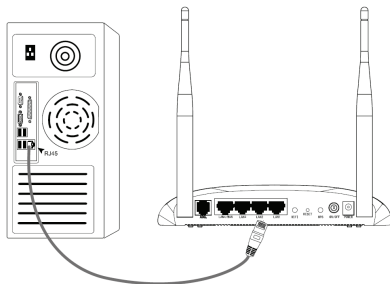# Installation

1   Connecting the device

Note   Please tear off the plastic film on the modem router for heat dissipation.

1   If you currently use a modem, disconnect it now - the modem router will replace your current modem.
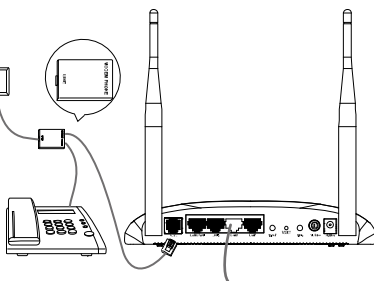
**2**   Connect your computer to the Port labeled "1~4" on the modem router with an Ethernet cable.

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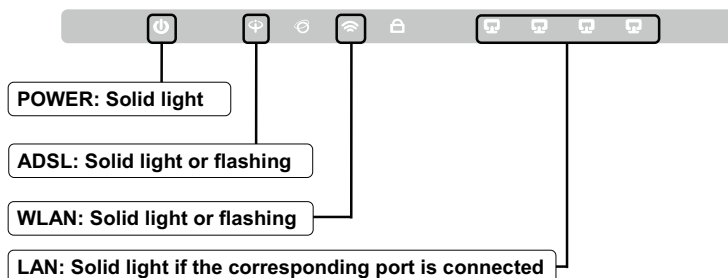
Note   If no telephone is needed, please connect the ADSL port of the modem router to the wall jack using the telephone line directly.

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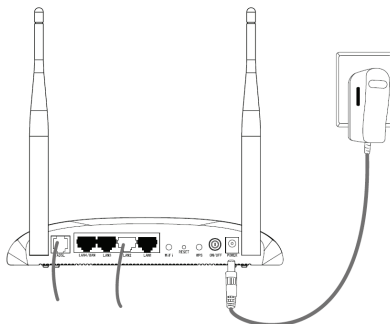
5 Power on all your network devices and then check to see if the LEDs of the modem router display normally as the diagram below describes.

POWER: Solid light

ADSL: Solid light or flashing

WLAN: Solid light or flashing

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 flashing, please contact your ISP to ensure that your Internet connection is active.
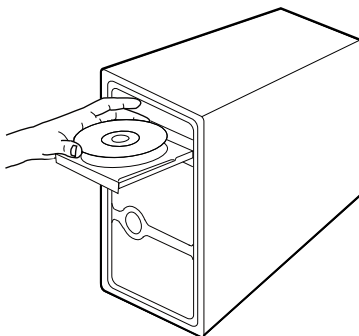
2 Configuring the device

Note To configure the device, TP-LINK strongly recommends that Windows users run the setup CD, Mac OS\Linux\Windows\Android\iOS user who can not run the mini CD, please refer to **Appendix** to run the web-based Quick Setup Wizard.
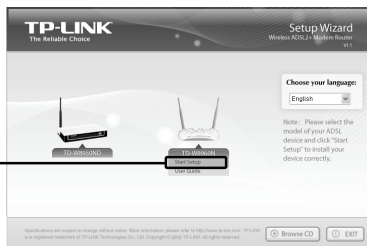
Use the CD

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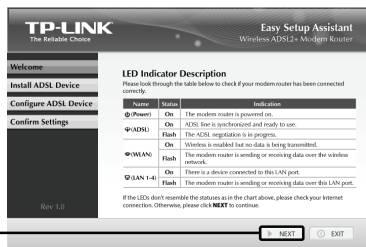
The configuration has now been completed. Please skip to **Step 3 "Testing the Internet Connection"**.

3 Testing the Internet Connection

The basic settings for your modem router are completed. Please open the web browser and try to log on to some popular website to test your Internet connection, for example:
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.

Note For the advanced configurations, please refer to the User Guide on the 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 ADSL Modem 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.

4

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

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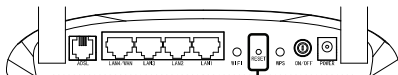
Press it for 8 to 10 seconds

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

T2. What can I do if I don't know or 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 **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.
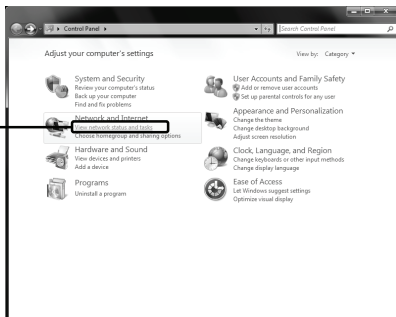
T3. What can I do if I cannot access the web-based configuration page?

