



ASKEY[®]

WHD0110 (RoHS)



SmartRouter IAD

Quick Guide



Version released: 1.0

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Before You Use

Thank you for choosing the SmartRouter IAD WHD0110(RoHS) is dual-core dual system with super memory about 1G RAM + 4G eMMC and built-in removable hard disk up to 1TB. It supports gigabit WiFi with 802.11ac double frequency (2.4GHz/5GHz). It can be used as Router and HD player at same time. It has perfect user interface, so users can manage the files, listen to music, play videos, view photos. It also has SD card and USB port; it is convenient to manage external files for users. Now users can enjoy various bandwidth-consuming applications via WHD0110 (RoHS) SmartRouter.

Unpacking

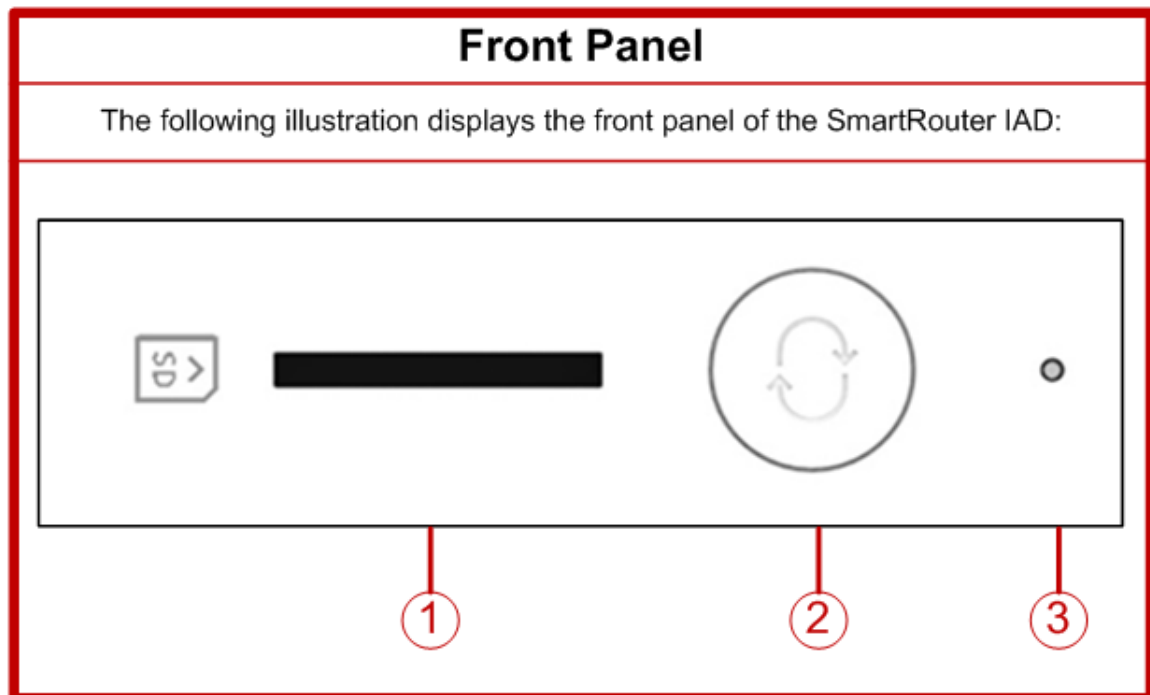
Check the contents of the package against the pack contents checklist below. If any of the items is missing, then contact the dealer from whom the equipment was purchased.



Chapter 1: Overview

This chapter provides you the description for the **LEDs** and connectors on the front and rear surface of the router. Before you use/install this SmartRouter IAD, please take a look at the information first.

