MK600 User Manual

User Manual / V1.0

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All the photos and product specifications mentioned in this manual are for references only, as the upgrading of software and hardware, there will be changes. And if there are changes, XTD is not responsible for informing in advance. If you want to know more information about our products, please connect us.

FCC ID:2AWTP-MK600

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.

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

NOTE: 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.

The distance between user and products should be no less than 20cm

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Chapter 1: Introduction

Product Overview

Mk600 is a Wi Fi wireless indoor CPE designed for home company applications. It conforms to IEEE 802.11b/g/n standard and has the characteristics of high transmission rate and high receiving sensitivity. The shell adopts environmental protection integrated molding design, which not only can prevent dust, but also can fully adapt to various working environments.

Front Panel

Power LED: The Power LED lights up when the Router is powered on.

SYS LED: The SYS LED lights up when the system is run. It flashes when system run OK.

WLAN LED: The Wireless LED lights up when the wireless feature is enabled. It flashes when the Router sends or receives data over the wireless network.

LAN (1~4): These LEDs are corresponding with the LAN ports on the rear panel. The LED is continuously lit when the Router is connected to a device through that port. It flashes to indicate network activity over that port.

Signal LED: The 4G Signal LED lights up when the 4G Signal OK. 4G signal indicator indicates 4G signal strength·

It is red when the signal is weak, purple when the signal is medium, and blue when the signal is strong

4G LED: The 4G LED lights up when 4G is online. Flashing when 4G dialing.

When the Router goes through its self-diagnostic mode during every boot-up, the LED flashes. When the diagnostic is complete, the LED is continuously lit.

LED	Status	Description
POWER	On	Power is on
	Off	Power is off
SYS	Blinking	System is ok
WLAN	On	The wireless function is enabled

	Off	The wireless function is disabled
	Blinking	Sending or receiving data over wireless network
LAN (Port 1-4)	On	LAN port is connected
	Off	LAN port is unconnected
	Blinking	Data is transmitting
Signal LED	Red	Signal is weak
	Purple	Signal is medium
	Blue	Signal is strong
4G LED	Blinking	4G is dialing
	ON	4G is online

Main Features

1. 2.4GHz 1T1R 300mbps technology is adopted to meet multi-user connection application;

2. Minipcie interface and SIM card slot are provided to support the expansion of built-in 3G / 4G applications;

3. Support 4 100m LAN or 1 WAN network port to meet the application requirements of different customers;

4. Provide system led, Wi-Fi led, Ethernet led, 4G signal status and network status LED indication;

5. Network online Ping packet detection and user defined address detection;

Chapter 2 Quick use guide Installation

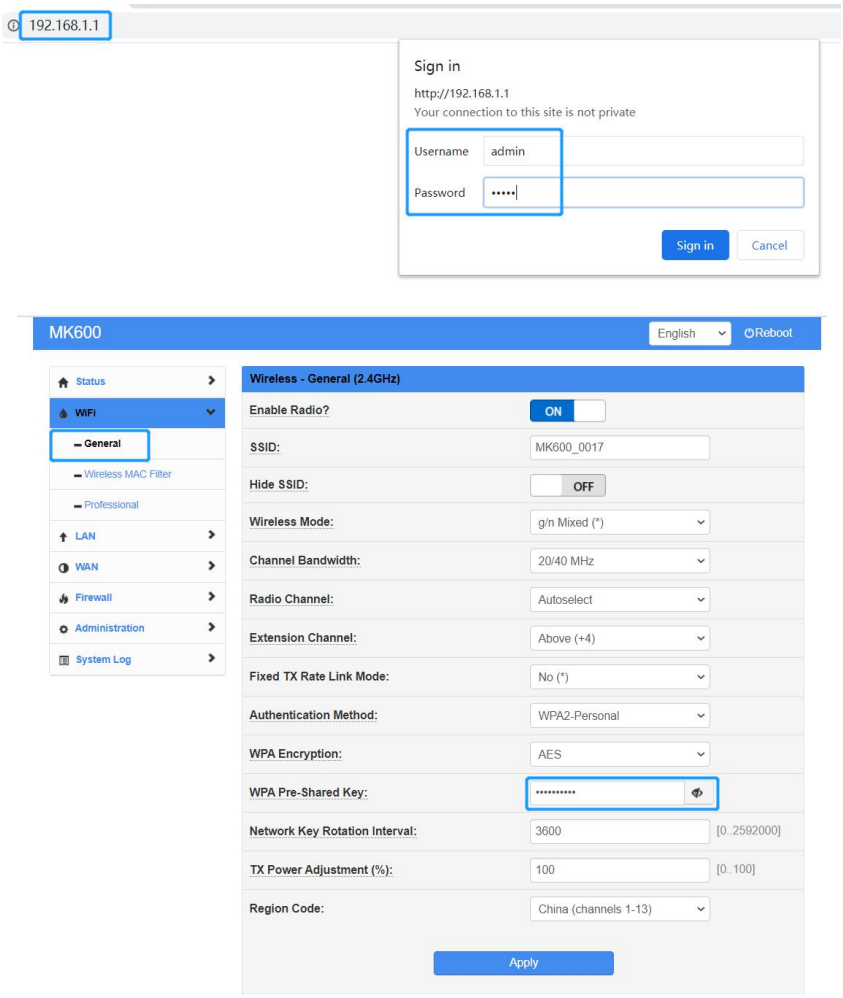
First step：

You can change your Wi-Fi password by accessing the browser 192.168.1.1 via mobile phone or computer. The default Wi-Fi password is 12345678, You have to change it to keep your network safe.

The way to change the password is to access 192.168.1.1 with a computer or mobile phone browser ,then change the Wi-Fi password and remember it。

Username：admin

Passdord：admin



Second step：

Insert sim card and Power on it again

Three setp：

when the 4G online LED on, You can use your computer and mobile phone to access the Internet with your new WI-FI passwords

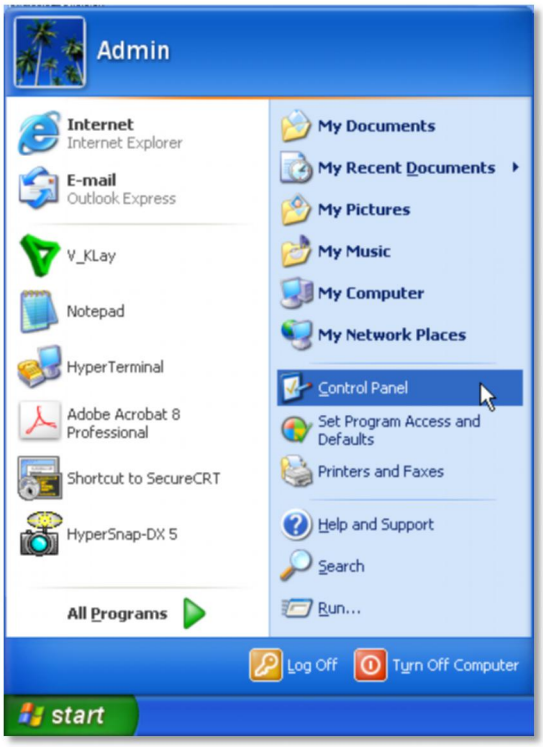
Chapter 3 Detailed setting description

Configure the Computer's IP Address

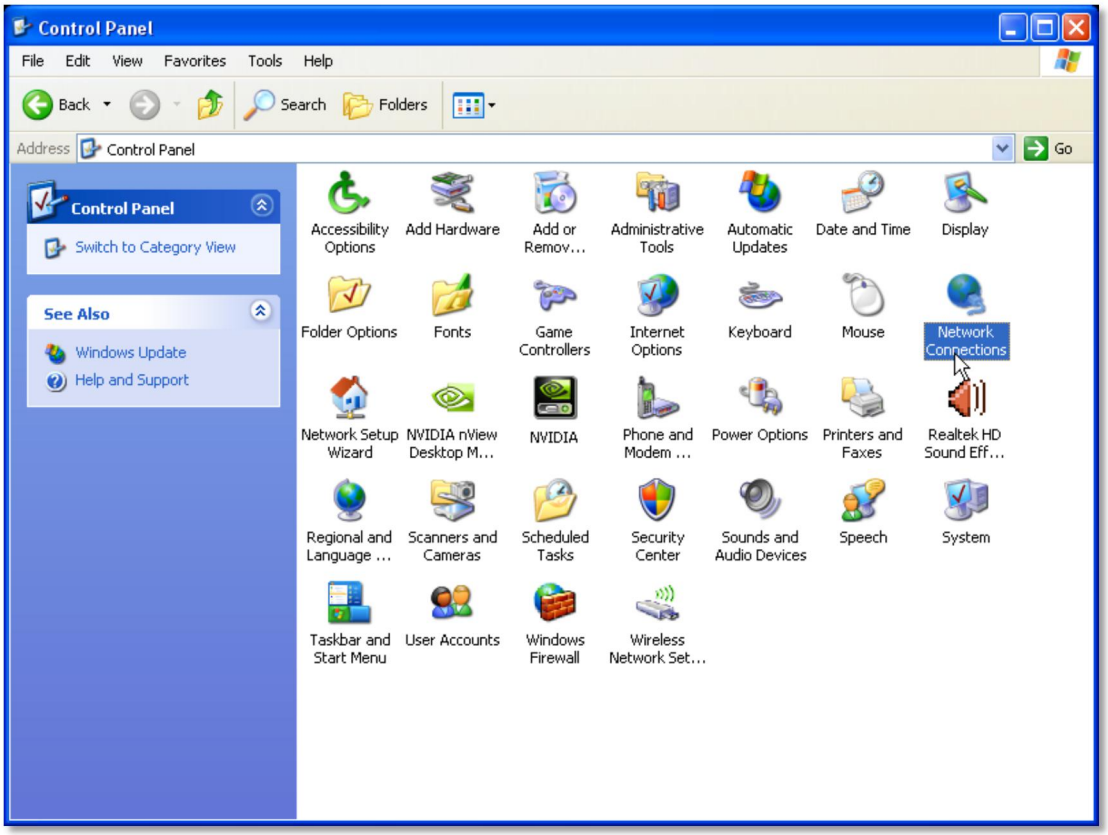
After connecting your PC to the router, you need to configure your PC's IP address use auto.

