Installation
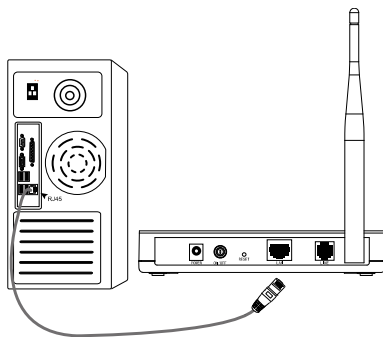
1 Connecting the device

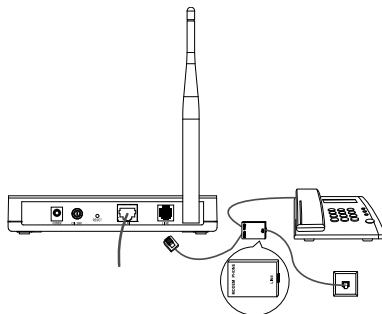Please use only wired network connections to configure the Router.

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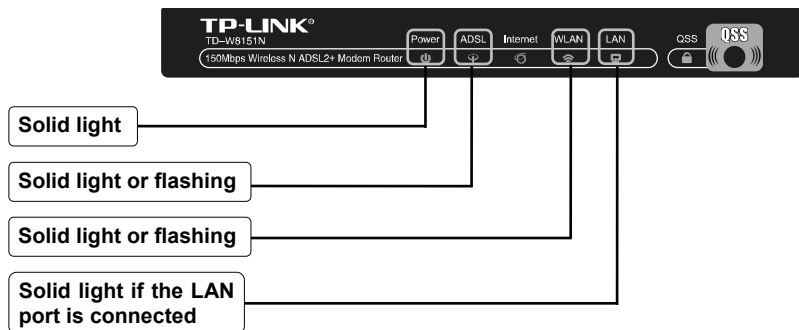
If no telephone is needed, please connect the LINE port of the Modem Router to the wall jack using the telephone line directly.

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.
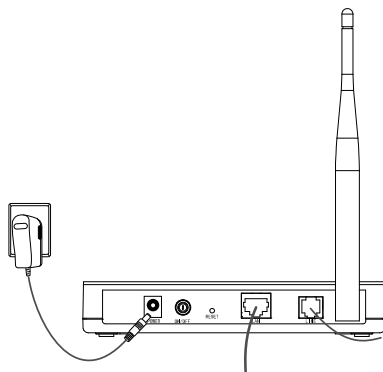
5 Power on all your network devices and then check to see if the LEDs of the Router display normally as the diagram below describes.

TP-LINK®
TD-W8151N
150Mbps Wireless N ADSL2+ Modem Router
Power ADSL Internet WLAN LAN QSS **QSS**

Solid light

Solid light or flashing

Solid light or flashing

Solid light if the LAN 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.
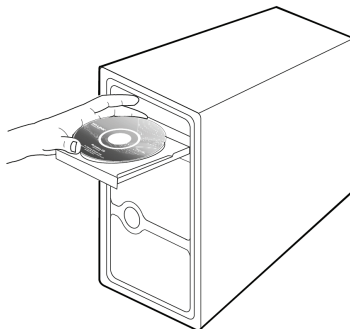
2 Configuring the device

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.

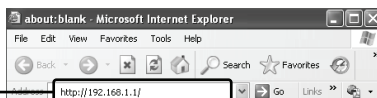Click **START**, and then follow the step-by-step instructions until you complete the configuration

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 **http://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**.
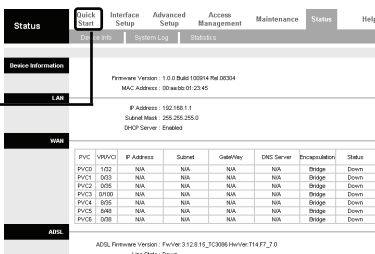
User name: admin
Password: admin

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 Start**

② Internet Parameters Configuration

This page will then display.