1) Configure your computer's IP Address.

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**
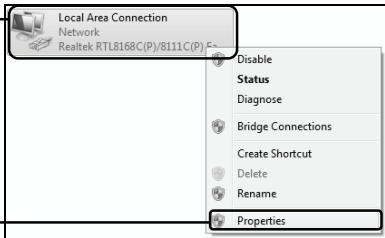
Click **Properties**

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

Select **Obtain an IP address automatically**

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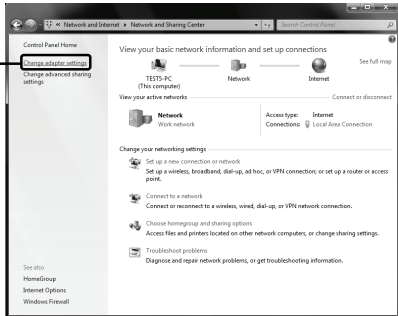
Click **OK**

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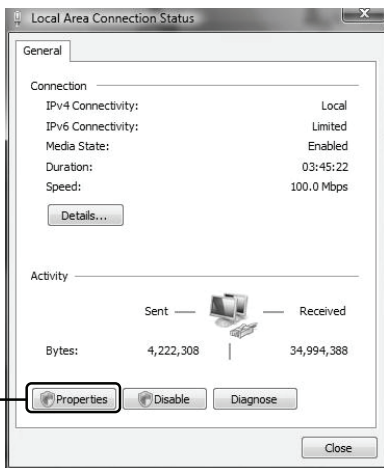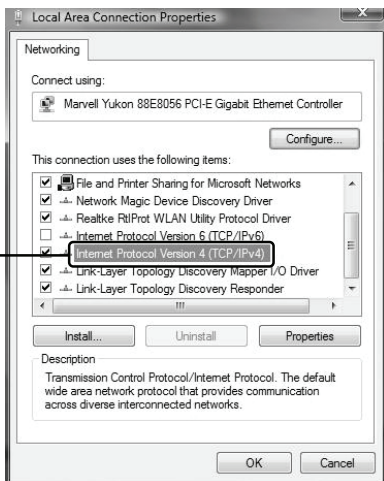
Double-click **Internet Protocol Version 4 (TCP/IPv4)**

Select **Obtain an IP address automatically**

Select **Obtain DNS server address automatically**

Click **OK**

For Windows XP OS

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

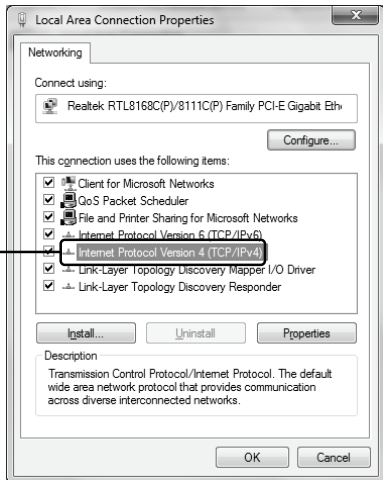Click **Network and Internet Connections**
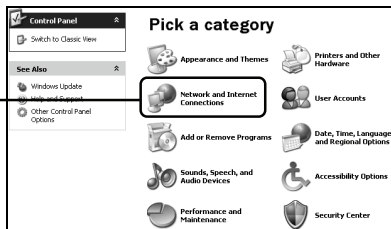
Click **Network Connections**
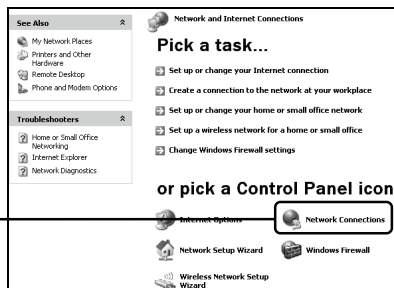
Right-click **Local Area Connection**
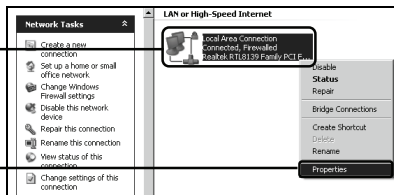
Click **Properties**
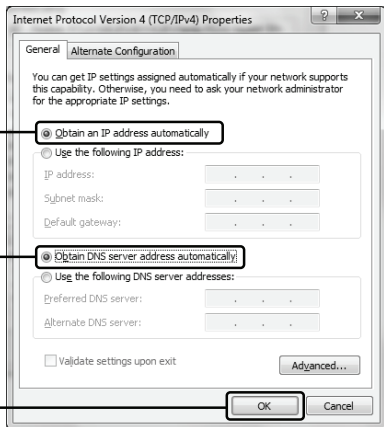