For Windows XP/2000

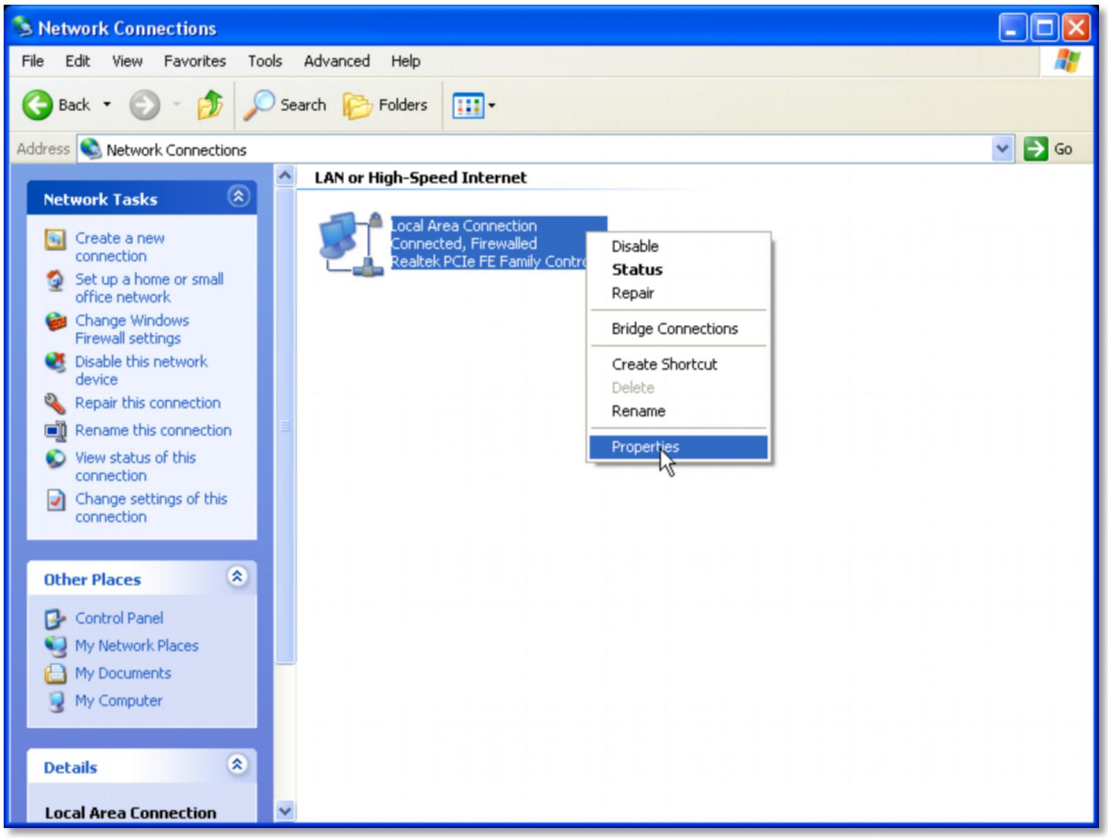
1) Click **Start** > **Control Panel**.



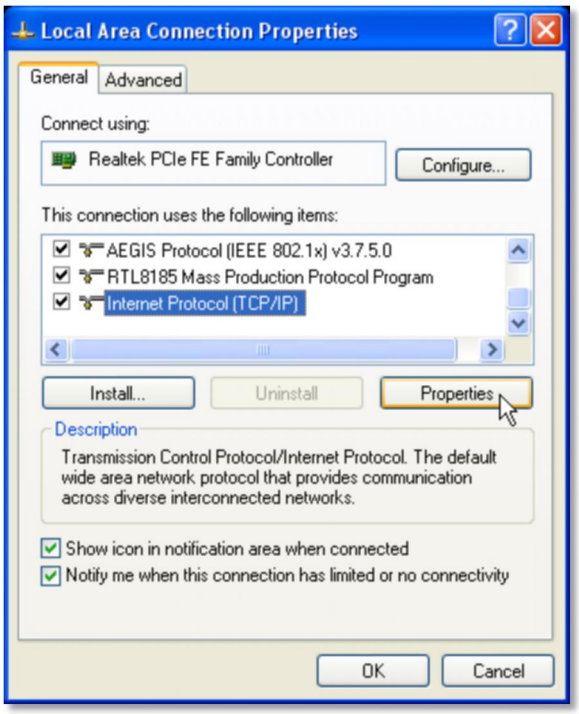
2) Select and double click **Network Connections**.



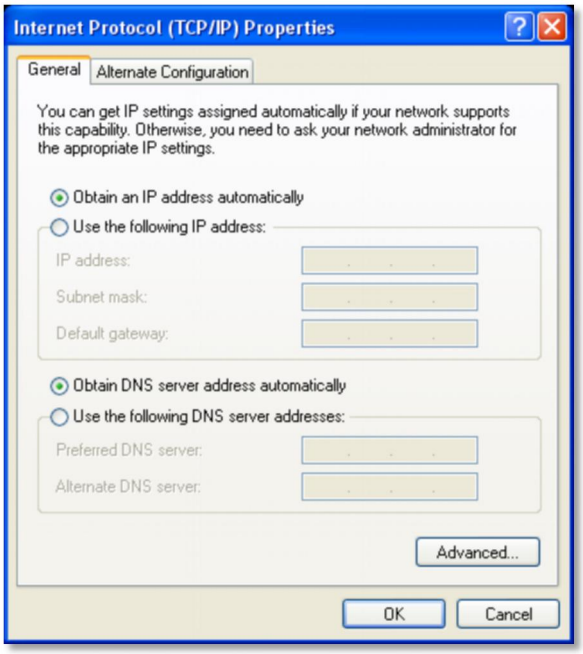
3) Right click **Local Area Connection** and then select **Properties**.



4) Select **Internet Protocol (TCP/IP)** and click **Properties**.

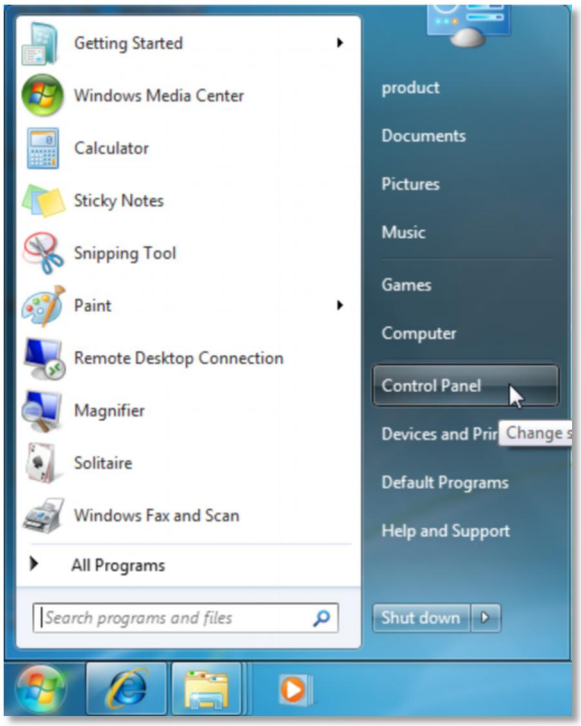


5) Select **Obtain an IP address automatically** and **Obtain DNS server address automatically**. Then click **OK**.

