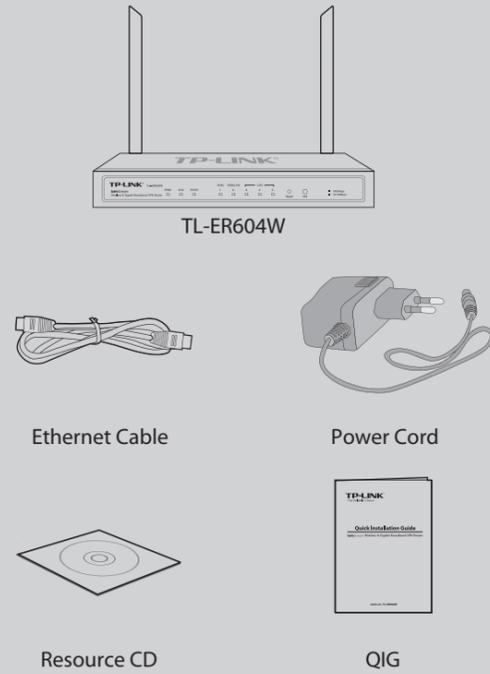


## Quick Installation Guide

SafeStream™ Wireless N Gigabit Broadband VPN Router

MODEL NO. TL-ER604W

## Package Contents



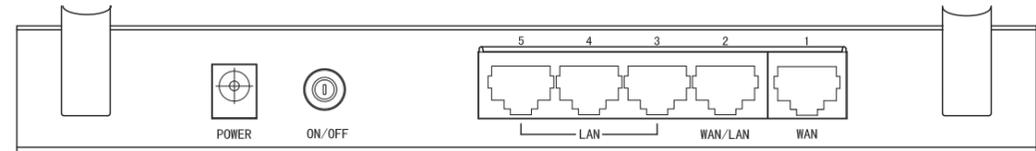
**Note** The provided power cord may differ from the figure above due to local power specifications.

## 1 Physical Description

### • Front Panel



### • Back Panel

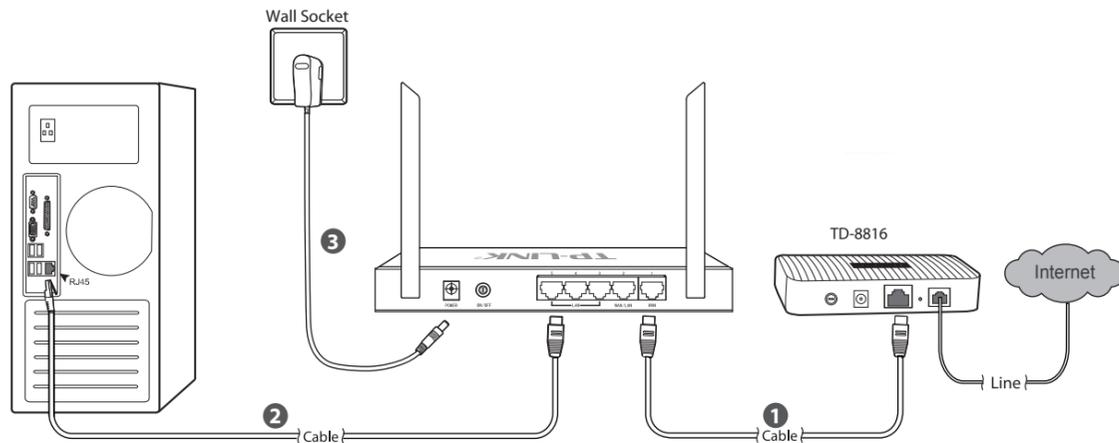


### • LED Descriptions

Name	Status	Indication
PWR	On (Green)	The Router is powered on
	Off	The Router is powered off
SYS	Flashing (Green)	The Router works properly
	On/Off	The Router has a hardware error
WLAN	On (Green)	The Wireless function is enabled
	Off	The Wireless function is disabled
WAN, LAN	Flashing (Green)	There is data being transferred through wireless
	On (Green/Yellow)	There is a device linked to the corresponding port but not active (Green light indicates the linked device is running at 1000Mbps, and yellow indicates the linked device is running at 10/100Mbps.)
	Flashing (Green/Yellow)	The corresponding port is transmitting or receiving data (Green light indicates the linked device is running at 1000Mbps, and yellow indicates the linked device is running at 10/100Mbps.)
	Off	There is no device linked to the corresponding port

## 2 Hardware Connection

- 1 Connect the WAN port of the Router to the Cable or DSL Modem via Ethernet cable. Here we take the ADSL Modem from TP-LINK as an example.
- 2 Connect a LAN port of the Router to the computer by Ethernet cable.
- 3 Connect one end of the AC power cord to the AC power socket on the Router, and the other end into an electrical outlet. The Router will work automatically and the LED will display as the **LED Descriptions** shown.



