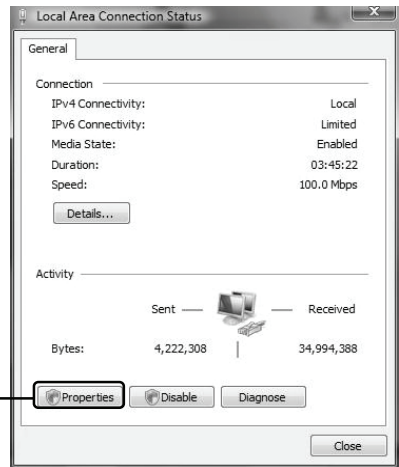Go to **Start** > **Settings** > **Control Panel**, and then you will see the following page.
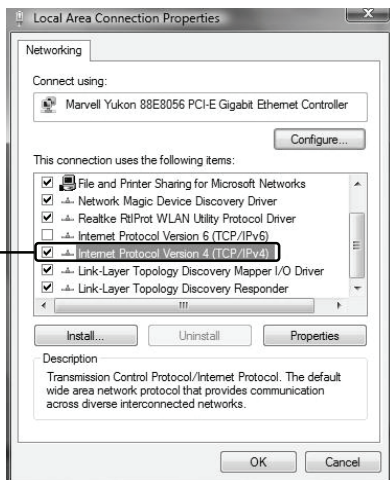
Click **View network status and tasks**

Click **View status**

Click **Properties**

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

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

Select **Obtain an IP address automatically**

Select **Obtain DNS server address automatically**

Click **OK**

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

For Windows 7 OS

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

Click **View network status and tasks**

Click **Change adapter settings**
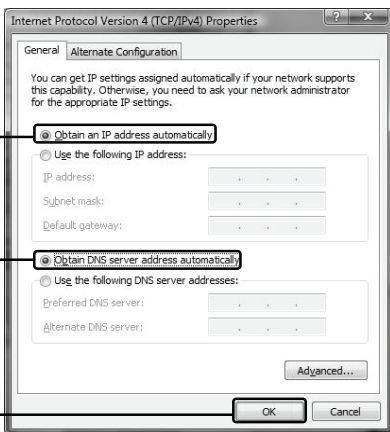

Right-click **Local Area Connection**

Click **Properties**

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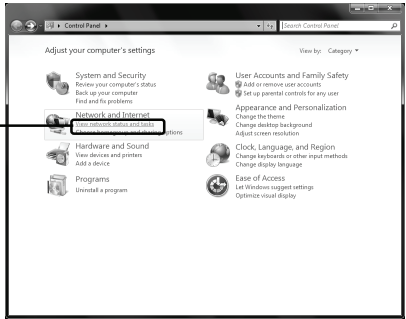
Select **Obtain an IP address automatically**

Select **Obtain DNS server address automatically**
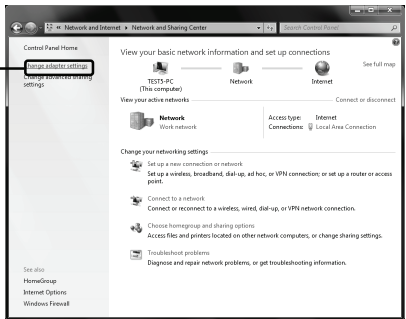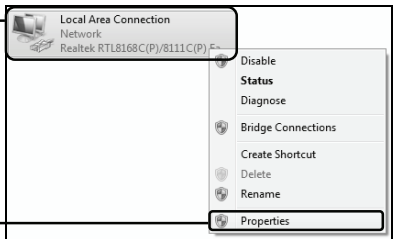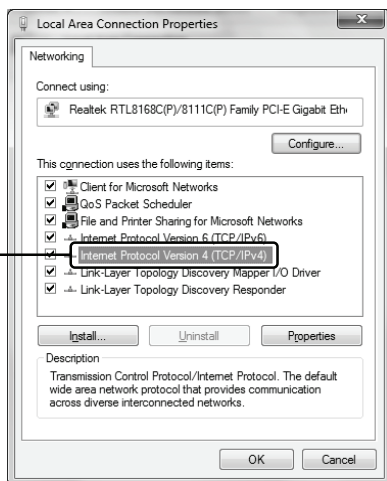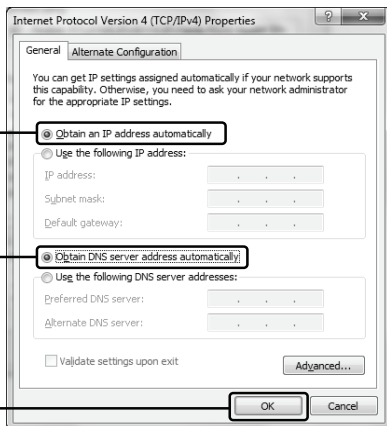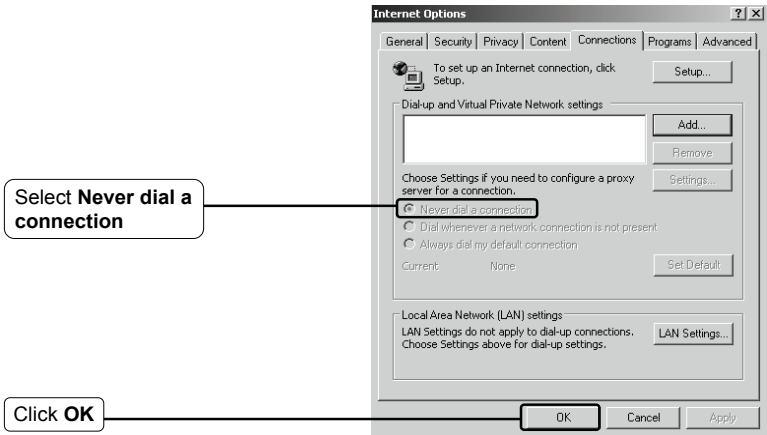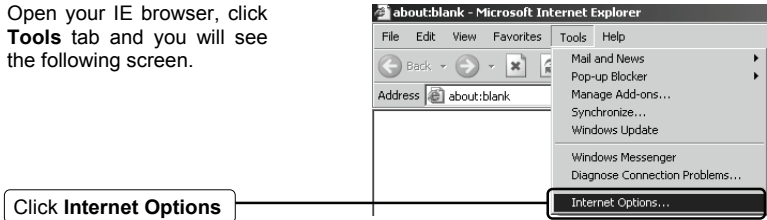
Click **OK**