Physical Outlook

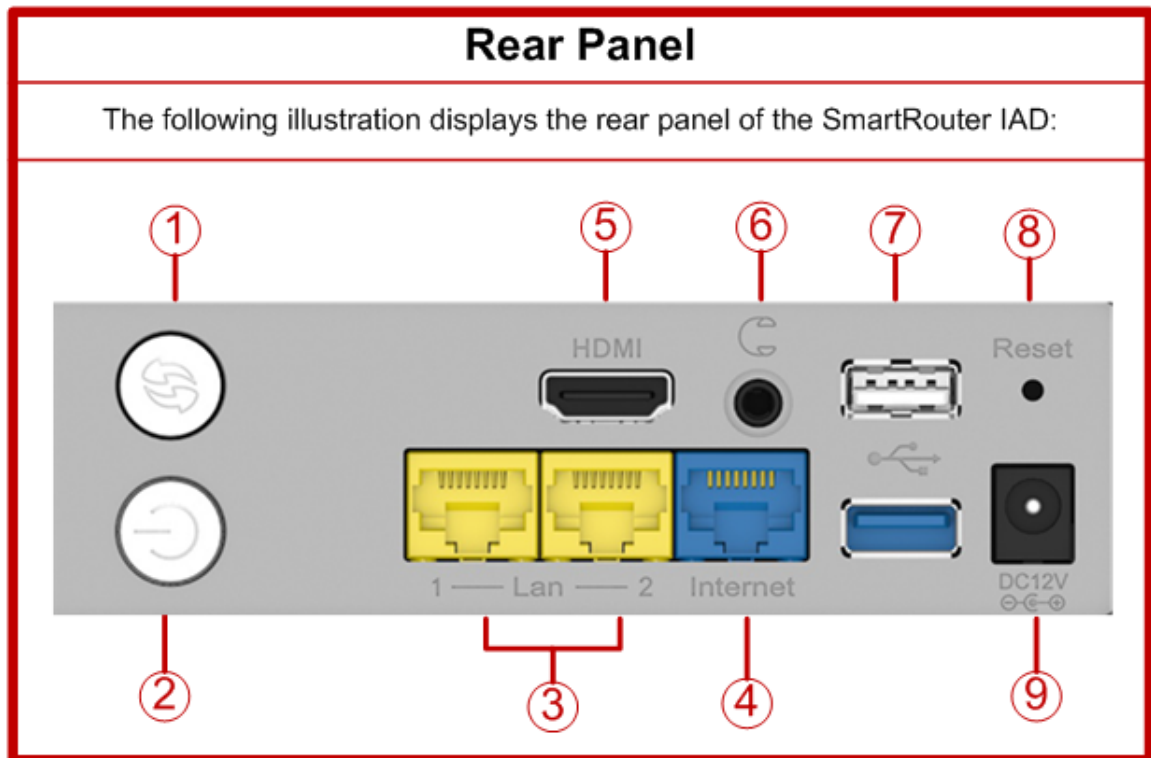


① SD Card Slot Compatible with SD3.0, MMC ver4.41

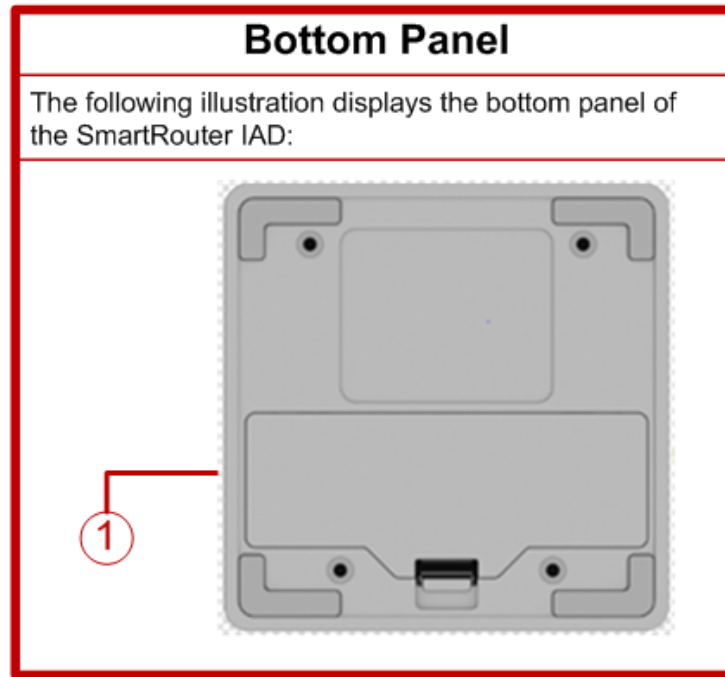
② Hot Key for copy file from SD Card to HDD