Double-click **Internet Protocol (TCP/IP)**

Select **Obtain an IP address automatically**

Select **Obtain DNS server address automatically**

Click **OK**
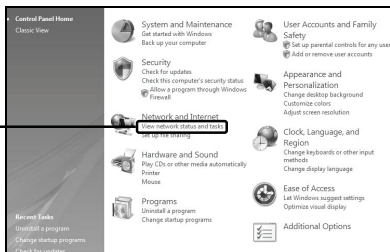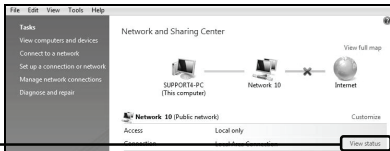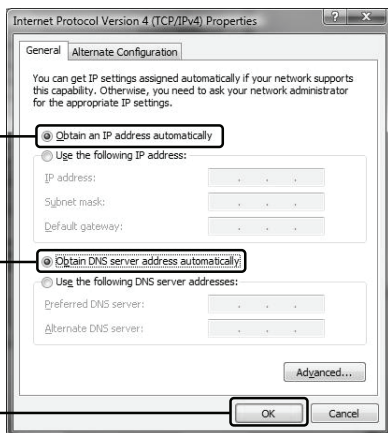
Internet Protocol (TCP/IP) Properties

General

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

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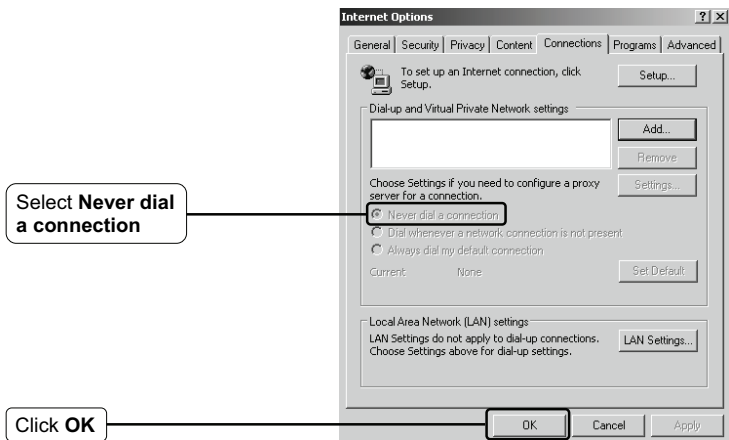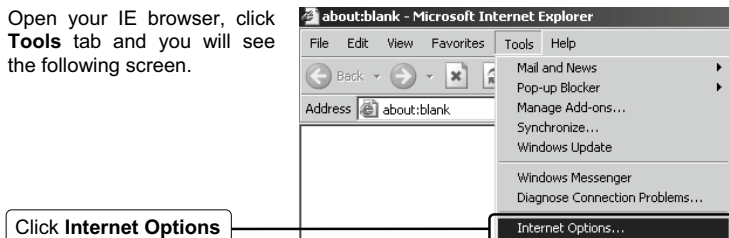
Now, try to log on to the Web-based configuration page again after the above settings have been configured. If you still cannot access the configuration page, please restore your modem router's factory default settings and reconfigure your modem router following the instructions of this QIG. Please feel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

Appendix

Configuration for Mac OS\Linux\Windows\Android\iOS users who cannot run the mini CD

1 Login

Open your web browser and type **192.168.1.1** in the address bar and press **Enter**
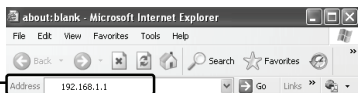
A dialog box will prompt you for the **User name** and **Password**. Enter the default values and click **OK**.

User name: admin
Password: admin

Click **OK**

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

The web management page will display after a successful login.

Click **Quick Setup**
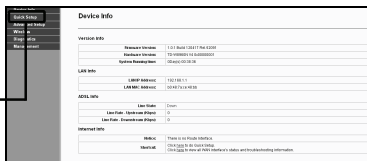
② Internet Parameters Configuration

This page will then display.