## 3 PC Configuration

Here we take Wireless Network Connection as an example. Please make sure your PC supports wireless connection. You can also go to Local Area Connection to configure the PC for wired network connection, and then go to Step 5 to configure the router.

- 1 For Windows XP/2000: Go to **Start** → **Control Panel** → **Network Connections**. Right click **Wireless Network Connection**, and select **Properties**.
- 2 Select **"Internet Protocol (TCP/IP)"/"Internet Protocol Version 4 (TCP/IPv4)"** and click **"Properties"**.

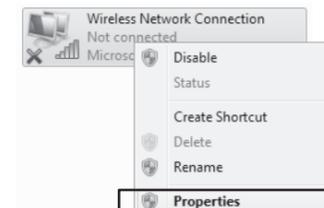


For Windows XP/2000



For Windows 7/Vista

- 3 For Windows Vista/7: Go to **Start** → **Control Panel** → **View network status and tasks** → **Manage network connection**. Right click **Wireless Network Connection**, and select **Properties**.



- 3 Select **"Obtain an IP address automatically"** and **"Obtain DNS server address automatically"**. Then click **"OK"**.



For Windows XP/2000

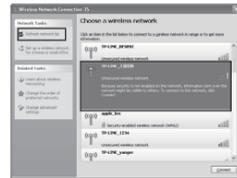


For Windows 7/Vista

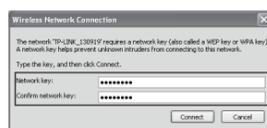
# 4 Wireless Network Connection

Here we take **Windows XP** as example.

- 1 Go to **Start** → **Control Panel** → **Network Connections**. Right click **Wireless Network Connection**, and select **View Available Wireless Networks**.
- 2 Click **Refresh network list**, and then select the SSID (network name) of TL-ER604W. Click **Connect**. The default SSID is TP-LINK\_XXXXXX, XXXXXX is the last six characters of the router's MAC address.



- 3 Enter the **Network key** in the pop-up screen. The default wireless password, the same as the PIN code, is printed on the bottom label of the router.



- 4 You've successfully connected to the wireless network.

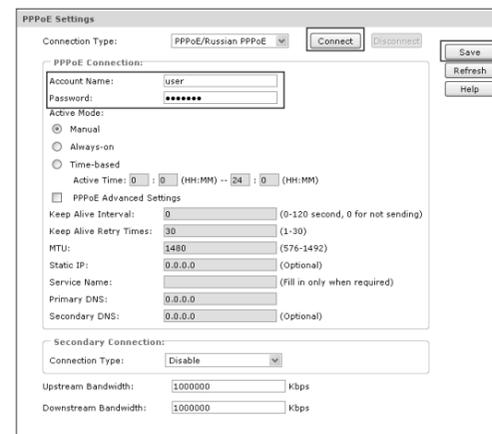


# 5 Router Configuration

- 1 Open web browser and type in <http://192.168.0.1>. Press **Enter** button and then enter the User Name and Password (Factory Default: **admin/admin**), and click **Login**.
- 3 Choose menu **Network** → **WAN** → **WAN1**, and then select one connection type from the drop-down list. Here take PPPoE connection as the example. Enter the **Account Name** and **Password** provided by your ISP, and then click the **Connect** button and **Save** button.



- 2 After a successful login, choose menu **Network** → **WAN** → **WAN Mode**, and then select the total number of WAN ports you prefer to use.



- 4 Choose menu **Wireless** → **Wireless Setting** → **Wireless Setting**, then set your wireless parameters. First click **Enable** to turn on the Wireless and select the **Region** from the drop-down list. It's recommended that you edit the following two items, and then click **Save**.
  - 1) Create a unique and easy-to-remember **SSID** (Wireless Network Name).
  - 2) Select **WPA-PSK/WPA2-PSK** under **Security** and enter a **password** in the field. The default wireless password, the same as the PIN code, is printed on the bottom label.