③ LED with White & Red, detail as follows

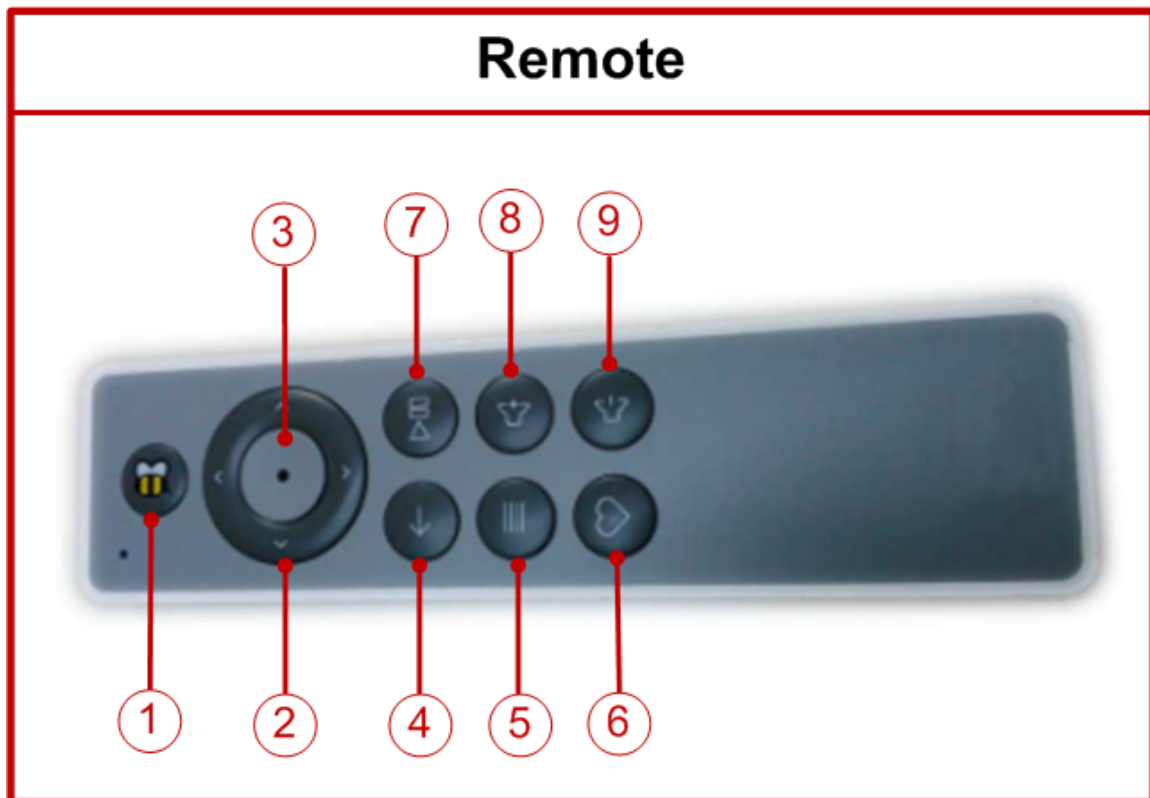
Action	LED		Function Description
Press the Power Switch	●	Solid off	● Solid Off System Off
	●	Solid On Red	● Solid Off White System Starting
	●	Solid Off Red	○ Solid On White System Already
Press the Hot Key	●	Solid Off Red	○ Flashing White File from SD to HDD Copying
	●	Solid Off Red	○ Solid On White File from SD to HDD Complete
	●	Solid On Red about 30s	● Solid Off White about 30s File from SD to HDD Failure
Press the WPS Key	●	Solid Off Red	○ Flashing White WPS connection running
	●	Solid Off Red	○ Solid On White WPS connection failure
	●	Solid On Red about 30s	● Solid Off White about 30s WPS connection complete



- ① Push button for WPS
- ② Push Switch for Power On
- ③ Ports RJ45 10/100 for LAN Ethernet
- ④ Port RJ45 10/100 for WAN Ethernet
- ⑤ HDMI Port Support HDMI1.4 3D feature 1080P/720P
- ⑥ Earphone Jack
- ⑦ Ports USB2.0 for Mouse or key Broad or USB Storage
- ⑧ Push button for Reset to default
- ⑨ DC Jack for 12V Power Supply