Click **RUN WIZARD**
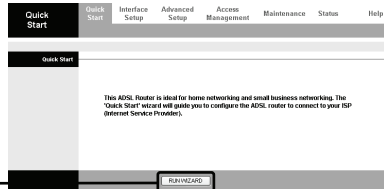
Click **NEXT**
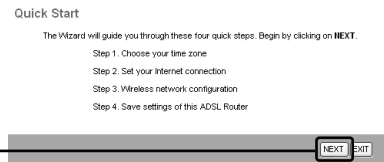
Select the appropriate **Time Zone** for your location from the drop-down list.
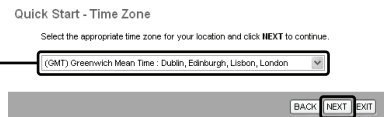
Click **NEXT**

Choose the **Connection Type** given by your ISP.
If **PPPoE/PPPoA** is selected, please proceed to **A**;
If **Dynamic IP** is selected, please skip to **B**;
If **Static IP** is selected, please skip to **C**;
If **Bridge Mode** is selected, please skip to **D**.
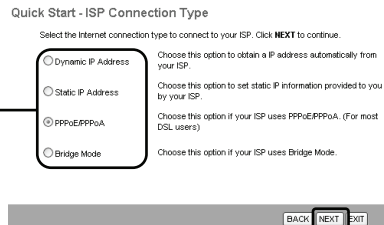
Click **NEXT**

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

A.   Configuration For PPPoA/PPPoE

This page will then display.

Enter the **PPPoE/PPPoA** information provided by your ISP.

Click **NEXT**

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

B.   Configuration For Dynamic IP

This page will then display.

Select the **dynamic connection** provided by your ISP.

Click **NEXT**

C.   Configuration For Static IP

This page will then display.

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

Click **NEXT**

D. Configuration For Bridge Mode

This page will then display.

Enter the **Bridge** information provided by your ISP.

Click **NEXT**

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

🅱 Wireless Settings Configuration

This page will then display.

Keep the default setting: **Activated**. If you want to disable Access Point, please select **Deactivated**.

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

Select an **Authentication Type**.

Select an **Encryption**.

Enter a Security Key using 8-64 characters.

Click **NEXT**

Note   The wireless security is **Disabled** by default. You are suggested to select an **Authentication Type** for security settings. WPA2-PSK is recommended.

After completing the above configuration, please proceed to 🅳 **Quick Start Complete**.

4 Quick Start Complete

To continue, the following page will be displayed.

> Quick Start Complete !!
> The Setup Wizard has completed. Click on **BACK** to modify changes or mistakes. Click **NEXT** to save the current settings.

Click **NEXT** ──────────────── BACK NEXT EXIT

> Quick Start Completed !!
> Saved Changes.

Click **CLOSE** ──────────────── CLOSE

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.

Troubleshooting

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.
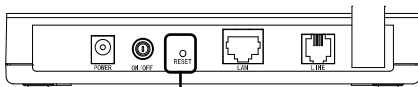
Press it for 8 to 10 seconds

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**

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**
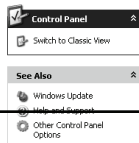

Network Tasks

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

LAN or High-Speed Internet

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)**

Select **Obtain an IP address automatically**

Select **Obtain DNS server address automatically**

Click **OK**

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.

○ 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

Click **OK**

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

For Windows Vista OS

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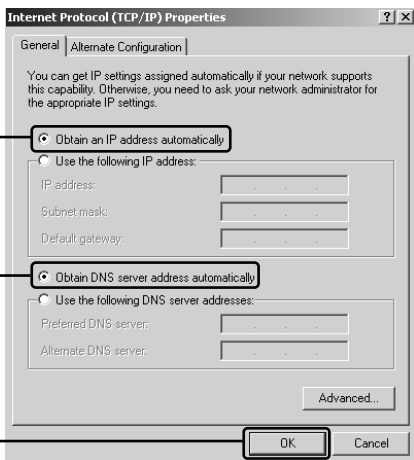
Click **View network status and tasks**