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 Modem Router's factory default settings and reconfigure your Modem 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) 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 go to the next step.

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 log on to our Technical Support Website: **http://www.tp-link.com/en/support**

Technical Support

- For more troubleshooting help, go to:
  http://www.tp-link.com/en/support/faq
- To download the latest Firmware, Driver, Utility and User Guide, go to:
  http://www.tp-link.com/en/support/download
- 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, 7 days a week

UK
Tel: +44 (0) 845 147 0017
E-mail: support.uk@tp-link.com
Service time: 24hrs, 7 days a week

Turkey
Tel: 444 19 25 (Turkish Service）
E-mail: support.tr@tp-link.com
Service time: 9:00 AM to 9:00 PM
7 days a week

Ukraine
Tel: 0-800-505-508
E-mail: support.ua@tp-link.com
Service time: Monday to Friday
14:00 PM to 22:00 PM

Brazil
Toll Free: 0800-770-4337 (Portuguese
Service)
E-mail: suporte.br@tp-link.com
Service time: Monday to Saturday
08:00 AM to 08:00 PM

France
Tel: +33 (0) 820 800 860 (French service)
Email: support.fr@tp-link.com
Fee: 0.118 EUR/min from France
Service time: Monday to Friday 9:00 AM to
6:00 PM (Except French Bank holidays)

Russian Federation
Tel: 8 (499) 754-55-60
     8 (800) 250-55-60 (toll-free call from
     any RF region)
E-mail: support.ru@tp-link.com
Service time: From 10:00 to 18:00
(Moscow time)
*Except weekends and holidays in Russian
Federation

Switzerland
Tel: +41 (0) 848 800998 (German Service)
E-mail: support.ch@tp-link.com
Fee: 4-8 Rp/min, depending on rate of
different time
Service time: Monday to Friday 9:00 AM to
6:00 PM. GMT+ 1 or GMT+ 2
(Daylight Saving Time)

Singapore
Tel: +65 62840493
E-mail: support.sg@tp-link.com
Service time: 24hrs, 7 days a week

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

Australia / New Zealand
Tel: AU 1300 87 5465
NZ 0800 87 5465
E-mail: support@tp-link.com.au
Service time: 24hrs, 7 days a week

Italy
Tel: +39 0230519020
E-mail: support.it@tp-link.com
Service time: Monday to Friday
9:00 AM to1:00 PM, 2:00 PM to 6:00 PM

Indonesia
Tel: (+62) 021 6259 135
E-mail : support.id@tp-link.com
Service time : Monday to Friday
9:00 -12:00; 13:00 -18:00
*Except public holidays

Malaysia
Tel: 1300 88 875465 (1300 88TPLINK)
Email: support.my@tp-link.com
Service time: 24hrs, 7 days a week

Poland
Tel: +48 (0) 801 080 618 / +48 22 7217563
(if calls from mobile phone)
E-mail: support.pl@tp-link.com
Service time: Monday to Friday
9:00 AM to 5:00 PM. GMT+1 or GMT+2
(Daylight Saving Time)

Germany / Austria
Tel: +49 1805 875465 (German Service)
     +49 1805 TPLINK
E-mail: support.de@tp-link.com
Fee: 0.14 EUR/min from the German fixed
phone network and up to 0.42 EUR/min
from mobile phone
Service time: Monday to Friday 9:00 AM to
6:00 PM. GMT+ 1 or GMT+ 2
(Daylight Saving Time in Germany)
*Except bank holidays in Hesse