① SATA2.5" HDD Swapable Slot with default 1TB HDD

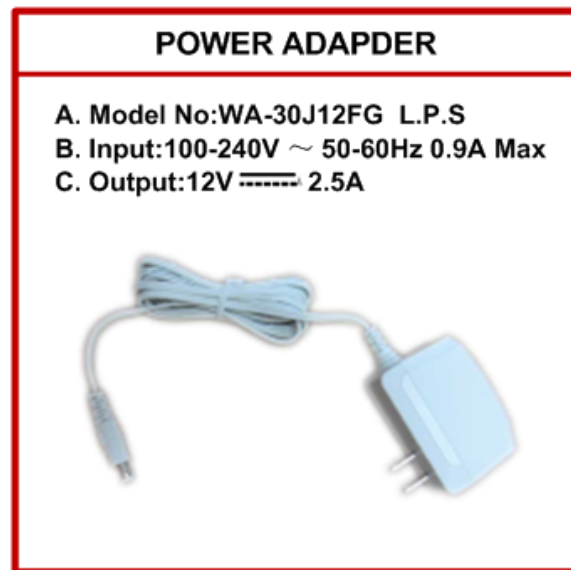


① Home button

② Direction button

③ OK button

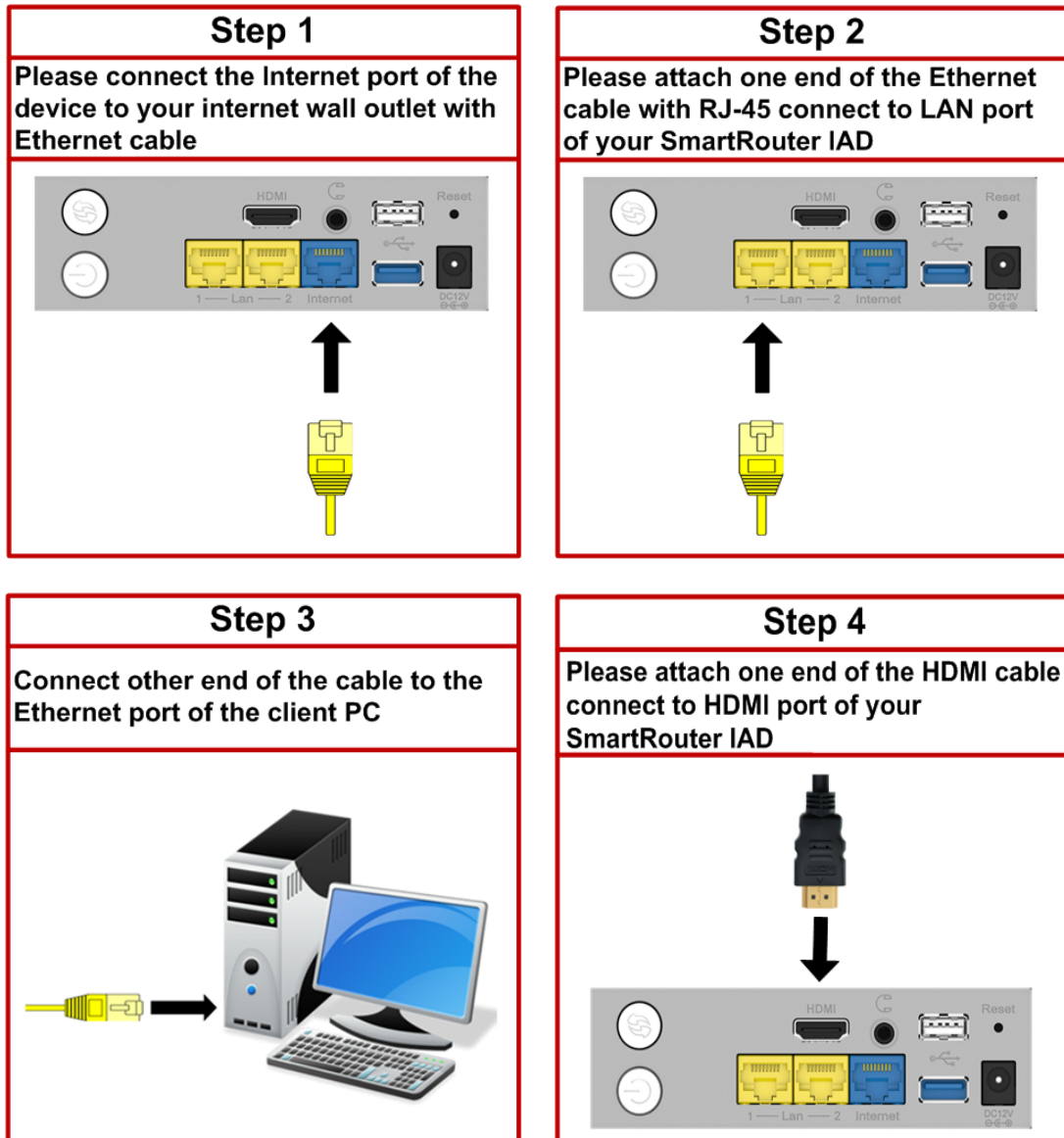
- ④ **Back button**
- ⑤ **Menu button**
- ⑥ **Favorites button**
- ⑦ **Play/Pause button**
- ⑧ **Vol up button**
- ⑨ **Vol down button**