Click **View status**

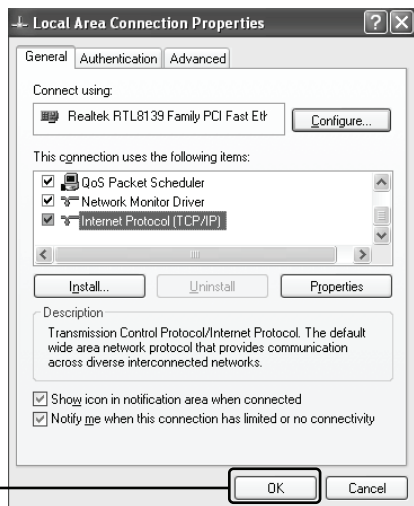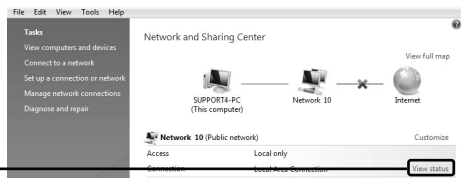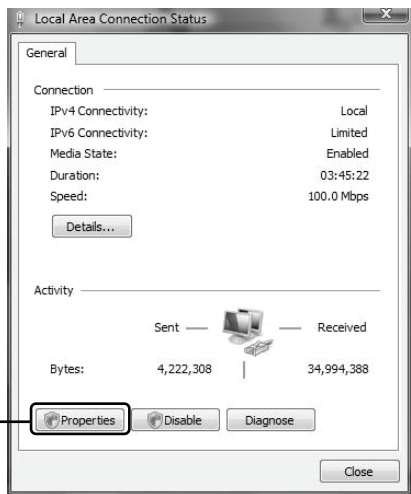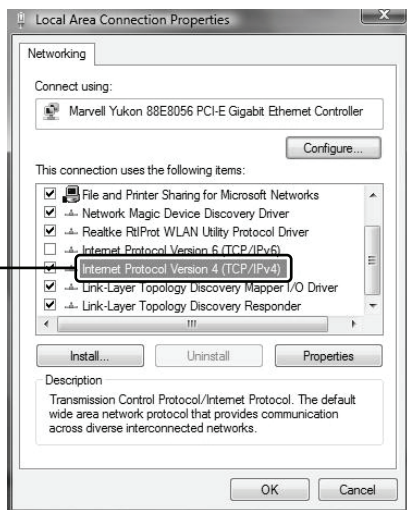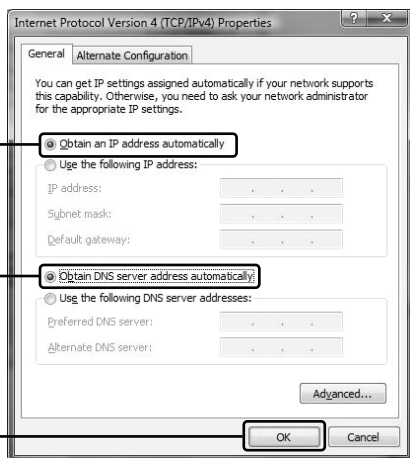Click **Properties**

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

Select Obtain an IP address automatically

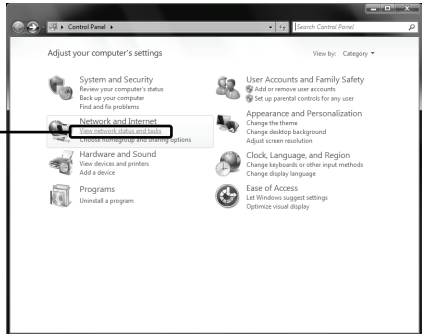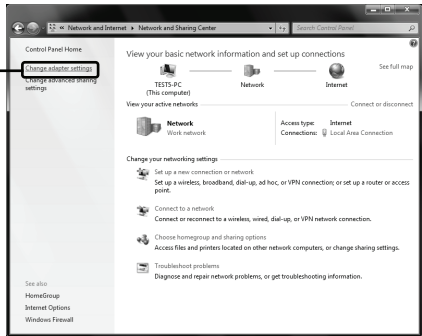**Select Obtain DNS server address automatically**

Click OK

For Windows 7 OS

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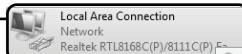
Click **View network status and tasks**