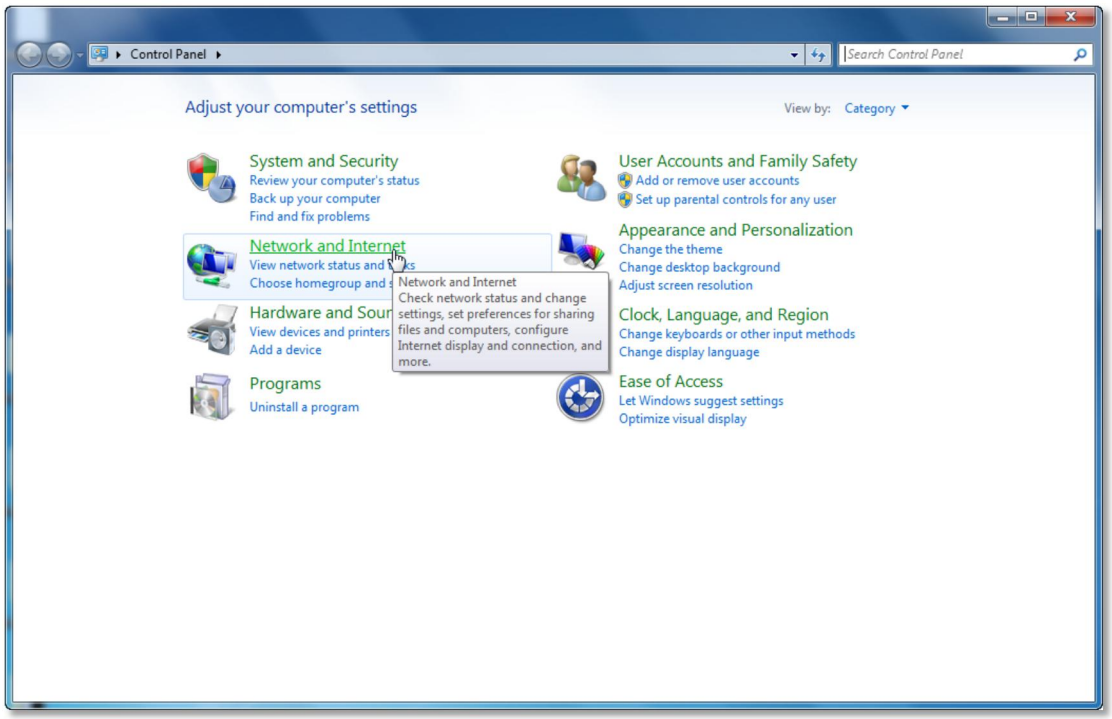


For Windows Vista/7

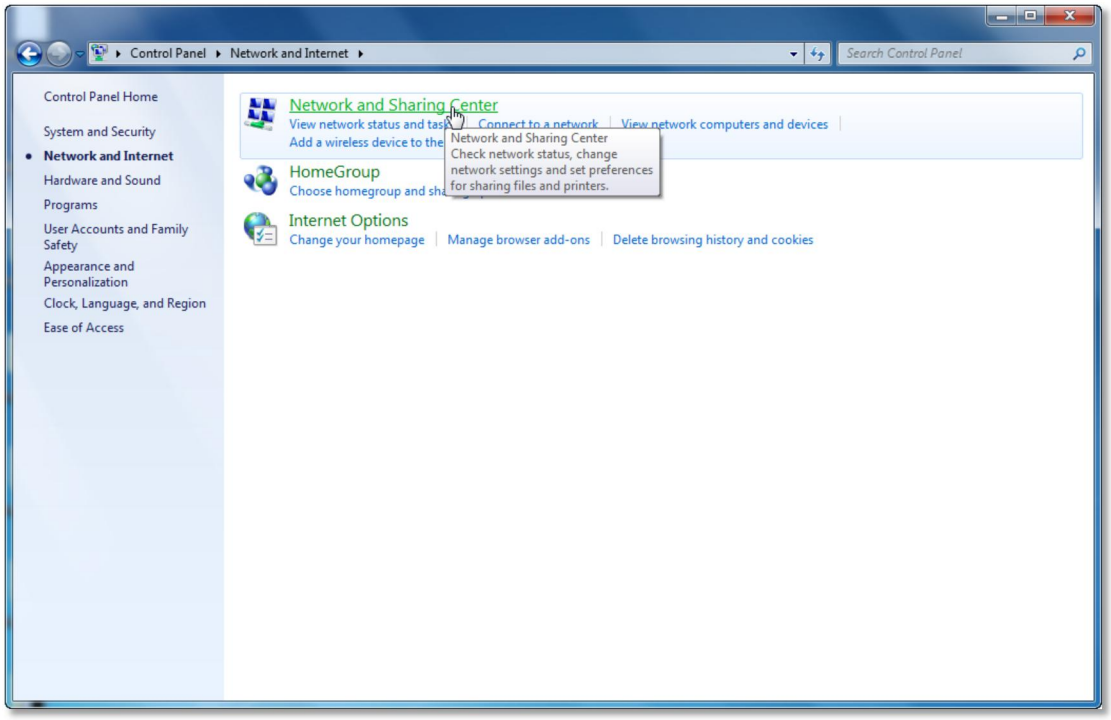
1) Click **Start**>**Control Panel**.



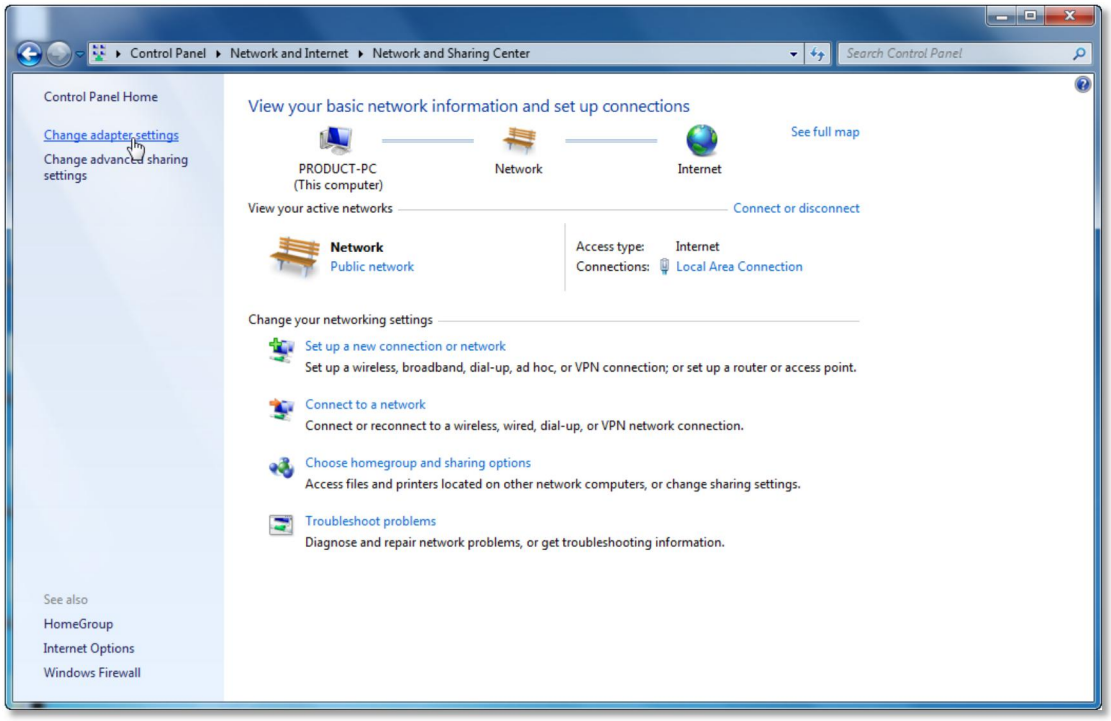
2) Click **Network and Internet**.



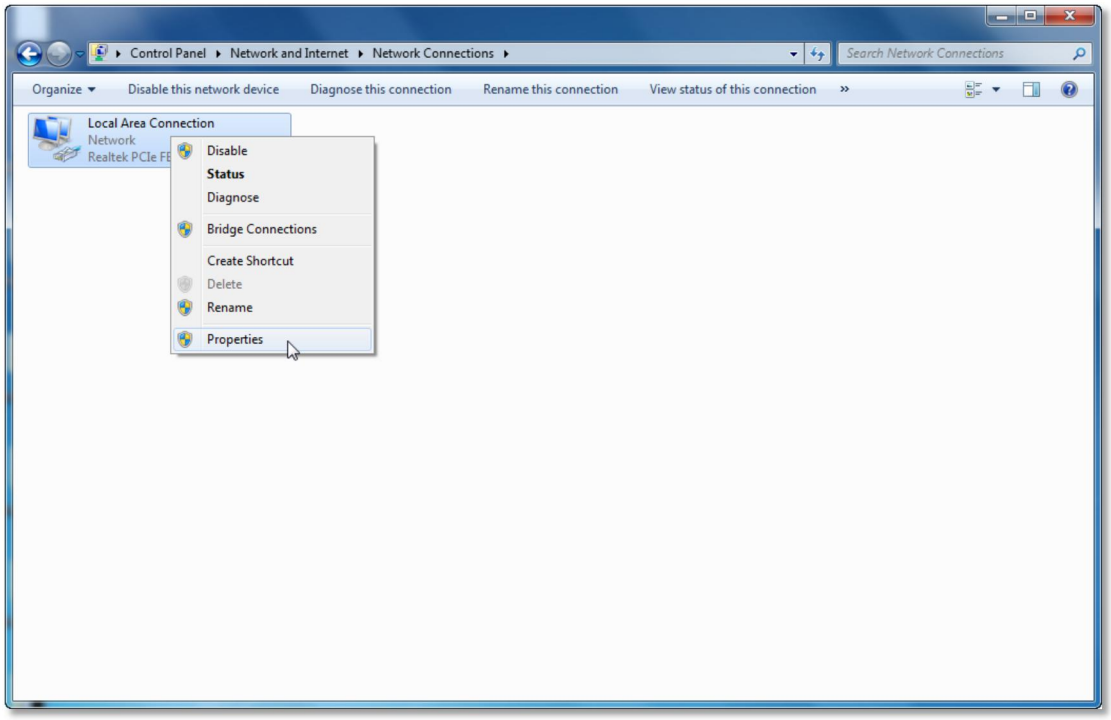
3) Click **Network and Sharing Center**.



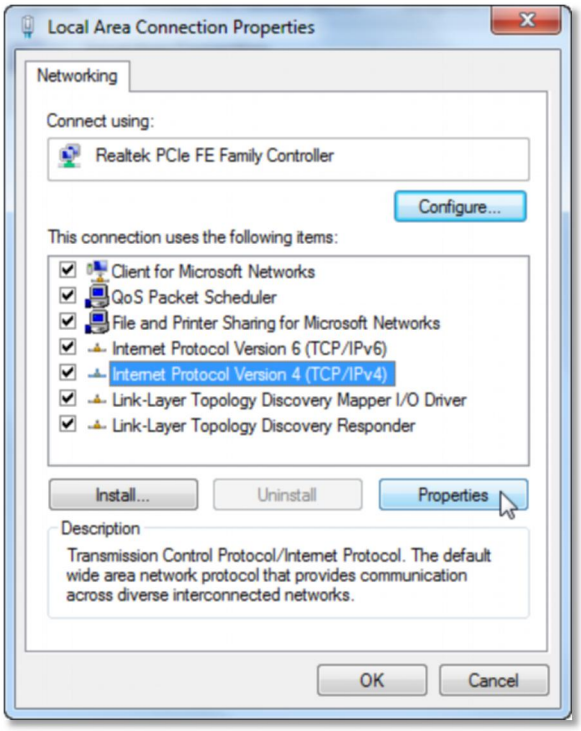
4) Go to **Change Adapter Settings** (win7)/**Manage Network Connections** (Vista).



