

Quick Installation Guide
for
TQ604AUTO
KANOPI 4G ROUTER

Conventions

Thank you for purchasing portable wireless broadband router.

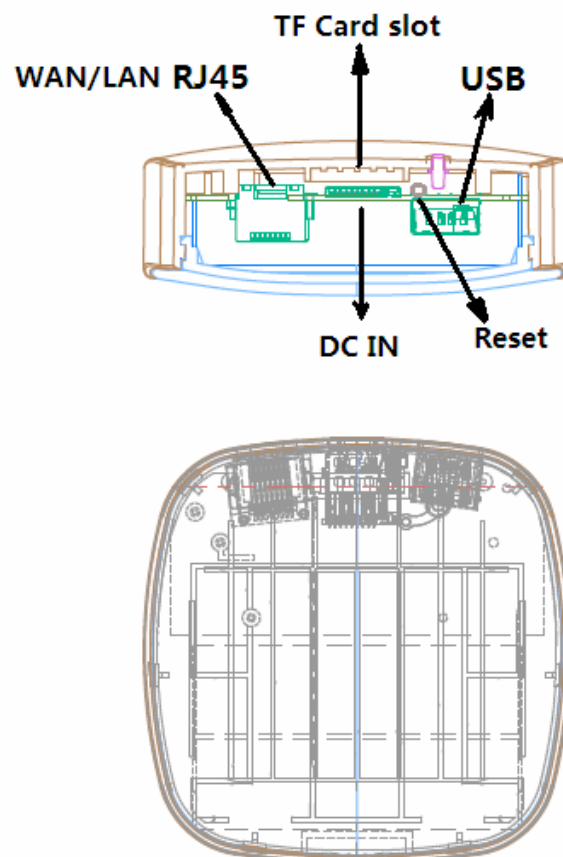
Applicable to portable Wireless-N wireless broadband router, this Installation Guide provides a WebUI-based configuration method and procedure. In this guide, Windows 2000/XP is used as an example.

Items list

Please check for the following items in the packing box:

- ✧ 300 Mbps wireless router × 1
- ✧ Power adapter × 1
- ✧ Quick Installation Guide × 1
- ✧ Warranty Card × 1



Appearance



Interfaces

Interface	Function
DC IN	Mini 5 PIN usb port, connecting to a 5V/1A usb power adapter
RESET	Reset key. Pressing this key for 5 seconds will restore the router to factory settings.
SIM Card slot	For inserting sim card
RJ45	RJ45 port for connecting to an internet access device such as ADSL modem, upper level router or switch. A static IP address, dynamic IP address, or PPPoE can be used for internet access. If connect to a terminal device with an RJ45 port such as a computer, it work as LAN port automatically
USB	USB port, connecting to a USB mass storage

LED indicators

Indicator	mark	State	Description
SYS	SYS	Always on	System started up and in working state
		Flash	3G/4G connection is established
3G /4G	4G	Always on	Built-in 3G/4G modem is powered on normally.
		Flashing	Built-in 3G/4G modem is receiving or sending data.
		Off	Built-in 3G modem is not started.
	Wi-Fi	Always on	Wireless function is enabled.
		Flashing	Data is being received or sent via WLAN.
		Off	Wireless function is not enabled
	ENET	Always on	WAN port is connected to ethernet equipment properly.
		Flashing	WAN port is receiving or sending data.

Installation environment

To ensure proper functioning of the router, the operating environment is recommended as follows:

- a) Keep away from heat, maintain ventilation
- b) Lay equipments on flat surface
- c) Lay equipments in dry environment without dust
- d) Dismantle power supply and all wirings in thunderstorm weather in case of lightning stroke

Note: please supply rated power for equipments. If unmatched power is supplied, router may get damaged.