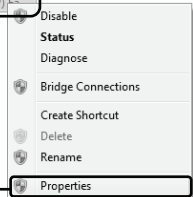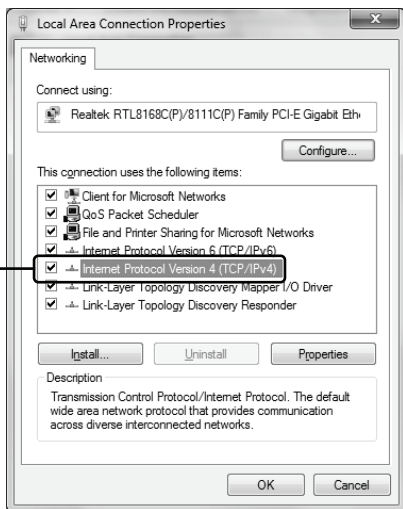
Click **Change adapter settings**

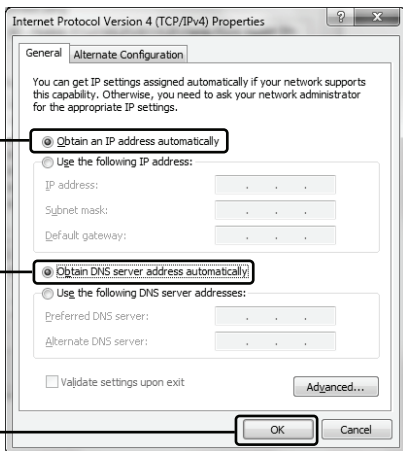Right-click **Local Area Connection**

Click **Properties**

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

Local Area Connection Properties

Networking

Connect using:

Realtek RTL8168C(P)/8111C(P) Family PCI-E Gigabit Eth

Configure...

This connection uses the following items:

- Client for Microsoft Networks
- QoS Packet Scheduler
- File and Printer Sharing for Microsoft Networks
- 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:

Validate settings upon exit

Advanced...

OK Cancel

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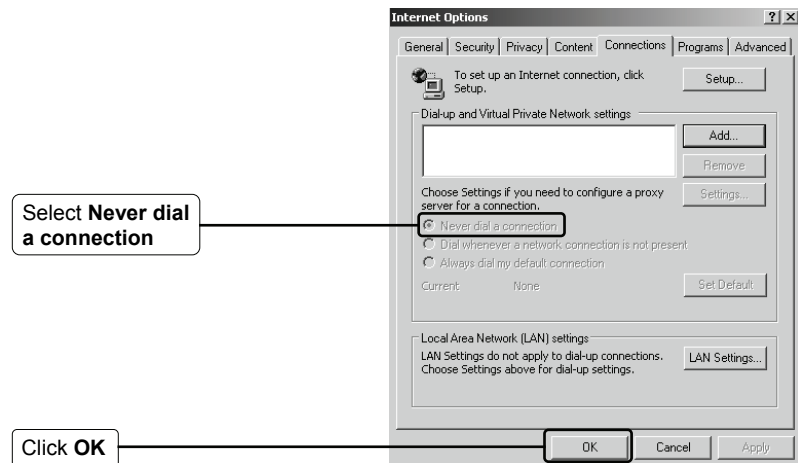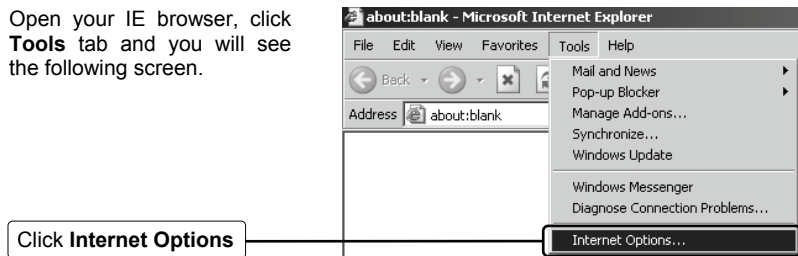
Now, try to log on to the Web-based configuration page again after the above settings have been configured. If you still cannot access the configuration page, please restore your Router's factory default settings and reconfigure your Router following the instructions of this QIG. Please feel free to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

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)

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

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

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: GMT+ 1 or GMT+ 2 (Daylight Saving Time in Germany) Except bank holidays in Hesse