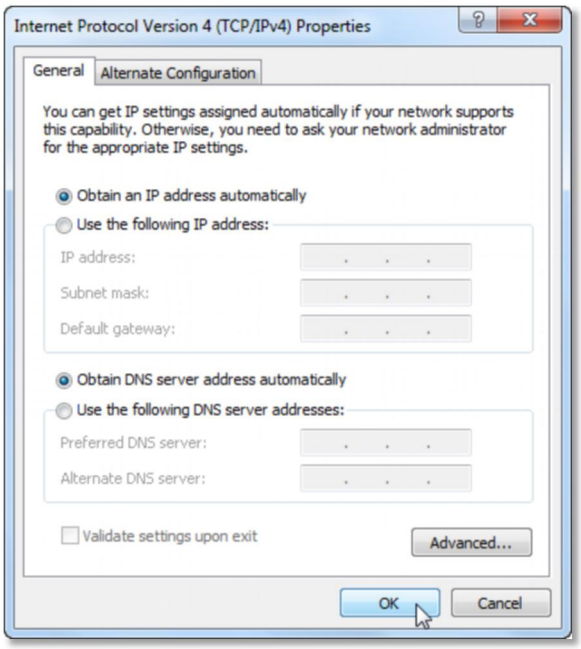
5) Right click **Local Area Connection,** choose **Properties**.


Control Panel ▸ Network and Internet ▸ Network Connections ▸
Search Network Connections
Organize
Disable this network device
Diagnose this connection
Rename this connection
View status of this connection
Local Area Connection
Network
Realtek PCIe FE
Disable
Status
Diagnose
Bridge Connections
Create Shortcut
Delete
Rename
Properties

6) Select **Internet Protocol Version 4 (TCP/IPv4)** and click **Properties**.



7) Select **Obtain an IP address automatically** and **Obtain DNS server address automatically**. Then click **OK**.

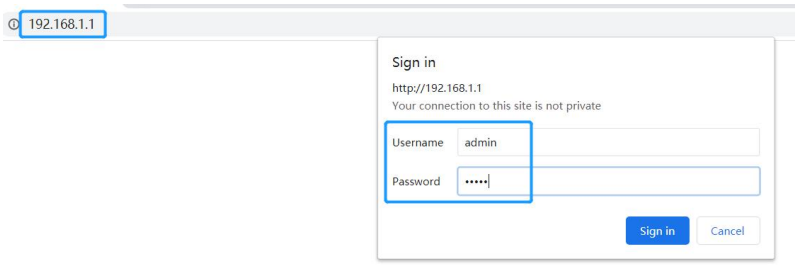


Router status view

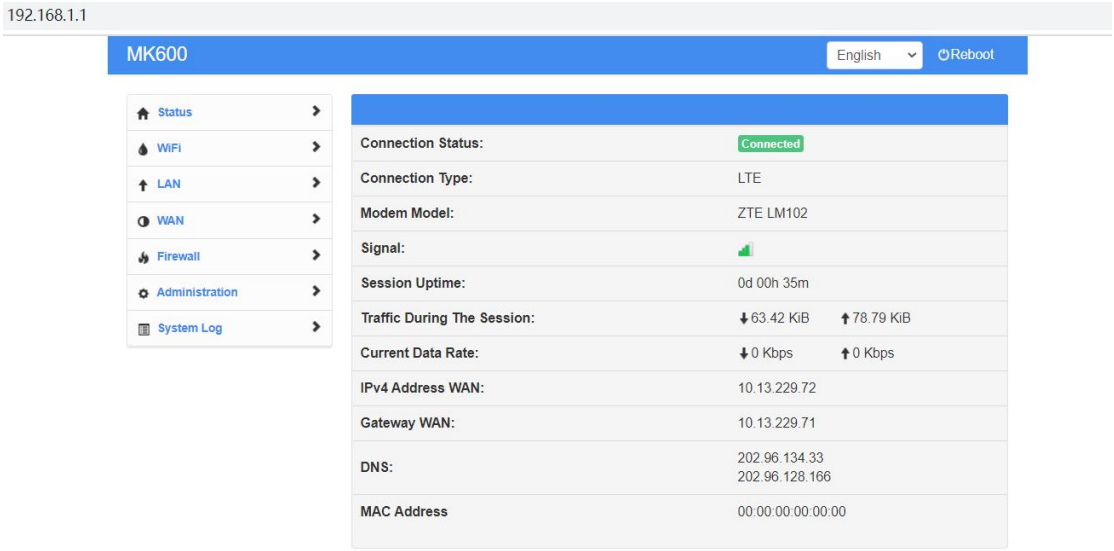
After successful installation, you can go ahead with connecting to the internet, the operations are as follow:

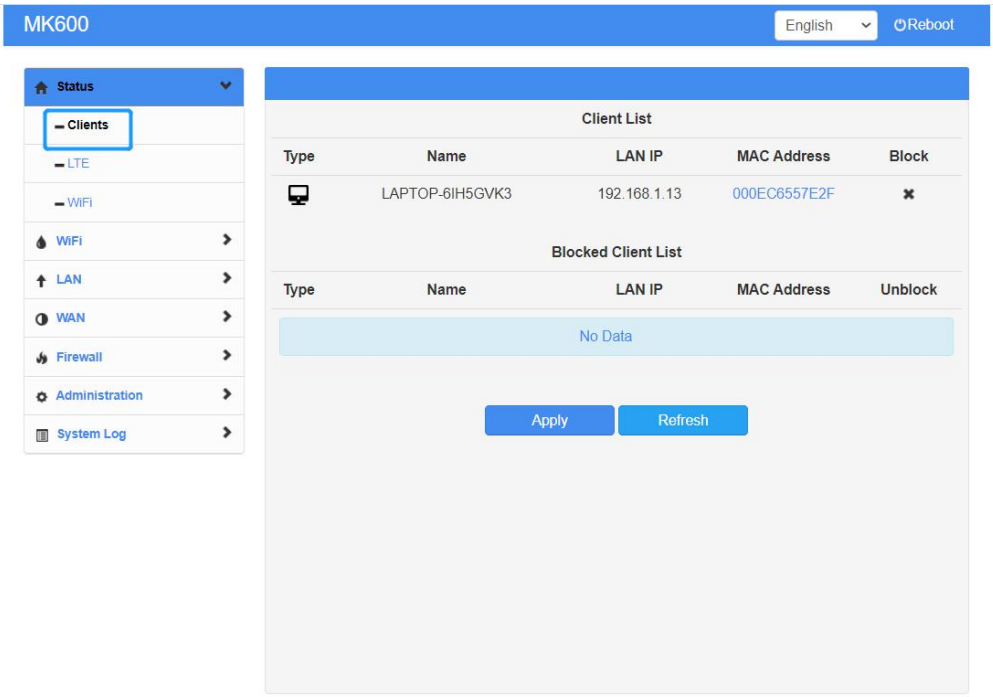
1) Open your web browser, in the address bar, type in 192.168.1.1

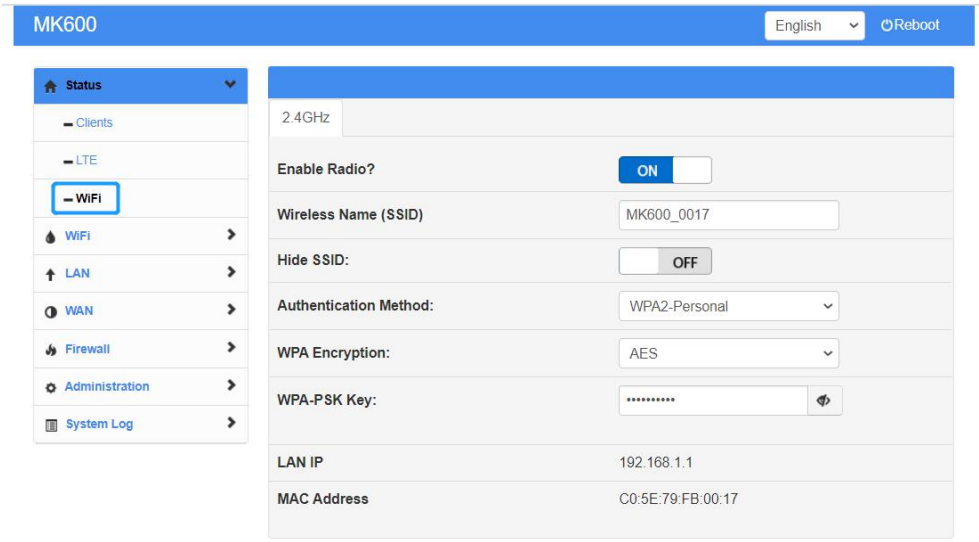
2) You are prompt to enter the Username/Password (preset as admin/admin) which you can found on the label at the bottom of your router, and then click **Login**.