Storage condition

	Temperature	Humidity
Working status:	0-50℃	10-85% (non-condensation)
Store status:	-20-70℃	5-90% (non-condensation)

System requirement

- ✧ Broadband Internet service (Ethernet cable access or through xDSL/Cable Modem)
- ✧ Modulator-demodulator with RJ45 port (unnecessary for ethernet cable connection)
- ✧ Each PC is equipped with network connection equipment respectively (wireless network card or wire network card and network cable)
- ✧ Windows 98, Me, NT, 2000, XP, Vista, 7 and other operating systems supporting TCP/IP protocol
- ✧ Internet Explorer 6.0 or higher version

Product installation

1. Hardware connection

Please use ancillary power adapter to supply power for router, start router, and then connect your computer to the RJ45 port on the router by using a RJ45 network cable.

Prompt: you can connect wireless broadband router via wireless interface. When configuring router for the first time, we recommend you to connect with wire method. The following setting steps are all based on wire connection.

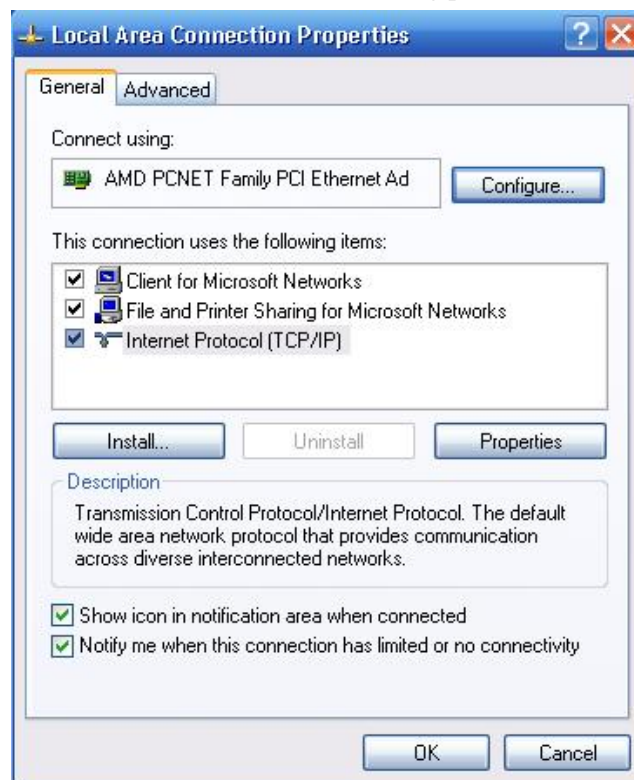
2. Set up your computer network in a correct way

The router default LAN port's IP address as 192.168.169.1 and default subnet mask as 255.255.255.0. These values can be modified according to actual condition. The text will explain it with default value.

- 1) Double click **"My Network Place"** on desktop, and click **"View network connections"** on dialog box, and select **"Local Area Connection"** of corresponding network card on this page.



2) Double click “**Local Area Connection**”, select “**Internet Protocol (TCP/IP)**” in dialog box popped out, and then click “**Properties**”, as the following picture:



3) In “**Internet Protocol (TCP/IP) Property**” screen popped out, select “**obtain an IP addresses automatically**” and “**obtain DNS server address automatically**”, click “**OK**”



3. Log on router configuration page

- 1) Open IE browser, input at address bar: **192.168.169.1**, Enter.



