



netis 3G/4G Wireless N 300Mbps Router Quick Installation Guide

1.Package Contents

3G/4G Wireless N 300Mbps Router, Power Adapter, Ethernet Cable, QIG

2.Hardware Information

2.1 LEDs

LED	Status	Indication
PWR	On	The device is powered on.
	Off	The device is powered off.
WLAN	Flashing	Data is transmitting through the wireless.
	Off	The wireless function is disabled.
WAN LAN1-LAN4	On	The corresponding port is connected to a network device.
	Flashing	Data is transmitting through the corresponding port.
USB	On	The USB port is connected to a USB device.
	Flashing	Data is transmitting through the USB port.
WPS	On	No USB device is connected to the USB port.
	Flashing	WPS: The function is activated or a wireless device is trying to connect to the router through WPS. Default: The router is resetting to factory default.
	Off	WPS/Default function is disabled.

netis 3G/4G Wireless N 300Mbps Router Quick Installation Guide

2.2 Buttons and Ports

Button/Port	Description
WPS/Default	Press and hold the button for 2 seconds to activate the WPS function. Press and hold the button for about 6 seconds until the WPS LED is flashing to reset router.
USB Port	Plug the USB device(3G/4G USB Modem, Hard Disk or USB Storage device).
WAN Port	Connect to an xDSL/Cable/Fiber modem or uplink Ethernet port for Internet Access.
LAN1-LAN4 Port	Connect to a wired device like desktop, set-top box, printer for network sharing.

3.Typical Applications and Installation

Application 1:Connect to 3G/4G network
The MW5230 supports to work with 3G/4G USB Modem for network sharing. You can plug the 3G/4G USB Modem to netis router's USB port to setup the network.

Application 2:Connect to WAN network
The MW5230 can also be used to get Internet access from traditional Ethernet cable. You can connect to an xDSL/Cable/Fiber modem to netis router's WAN port to setup network.

netis 3G/4G Wireless N 300Mbps Router Quick Installation Guide

Installation for Application 1:Connect to 3G/4G network

3.1.1 Hardware Connection

- Plug 3G/4G USB Modem into the USB port.
- Connect your computer to one of the LAN ports on netis Router with an Ethernet cable.
- Plug the provided Power Adapter into the PWR jack of netis Router and the other end to a standard electrical socket. Then wait for one minute.

3.1.2 Configuration

Note: Before setting up the netis router, please make sure your computer are configured to "Obtain an IP address automatically". To setup computer IP, please refer to "Computer Configuration".

Step 1. Open your browser and type <http://192.168.1.1> or <http://netis.cc> in the address field to visit router's web management page.

<http://192.168.1.1> or <http://netis.cc>

Step 2. Click on **Advanced** button in the top-right corner.

netis 3G/4G Wireless N 300Mbps Router Quick Installation Guide

Step 3. Click on **Network** to select **3G/4G** as Internet Access Mode, then click **Save**.

Step 4. Click on **3G/4G** menu, select your mobile ISP and check the **Dial Number/APN/Username/Password** from your mobile ISP, then click **Save**.

Note: Please select the mobile ISP according to the 3G/4G service you applied, then the router will show the default **Dial Number/APN/Username/Password** info. If the **Dial Number/APN/Username/Password** are incorrect, you can manually set them according to the information from your mobile ISP.

netis 3G/4G Wireless N 300Mbps Router Quick Installation Guide

Step 5. Click on **Wireless**, you can configure your own wireless name (SSID) and password. Then click **Save**.

Then you can enjoy the 3G/4G network now!

Note: If your 3G/4G USB Modem cannot be recognized by the router, please contact to our technical support (support@netis-systems.com).

Installation for Application 2:Connect to WAN network

3.2.1 Hardware Connection

netis 3G/4G Wireless N 300Mbps Router Quick Installation Guide

- Power off your Modem.
- Connect the WAN port on netis Router to the Modem's LAN port with an Ethernet cable.
- Connect your computer to one of the LAN ports on netis Router with an Ethernet cable.
- Power on your Modem.
- Plug the provided Power Adapter into the PWR jack of netis Router and the other end to a standard electrical socket. Then wait for one minute.

3.2.2 Configuration

Note: Before setting up the netis router, please make sure your computer are configured to "Obtain an IP address automatically". To setup computer IP, please refer to "Computer Configuration".

Step 1. Open your browser and type <http://192.168.1.1> or <http://netis.cc> in the address field to visit router's web management page.

<http://192.168.1.1> or <http://netis.cc>

Step 2. Select the language as you need on the top box, default is in English. In "Quick Setup" page, select your Internet Connection Type. If "DHCP(Cable Modem)" is selected, the router will automatically receive the IP parameters from your ISP(Internet Service Provider). If "Static IP" is selected, please enter the IP Address/Subnet Mask/Default Gateway/DNS Servers given by your ISP. If "PPPoE" is selected, please enter the Username and Password given by your ISP.

- Under Wireless Setup, configure your wireless network name (SSID) and password.
- Left-click on "Save" to make your settings take effect.

netis 3G/4G Wireless N 300Mbps Router Quick Installation Guide

You can click on **Advanced** button on the top for other Internet connection types and further settings.

4.Computer Configuration

Set the IP address of the wired network adapter on your computer as "Automatic" or "DHCP".

For Windows 8/7/Vista

- Go to "Settings"(Win 8) "Start"(Win 7/Vista) "Control Panel".
- Left-click on "Network and Internet" "Network and Sharing Center" "Change adapter settings"(Win 8/7) "Manage network connections"(Win Vista).
- Right-click on "Local Area Connection" and left-click on "Properties".
- Double-click on "Internet Protocol Version 4(TCP/IPv4)".
- Select "Obtain an IP address automatically" and "Obtain DNS server address automatically" then left-click on "OK".

For Windows XP/2000

- Go to "Start" "Control Panel".
- Left-click on "Network and Internet Connections" "Network Connections".
- Right-click on "Local Area Connection" and left-click on "Properties".
- Double-click on "Internet Protocol (TCP/IP)".
- Select "Obtain an IP address automatically" and "Obtain DNS server address automatically" then left-click on "OK".

For MAC OS

- Click on the "Apple" menu "System Preferences".
- Click on the "Network" icon.
- Click on "Ethernet" in the left side box and click on "Advanced" in the lower right corner.
- In the top options, select "TCP/IP".
- In the pull-down menu next to "Configure IPv4", select "Using DHCP".
- Click "OK" then "Apply".

Tip:
Default Login Address: <http://192.168.1.1> or <http://netis.cc>
Default SSID: netis_XXXXXX
Default wireless password: password
(XXXXXX: Last 6 digits of LAN MAC Address)

5.Troubleshooting

How do I restore my netis Access Point's configuration to its default settings?

Method 1. With Router powered on, press and hold the WPS button for 6 seconds until the WPS LED is flashing.

Method 2. In the main page of web management page, click **Advanced**→**System Tools**→**Factory Default** to reset Router to factory default.

netis 3G/4G Wireless N 300Mbps Router Quick Installation Guide

Appendix: FCC Statement

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.

FCC Radiation Exposure Statement

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and consider removing the no-co-location statement.

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.

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

netis 3G/4G Wireless N 300Mbps Router Quick Installation Guide

Technical Support:

USA/ Canada:
Toll Free: +1 866 71 network (+1 866 716 3896)
E-mail: usa_support@netis-systems.com

Other Regions:
E-mail: support@netis-systems.com

NETIS SYSTEMS CO., LTD.
www.netis-systems.com
MADE IN CHINA