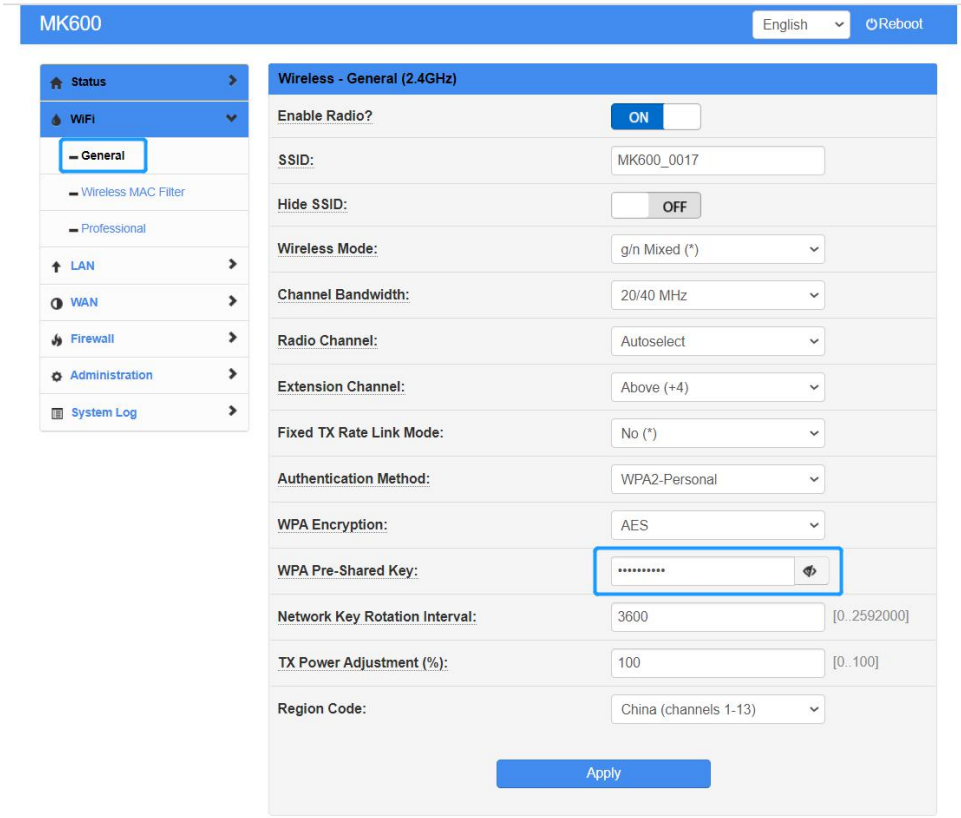
3) After successful login, you can see the web management page of the router comes up,



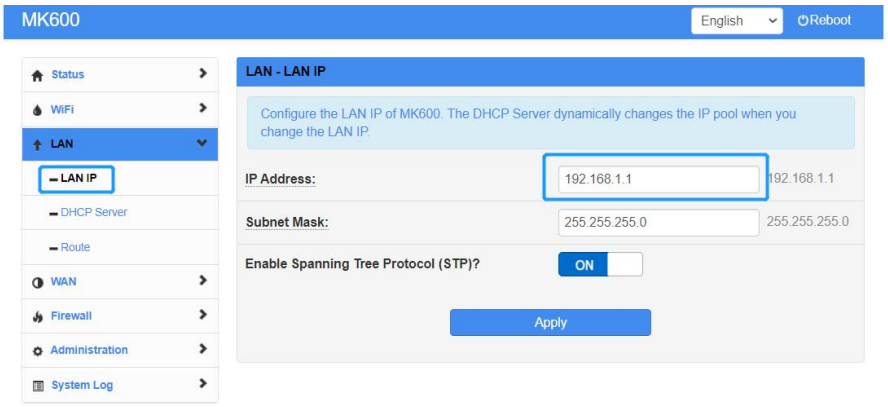

MK600
English
Reboot
Status
Clients
LTE
WiFi
WiFi
LAN
WAN
Firewall
Administration
System Log
Client List
Type
Name
LAN IP
MAC Address
Block
LAPTOP-6IH5GVK3
192.168.1.13
000EC6557E2F
Blocked Client List
Type
Name
LAN IP
MAC Address
Unblock
No Data
Apply
Refresh

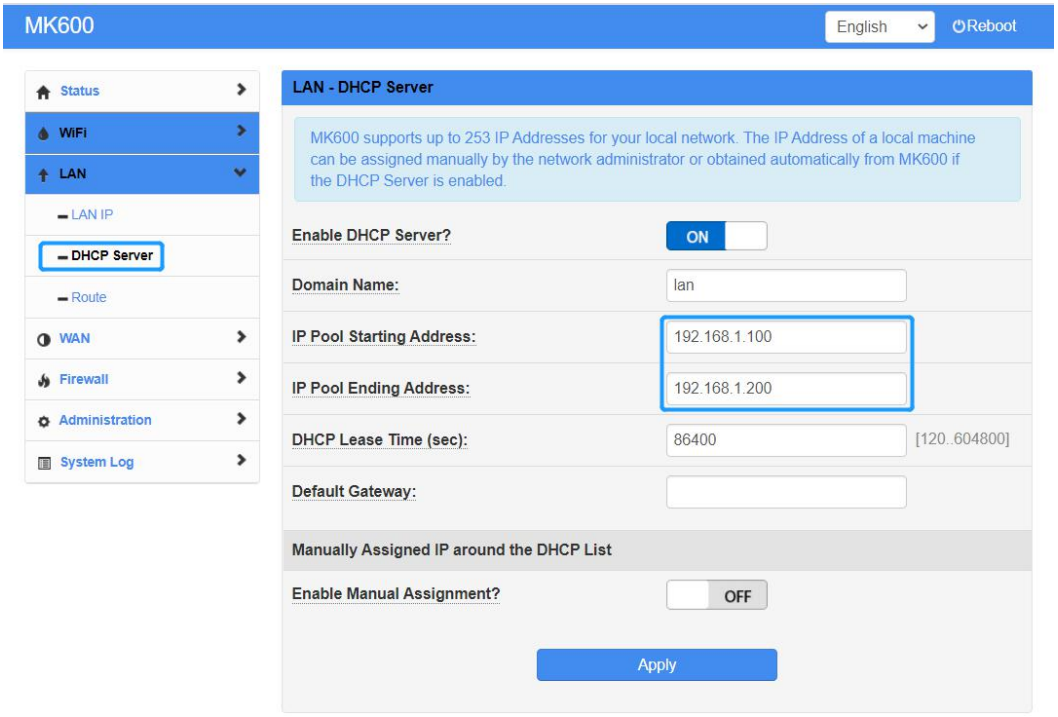

MK600
English
Reboot
Status
Clients
LTE
WiFi
WiFi
LAN
WAN
Firewall
Administration
System Log
2.4GHz
Enable Radio?
ON
Wireless Name (SSID)
MK600_0017
Hide SSID:
OFF
Authentication Method:
WPA2-Personal
WPA Encryption:
AES
WPA-PSK Key:
LAN IP
192.168.1.1
MAC Address
C0:5E:79:FB:00:17