Chapter 2 : System Requirement and Installation

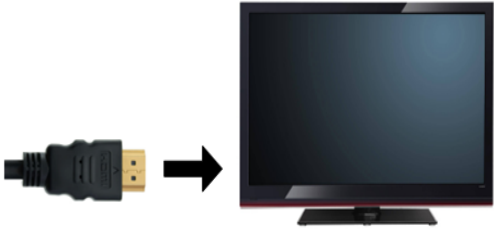
Connecting the SmartRouter IAD

Please follow the steps below to connect the related devices.



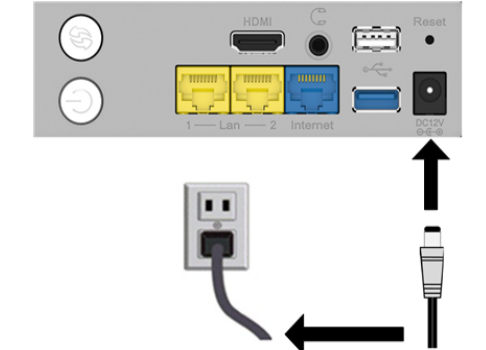
Step 5

Connect other end of the HDMI cable to the HDMI port of the TV



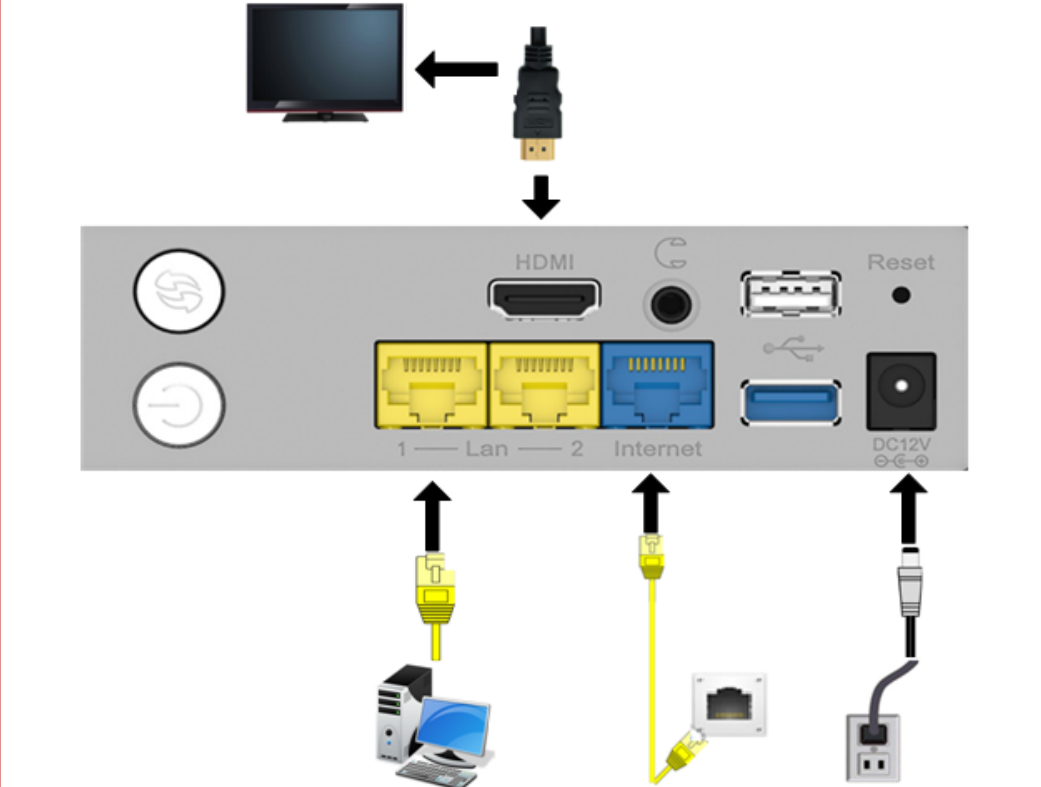
Step 6

Connect the supplied power adapter to the **Power port** of your SmartRouter IAD, and plug the other end to a power outlet.