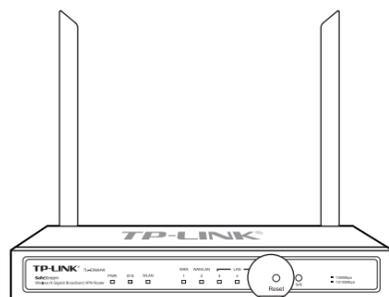


**Note:** The modification of the Wireless Setting will take effect only after the router is rebooted.

## Appendix: Troubleshooting

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

With the Router powered on, use a pin to press and hold the **Reset** button (about 5 seconds) until the SYS LED lights up and flashes quickly. And then release the button and wait for the Router rebooting to its factory default settings.



### What could I do if I forget the user name and password of the Router?

you can restore the Router to factory defaults. The default management address of the Router is <http://192.168.0.1>, default username and password are both admin. All your current settings will be cleared after the Router is restored. If you have backup configuration, please import it now.

### Why does the PWR LED work abnormally?

The PWR LED should be lit up when the power system works normally. If the PWR LED worked abnormally, please check as follows:

- 1) Make sure that the power cable is connected properly, and the power contact is normal.
- 2) Make sure the voltage of the power supply meets the requirement of the input voltage of the Router.

### What should I do if I could not access the web-based configuration page?

You are recommended to check the following items:

- 1) If you access the configuration page by wireless connection, please make sure your PC connects to the router by wireless.
- 2) If you access the configuration page by wired connection, Check every port LED on the Router and make sure the cable is installed properly. Then try another port on the Router and make sure the cable meets the requirement and works normally.

- 3) Turn off the power. After a while, turn on the power again.
- 4) Make sure the IP address of your PC is set within the subnet of the Router.
- 5) If you still cannot access the configuration page, please restore the Router to its factory defaults. Then the IP address of the computer should be set as 192.168.0.x ("x" is any number from 2 to 254) and Subnet Mask as 255.255.255.0).

### Why does the page display abnormally?

Please check as follows:

- 1) Update your browser or replace it with another browser, and try again.
- 2) If the pop-up is blocked, please lower the security level of the browser.

## 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 2650 4400  
E-mail: support@tp-link.com  
Service time: 24hrs, 7 days a week

**Singapore**  
Tel: +65 6284 0493  
E-mail: support.sg@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

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

**Malaysia**  
Tel: 1300 88 875 465  
Email: support.my@tp-link.com  
Service time: 24hrs, 7 days a week

**Switzerland**  
Tel: +41 (0) 848 800 998  
(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 09:00 to 12:30 and 13:30 to 17:30. GMT+1 or GMT+2 (Daylight Saving Time in Germany)

\*Except bank holidays in Hesse  
**Brazil**  
Toll Free: 0800 608 9799  
(Portuguese Service)  
E-mail: support.br@tp-link.com  
Service time: Monday to Friday, 09:00 to 20:00; Saturday, 09:00 to 15:00

**Ukraine**  
Tel: 0800 505 508  
E-mail: support.ua@tp-link.com  
Service time: Monday to Friday 10:00 to 22:00

**Russian Federation**  
Tel: 8 (499) 754 5560/8 (800) 250 5560  
(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  
**Turkey**  
Tel: 0850 7244 488 (Turkish Service)  
E-mail: support.tr@tp-link.com  
Service time: 09:00 to 21:00 7 days a week

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

**Italy**  
Tel: +39 023 051 9020  
E-mail: support.it@tp-link.com  
Service time: Monday to Friday 09:00 to 13:00; 14:00 to 18:00

**Indonesia**  
Tel: (+62) 021 6386 1936  
E-mail: support.id@tp-link.com  
Service time: Monday to Friday, 09:00 to 18:00  
\*Except public holidays

**Germany/Austria**  
Tel: +49 1805 875 465 (German Service)  
+49 1805 TPLINK  
+43 820 820 360  
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 09:00 to 12:30 and 13:30 to 17:30. GMT+1 or GMT+2 (Daylight Saving Time in Germany)

\*Except bank holidays in Hesse  
**Brazil**  
Toll Free: 0800 608 9799  
(Portuguese Service)  
E-mail: support.br@tp-link.com  
Service time: Monday to Friday, 09:00 to 20:00; Saturday, 09:00 to 15:00

**Poland**  
Tel: +48 (0) 801 080 618 / +48 227 217 563  
(if calls from mobile phone)  
E-mail: support.pl@tp-link.com  
Service time: Monday to Friday 09:00 to 17:00. GMT+1 or GMT+2 (Daylight Saving Time)

\*Except weekends and holidays in Russian Federation  
**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, 09:00 to 18:00 (Except French Bank holidays)