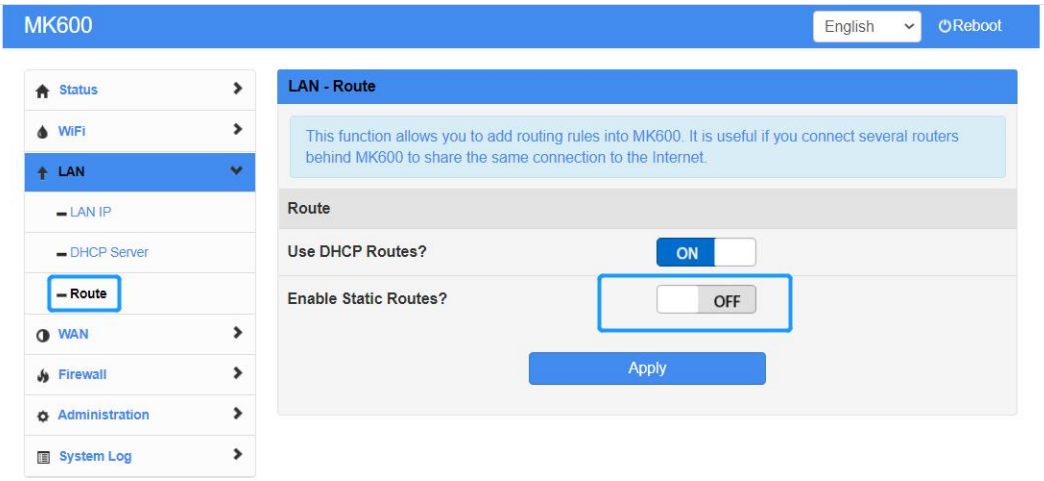
Change Wi-Fi password



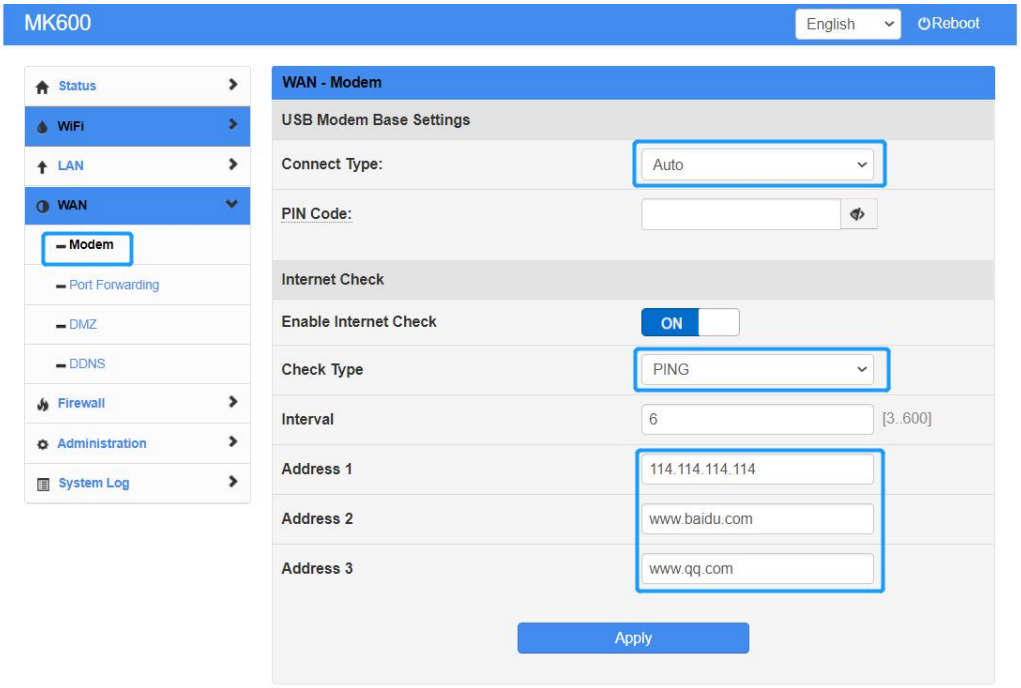
Modify LAN Setting

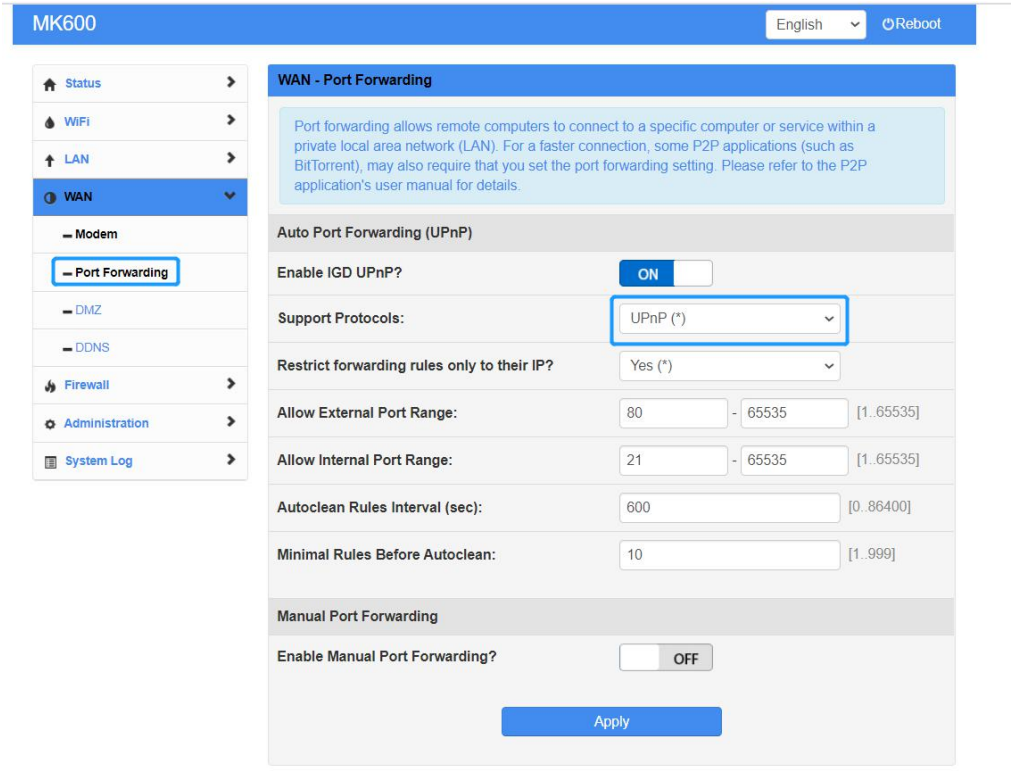


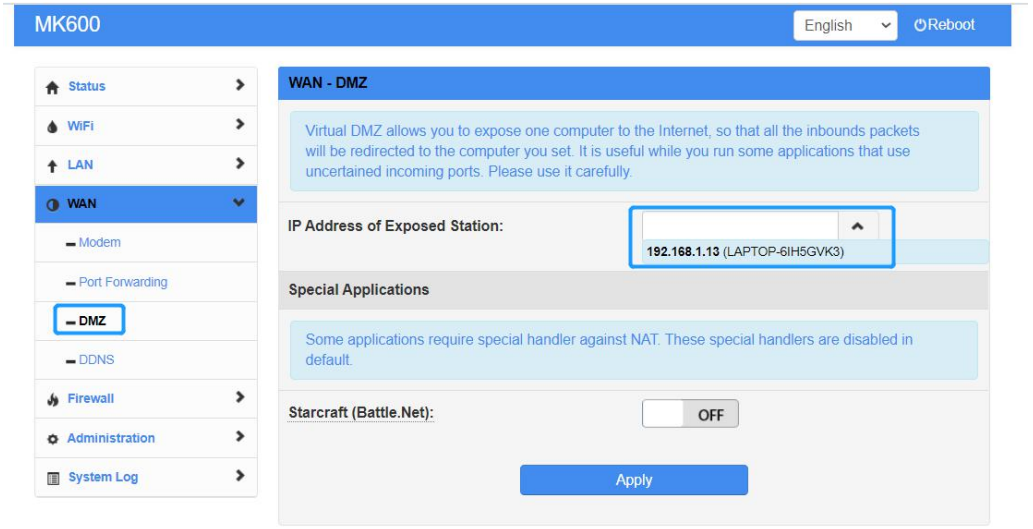

MK600
English
Reboot
Status
WiFi
LAN
LAN IP
DHCP Server
Route
WAN
Firewall
Administration
System Log
LAN - DHCP Server
MK600 supports up to 253 IP Addresses for your local network. The IP Address of a local machine can be assigned manually by the network administrator or obtained automatically from MK600 if the DHCP Server is enabled.
Enable DHCP Server?
ON
Domain Name:
lan
IP Pool Starting Address:
192.168.1.100
IP Pool Ending Address:
192.168.1.200
DHCP Lease Time (sec):
86400
[120..604800]
Default Gateway:
Manually Assigned IP around the DHCP List
Enable Manual Assignment?
OFF
Apply

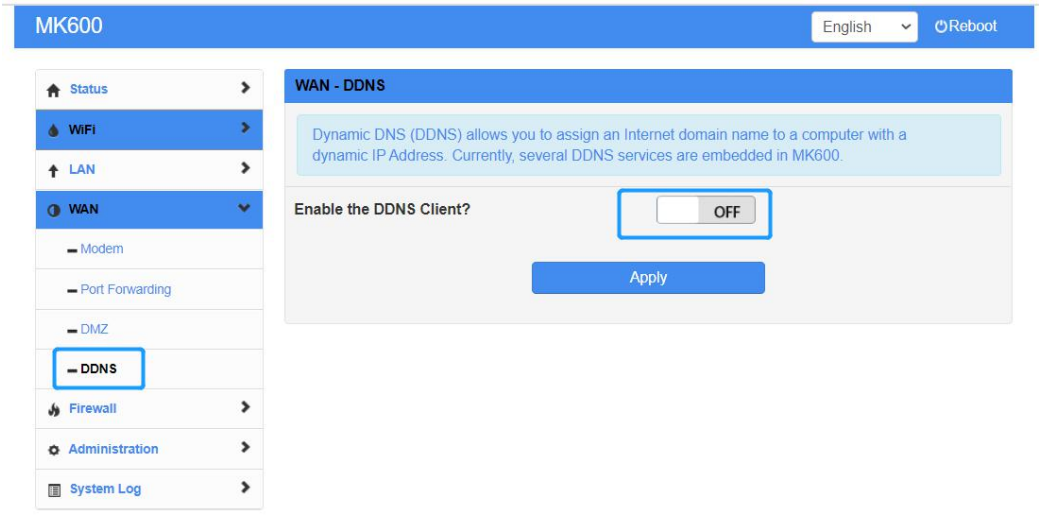

MK600
English
Reboot
Status
WiFi
LAN
LAN IP
DHCP Server
Route
WAN
Firewall
Administration
System Log
LAN - Route
This function allows you to add routing rules into MK600. It is useful if you connect several routers behind MK600 to share the same connection to the Internet.
Route
Use DHCP Routes?
ON
Enable Static Routes?
OFF
Apply