Step 7

Turn on the power switch. Here is an example for connecting the PC and the TV to the SmartRouter IAD

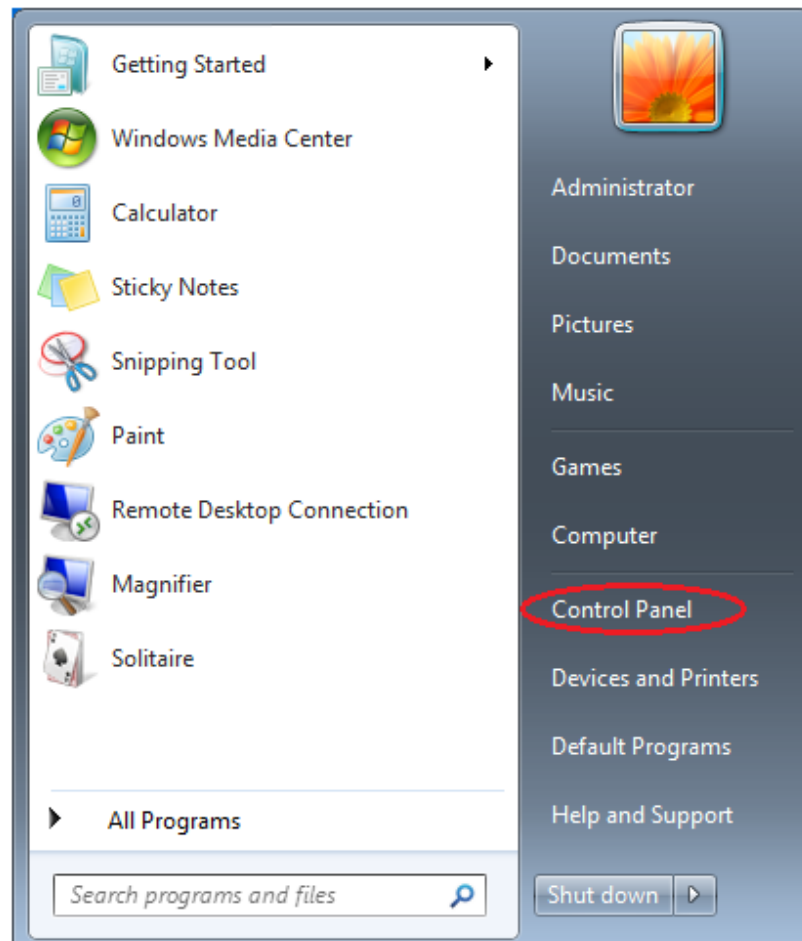


Setting up TCP / IPv4

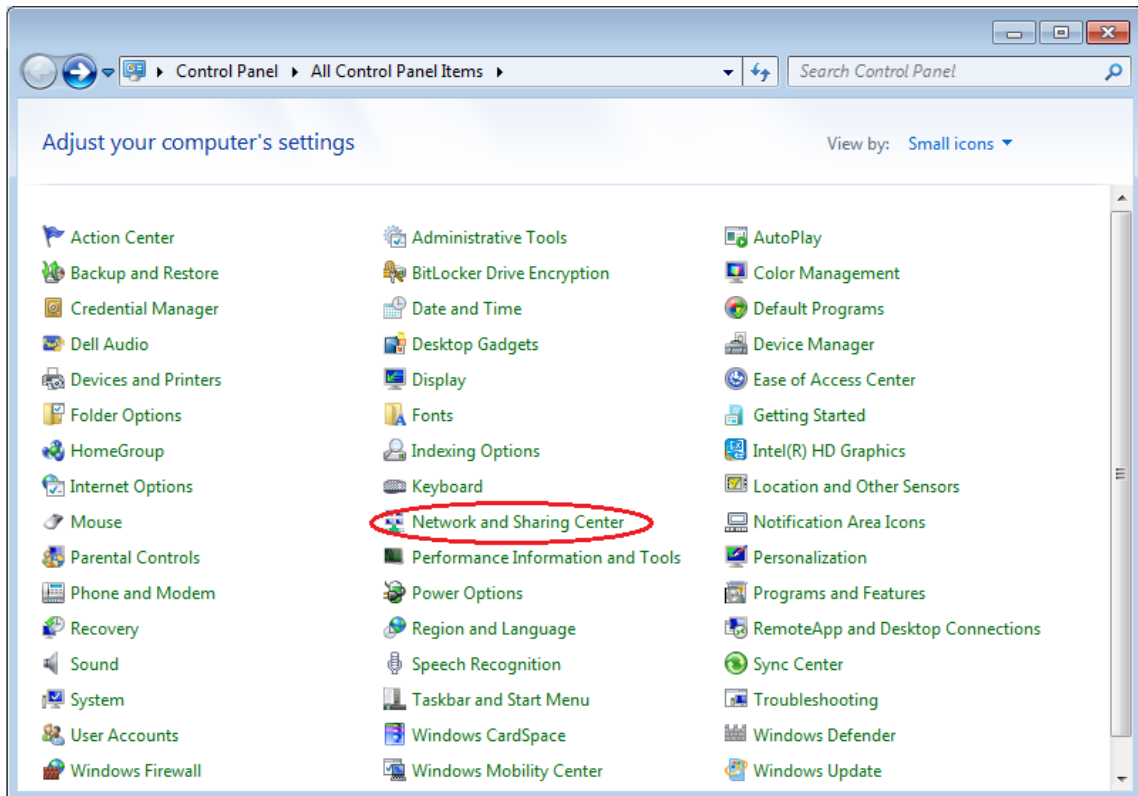
In the following illustrations, we will set the PC to get an IP address automatically at the same time.