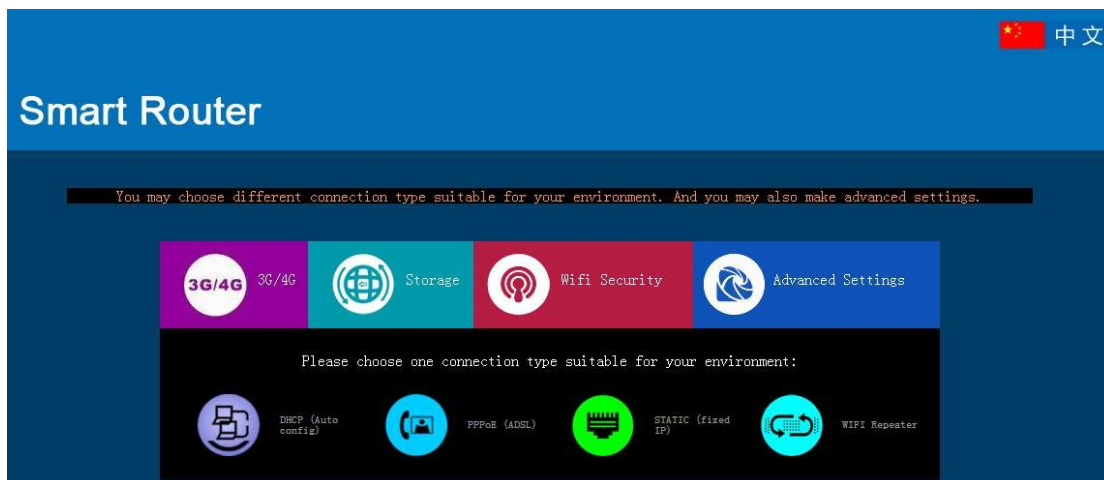
- 2) In log-in window popped out, input user name: **admin**; password: **admin**; then click "OK".



- ✚ Prompt: both user name and password of initial administrator are: **admin**; user can

change administrator's password after entering into the system.

3) After inputting correct user name and password, one can enter into router's WEB configuration screen.



4. Select way to access the Internet

Router supports four ways of access: static IP, dynamic IP, PPPoE and WiFi repeat. Click corresponding icon at bottom column on home page and select your access method. Router was set into DHCP (dynamic IP) mode as the way to access the Internet when leaving factory.



- **Select a static IP (fixed IP)**

If access way provided by network provider for you is static IP, you shall input ISP or IP address, subnet mask, gateway, DNS server and standby DNS server provided by network administrator for you.

Static Mode	
IP Address	<input type="text"/>
Subnet Mask	<input type="text"/>
Default Gateway	<input type="text"/>
Primary DNS Server	<input type="text"/>
Secondary DNS Server	<input type="text"/>

- **Select DHCP (Auto config)**

If access way provided by network provider for you is dynamic IP, Please click on the icon“ DHCP (Auto config)”, next you don’t need to input anything, click “OK” directly.

- **Select PPPoE (ADSL)**

If your way to access the Internet is “ADSL dial-up”, you only need to input account information provided by ISP in input box of “user name” and “password”, complete setting, and click “OK”.

- **Select WiFi repeate**

If you want to make current router connect to another exist wireless router though wireless connection, please select this mode.

Enter into “WiFi repeate” setting interface, click "scan all AP", It will list names of surrounding WiFi routers, select the router you need to connect, input password for connection, click “OK” and complete setting

- **Select 3G/4G Dial-up**

If 3G/4G modem unit is built in router, or USB port of router supports connecting 3G/4G dongle, this machine can achieve 3G/4G dial-up networking function. The router supports

automatic configuration function of 3G/4G dial-up parameter. Dial-up parameters of mainland China and global main 3G/4G network operators can be achieved automatic configuration. Users do not need to set by hand. If dial-up networking fails, please confirm according to the following steps:

Step 1: confirm SIM card in effect, in normal service;

Step 2: confirm whether 3G/4G dial-up setting of the router meets setting requirement of your local ISP. After you obtain the correct dial-up parameters, Specific operation procedure is as follows:

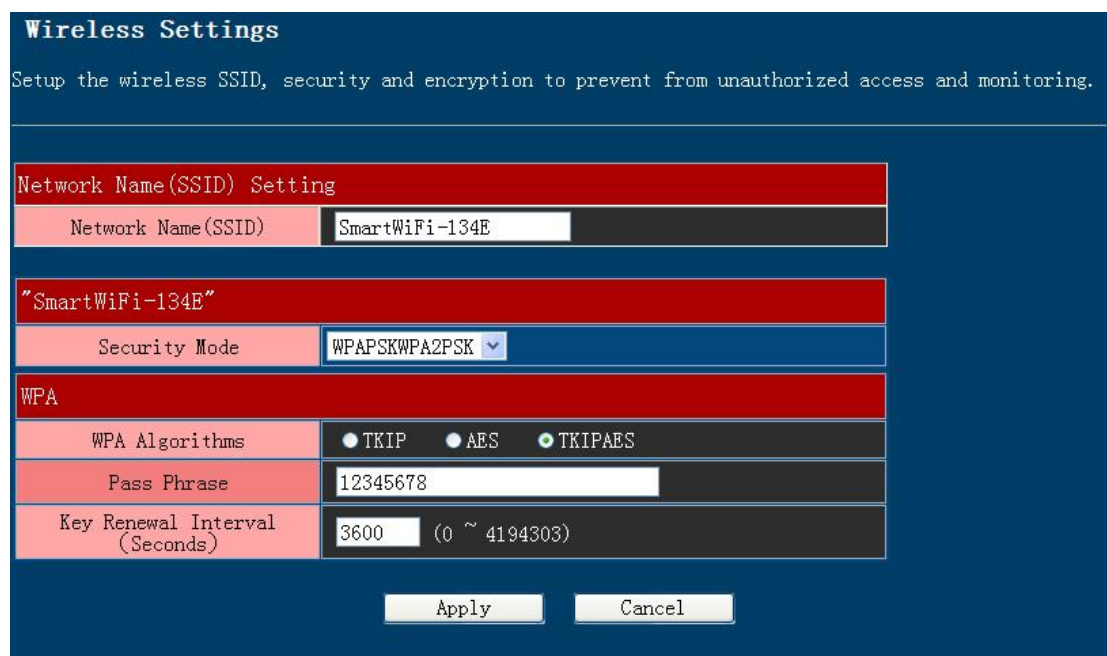
Please click “3G/4G” icon on home page and enter into 3G/4G dial-up setting. In dial-up setting, select “**dial-up parameter**”, “**customized definition**”, input **users name**, **command**, **dial number**, and **APN parameter** provided by 3G /4G ISP, and click OK.

Note:

We cannot eliminate incurrence opportunity of the situation. 3G/4G dongle in present supporting list may not be supported by the device because producer adjusts inter parameters of products in the future.

5. Wireless network setting

Complete setting internet access method and configure security setting of wireless network to prevent illegal user access. Click “Wifi security settings” on home page and appear the following UI:



The image shows a screenshot of the 'Wireless Settings' configuration page. The title is 'Wireless Settings' and the subtitle is 'Setup the wireless SSID, security and encryption to prevent from unauthorized access and monitoring.' The page has a dark blue background with red and white form elements. The settings are organized into sections: 'Network Name (SSID) Setting' with a text input for 'SmartWiFi-134E'; a section for 'SmartWiFi-134E' with a 'Security Mode' dropdown set to 'WPA2PSK/WPA2PSK'; a 'WPA' section with 'WPA Algorithms' (radio buttons for TKIP, AES, and TKIPAES, with TKIPAES selected), a 'Pass Phrase' text input with '12345678', and a 'Key Renewal Interval (Seconds)' text input with '3600' and a range '(0 ~ 4194303)'. At the bottom are 'Apply' and 'Cancel' buttons.

Wireless Settings	
Setup the wireless SSID, security and encryption to prevent from unauthorized access and monitoring.	
Network Name (SSID) Setting	
Network Name (SSID)	SmartWiFi-134E
"SmartWiFi-134E"	
Security Mode	WPA2PSK/WPA2PSK
WPA	
WPA Algorithms	<input type="radio"/> TKIP <input type="radio"/> AES <input checked="" type="radio"/> TKIPAES
Pass Phrase	12345678
Key Renewal Interval (Seconds)	3600 (0 ~ 4194303)
<input type="button" value="Apply"/> <input type="button" value="Cancel"/>	

After basic setting of router is completed, you can click “**advanced setup**” icon on home page to check partial connection status of router with ISP. If your router’s “**Internet Configuration**” shows that corresponding IP address, DNS servers and other information are

obtained successfully, you can surf on internet now.

If you need higher function set, please make further setting in menu bar on the left.

FCC Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The distance from the human body is more than 20 cm.