Modify WAN Setting

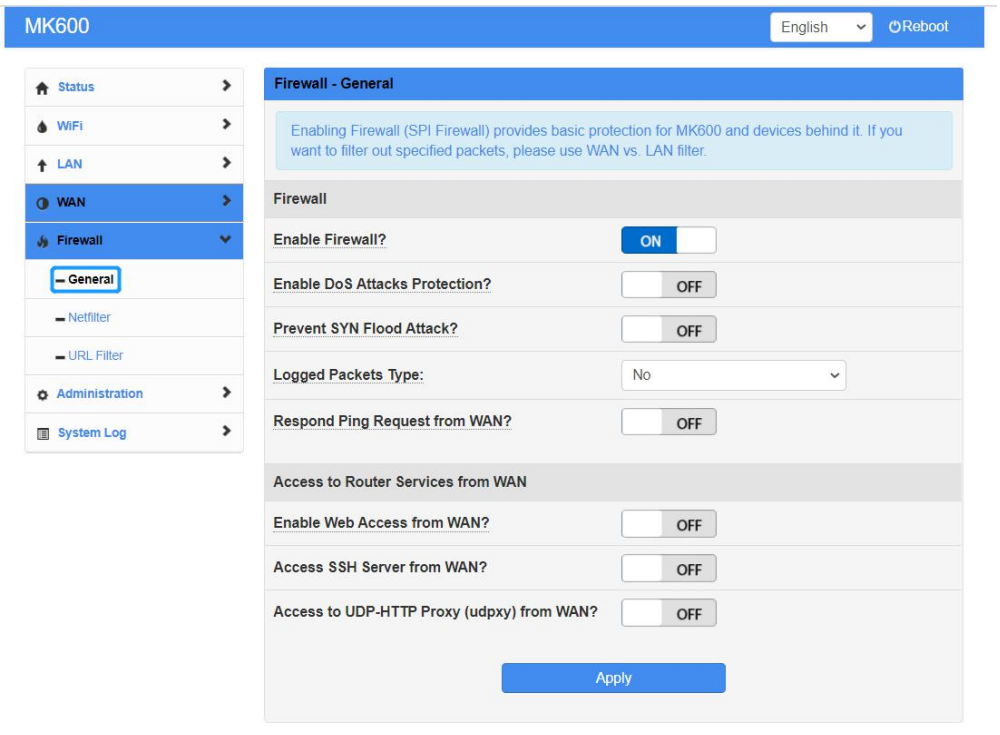


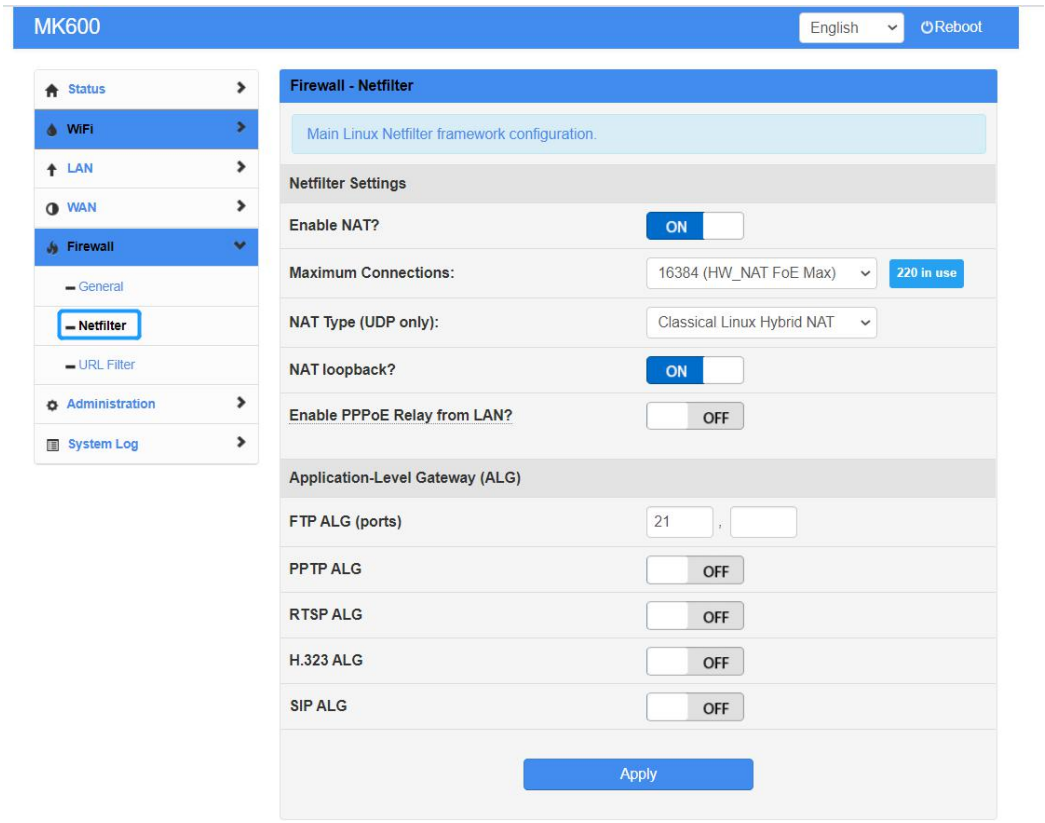


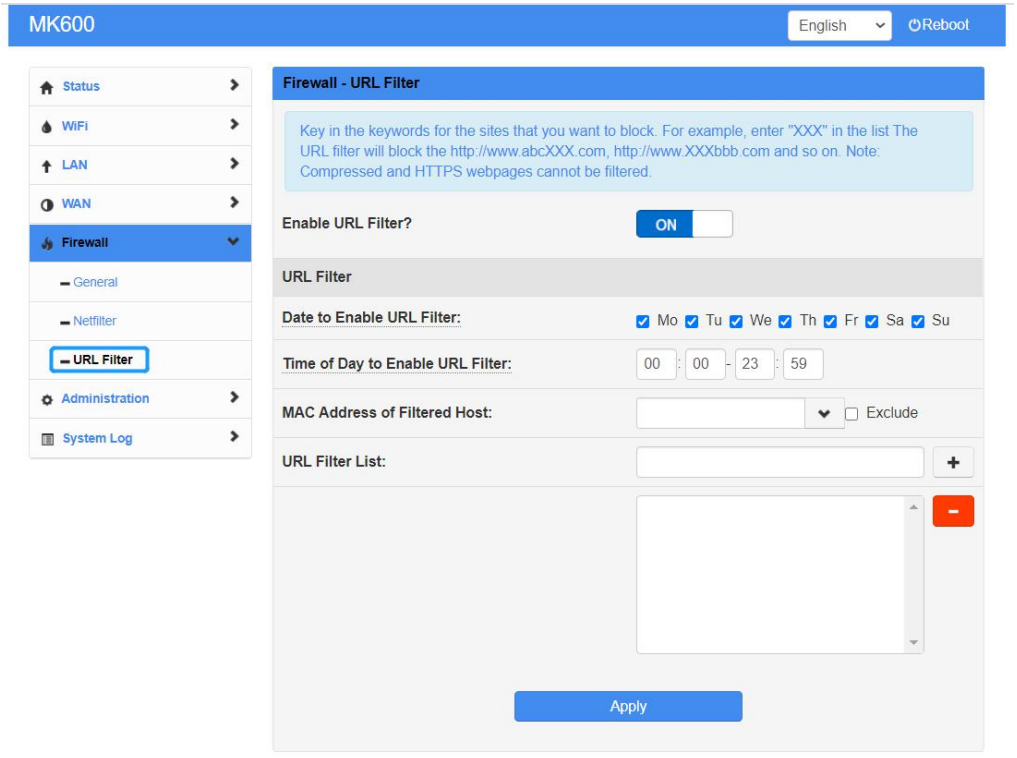




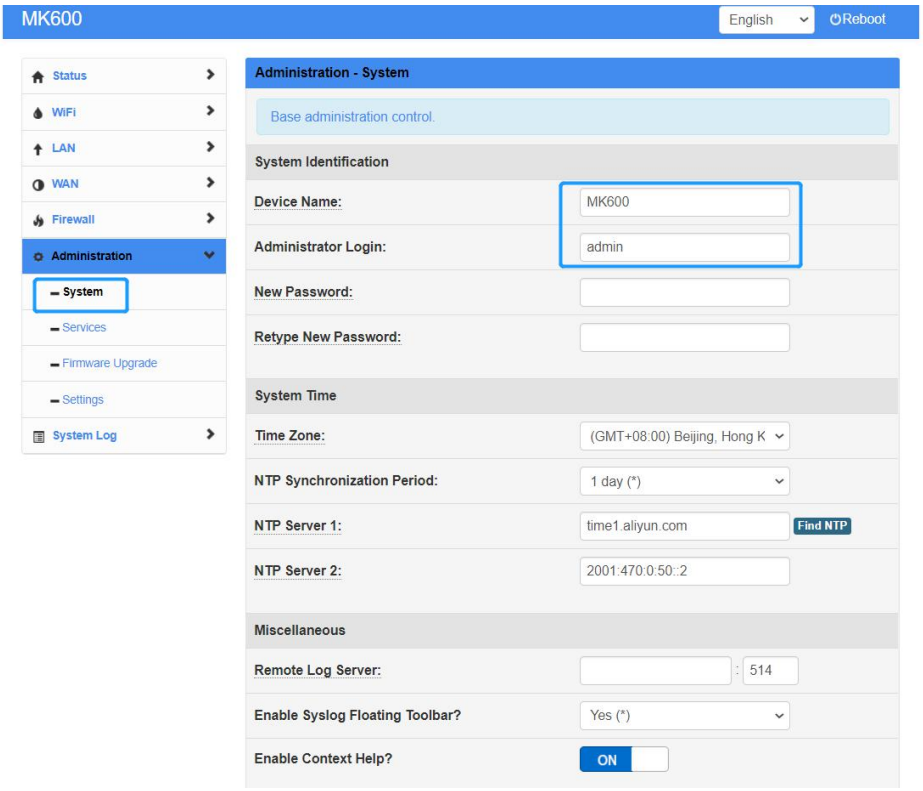
Modify Firewall Setting

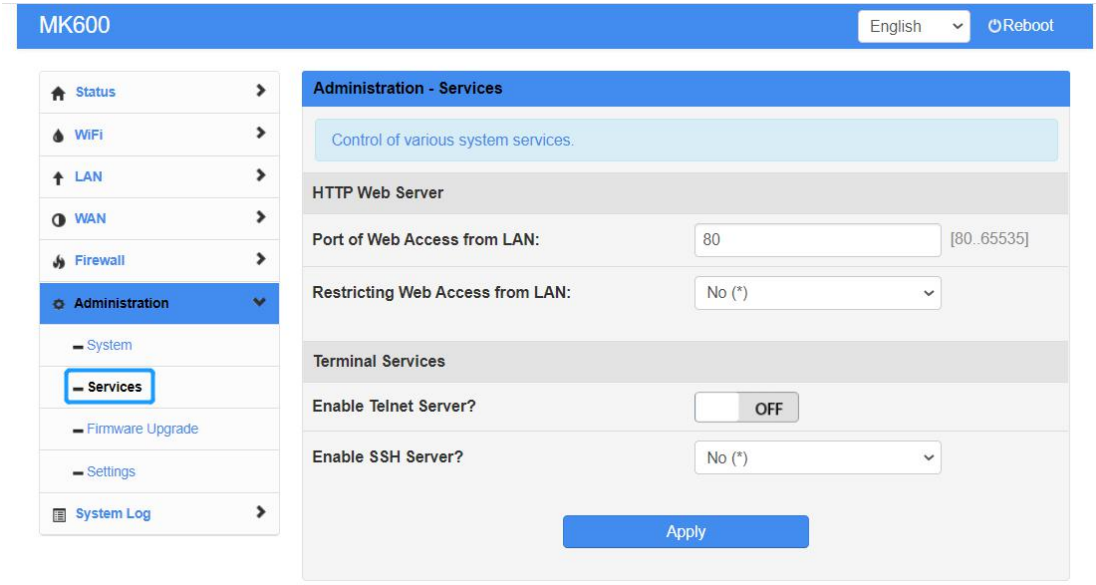


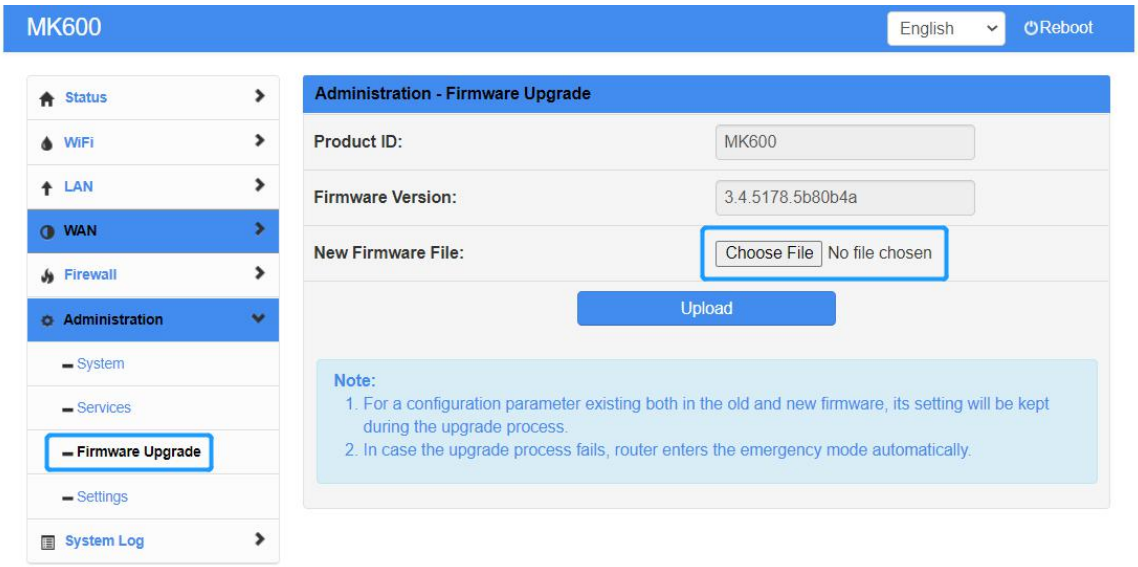


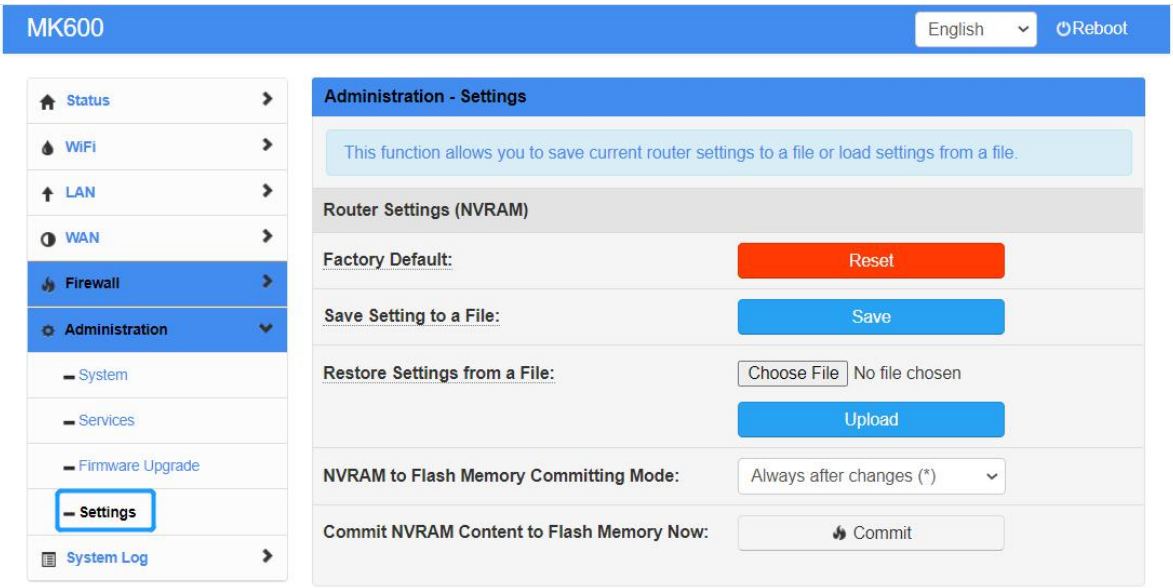


Modify Administrator Setting

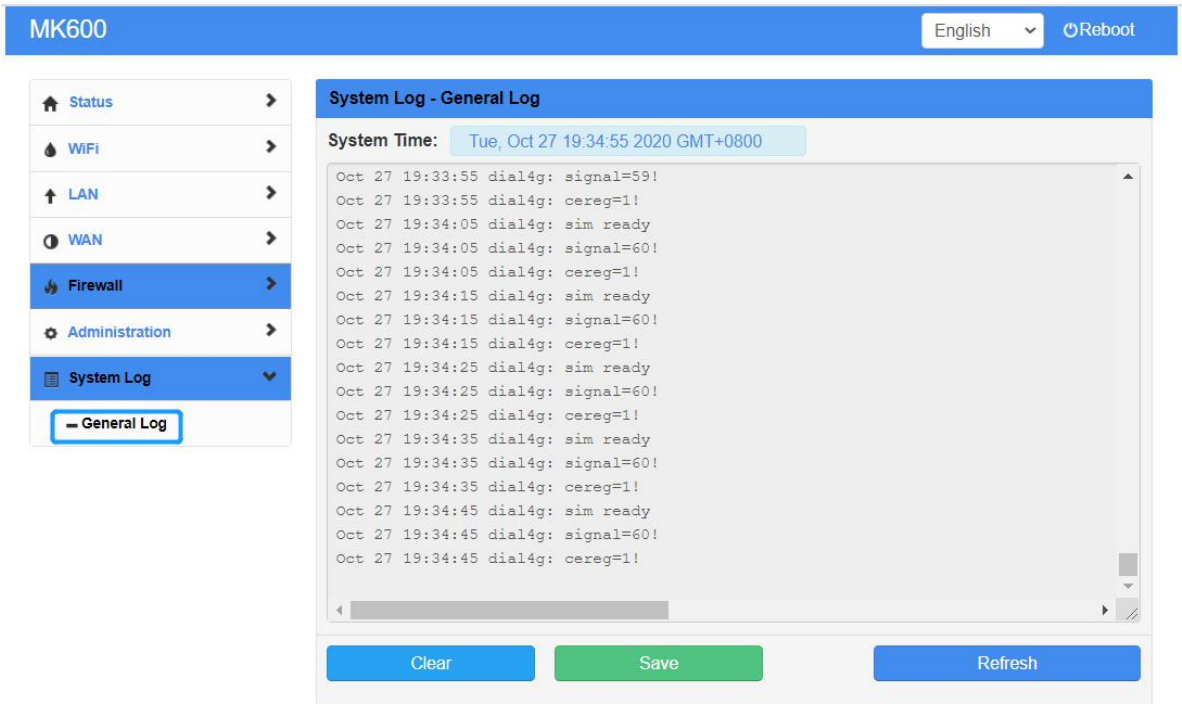

MK600
English
Reboot
Status
WiFi
LAN
WAN
Firewall
Administration
System
Services
Firmware Upgrade
Settings
System Log
Administration - System
Base administration control.
System Identification
Device Name:
MK600
Administrator Login:
admin
New Password:
Retype New Password:
System Time
Time Zone:
(GMT+08:00) Beijing, Hong K
NTP Synchronization Period:
1 day (*)
NTP Server 1:
time1.aliyun.com
Find NTP
NTP Server 2:
2001:470:0:50::2
Miscellaneous
Remote Log Server:
514
Enable Syslog Floating Toolbar?
Yes (*)
Enable Context Help?
ON


MK600
English
Reboot
Status
WiFi
LAN
WAN
Firewall
Administration
System
Services
Firmware Upgrade