For Windows 7

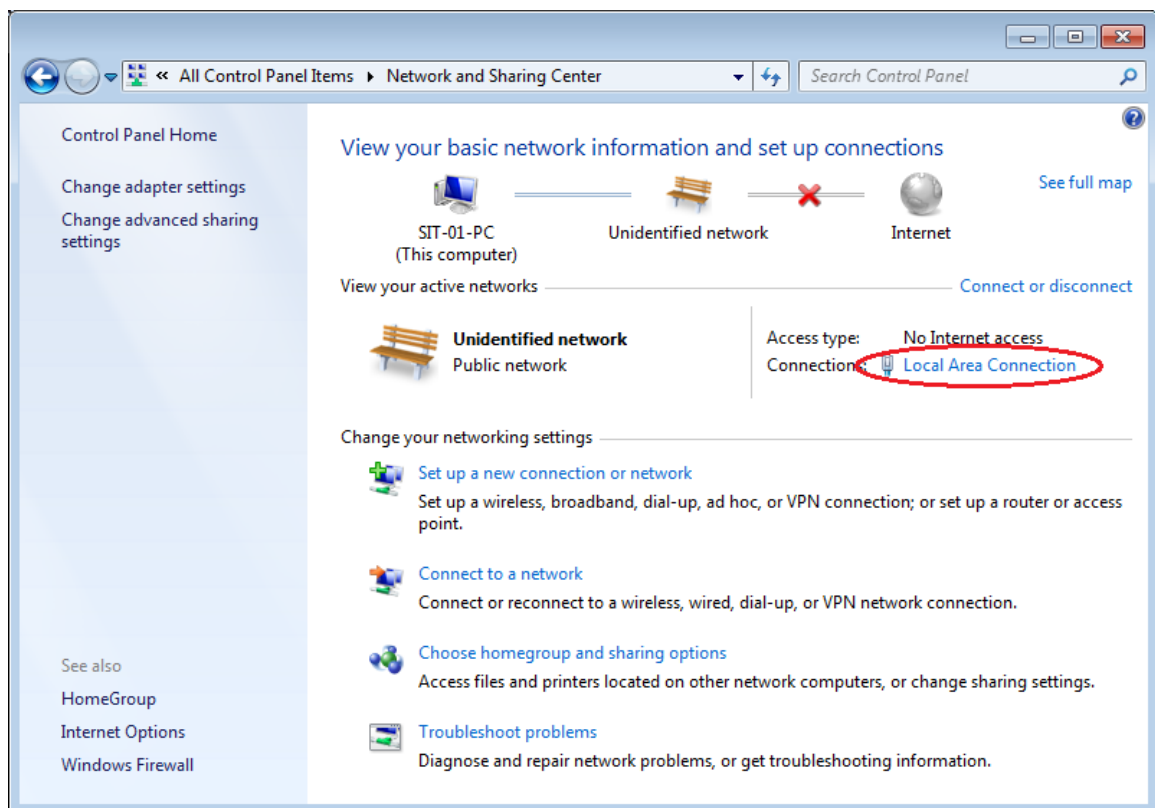
1. Open the Start menu, point to Control Panel and click it.