Choose the **WAN Type** for Internet access.
If **ADSL WAN** is selected, please continue to read this guide;
If **Ethernet WAN** is selected, please refer to section **4.4. 2 WAN Service** in User Guide;

Click **Next**

Quick Setup - WAN Configurations

Please choose the Wan type for Internet access.

Choose WAN Type: ○ ADSL WAN   For ADSL(Telephone line/RJ11) Service
                   ○ Ethernet WAN   For Ethernet(RJ45) Service

[Skip WAN]   [Next]

Note If you are unwilling to configure WAN Service now, you can click the **Skip WAN** button, and you can configure it in the **Layer2 Interface** referring to **User Guide** later.

ADSL WAN Type

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**;
If **Bridge** is selected, please skip to **D**.

Quick Setup - WAN Configurations

VPI/VCI: 8 / 35   (0-255)/(32-65535)
Encapsulation Mode: LLC/SNAP-BRIDGING ∨ (optional)

WAN Link Type: PPPoE(PPP over Ethernet) ∨
PPP Username: PPPoE(PPP over Ethernet)
                     PPPoA(PPP over ATM)
PPP Password: IPoE(MER or IPoEoA)
                     IPoA(Static IP over ATM)
PPPoE Service Name: Bridge
MTU (bytes):   1480   (optional)

[Back]   [Skip Wan]   [Next]

Note If you did not get the **VPI**, **VCI** and **WAN Link 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.

A.   Configuration for PPPoE or PPPoA

Quick Setup - WAN Configurations

VPI/VCI:	8 / 35 (0-255)/(32-65535)
Encapsulation Mode:	LLC/SNAP-BRIDGING ▼ (optional)
WAN Link Type:	PPPoE(PPP over Ethernet) ▼
PPP Username:	
PPP Password:	
PPPoE Service Name:	(optional)
MTU (bytes):	1480 (optional)

Enter the **PPP Username** and **PPP Password** provided by your ISP

Back   Skip Wan   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**.

B.   Configuration for IPoE

If **WAN IP Address**, **Subnet Mask**, **Gateway IP Address** and **DNS** are provided by your ISP, check the **Static IP** and **Set DNS Manually** boxes and enter them into the corresponding blanks. Otherwise, check the **Use DHCP** and **Obtain Automatically** boxes

Quick Setup - WAN Configurations

VPI/VCI:	8 / 35 (0-255)/(32-65535)
Encapsulation Mode:	LLC/SNAP-BRIDGING ▼ (optional)
WAN Link Type:	IPoE(MER or IPoEoA) ▼
WAN IP Address Settings:	◉ Dynamic IP ○ Static IP
WAN IP Address:	
WAN Subnet Mask:	
WAN gateway IP Address:	
DNS Settings:	○ Obtain Automatically ◉ Set DNS Manually
Primary DNS:	
Secondary DNS:	(optional)

Back   Skip Wan   Next

Click **Next**

C.   Configuration for IPoA

Quick Setup - WAN Configurations

VPI/VCI:	8 / 35 (0-255)/(32-65535)
Encapsulation Mode:	LLC/SNAP-ROUTING ▼ (optional)
WAN Link Type:	IPoA(Static IP over ATM) ▼
WAN IP Address Settings:	○ Dynamic IP ◉ Static IP
WAN IP Address:	
WAN Subnet Mask:	
DNS Settings:	○ Obtain Automatically ◉ Set DNS Manually
Primary DNS:	
Secondary DNS:	(optional)

Enter the **WAN IP Address**, **Subnet Mask** and **DNS** addresses provided by your ISP

Back   Skip Wan   Next

Click **Next**

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

D.   Configuration for Bridge Mode

This type doesn't need to be configured.

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

Select a **Network Authentication** (here takes Mixed WPA2/WPA-PSK Personal for example)

Create a Security Key using 8-64 characters

Click **Next**

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 - Summary**.

---

4 Quick Setup – Summary

To continue, the following page will
be displayed.

Quick Setup - Summary

WAN Configurations

WAN Type:	ADSL WAN
Layer2 Information:	805 LLC/SNAP-BRIDGING
WAN Link Type:	PPPoE
PPP Username:	tplink
PPP Password:	123456
PPP MTU:	1480

Note: Some WAN Connection(s) or Layer2 interface(s) may be replaced by new one!

Wi-FI Configurations

Wireless Network Name:	TP-LINK_CE46BB
Network Authentication:	Mixed WPA2/WPA-PSK Personal
Wireless NetWork key:	123456789

Back   Confirm

Click **Confirm**

Now, your modem router has been configured.

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