Settings
System Log
Administration - Services
Control of various system services.
HTTP Web Server
Port of Web Access from LAN:
80
[80..65535]
Restricting Web Access from LAN:
No (*)
Terminal Services
Enable Telnet Server?
OFF
Enable SSH Server?
No (*)
Apply





View System LOG file


MK600
English
Reboot
Status
WiFi
LAN
WAN
Firewall
Administration
System Log
General Log
System Log - General Log
System Time:
Tue, Oct 27 19:34:55 2020 GMT+0800
Oct 27 19:33:55 dial4g: signal=59!
Oct 27 19:33:55 dial4g: cereg=1!
Oct 27 19:34:05 dial4g: sim ready
Oct 27 19:34:05 dial4g: signal=60!
Oct 27 19:34:05 dial4g: cereg=1!
Oct 27 19:34:15 dial4g: sim ready
Oct 27 19:34:15 dial4g: signal=60!
Oct 27 19:34:15 dial4g: cereg=1!
Oct 27 19:34:25 dial4g: sim ready
Oct 27 19:34:25 dial4g: signal=60!
Oct 27 19:34:25 dial4g: cereg=1!
Oct 27 19:34:35 dial4g: sim ready
Oct 27 19:34:35 dial4g: signal=60!
Oct 27 19:34:35 dial4g: cereg=1!
Oct 27 19:34:45 dial4g: sim ready
Oct 27 19:34:45 dial4g: signal=60!
Oct 27 19:34:45 dial4g: cereg=1!
Clear
Save
Refresh