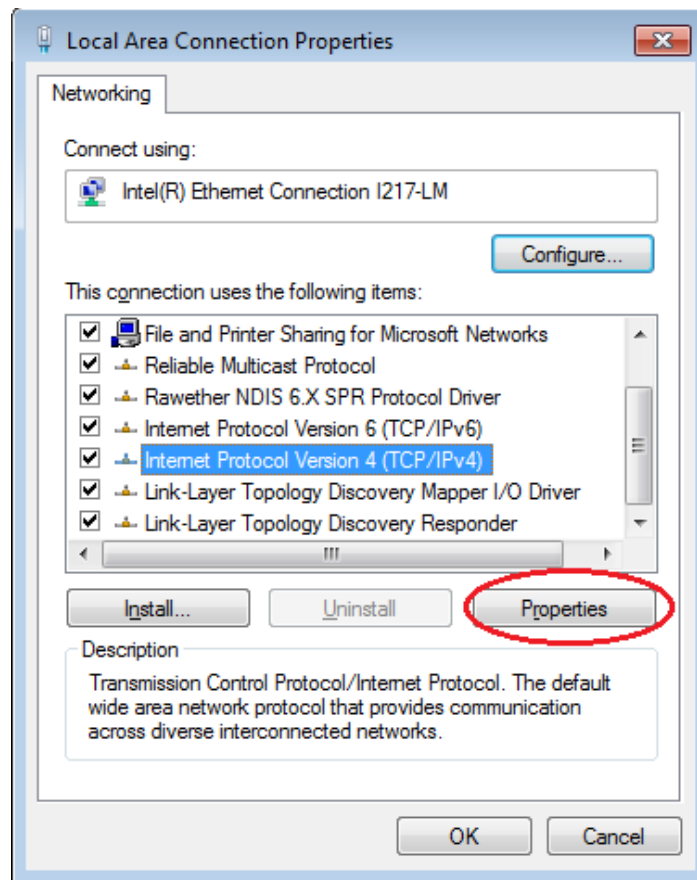
2. Double click the Network and Sharing Center.



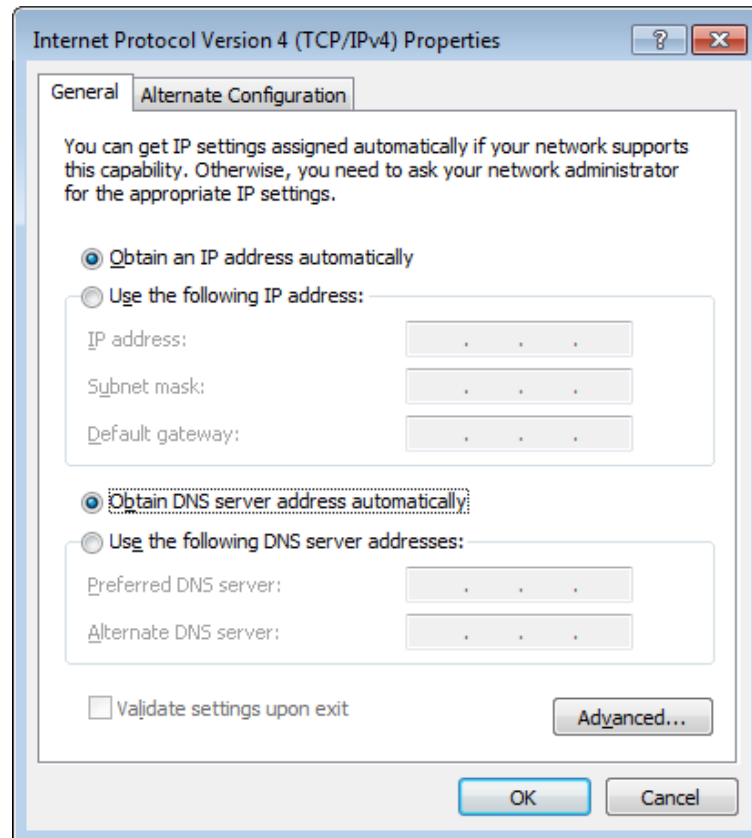
3. Click Local Area Connection and then click Properties.



4. When it returns to the General Tab on the Local Area Connection Properties window, highlight Internet Protocol (TCP/IPv4) and then click Properties.



6. Under the General tab, select Obtain an IP address automatically, and Obtain DNS server address automatically. Then click Ok.

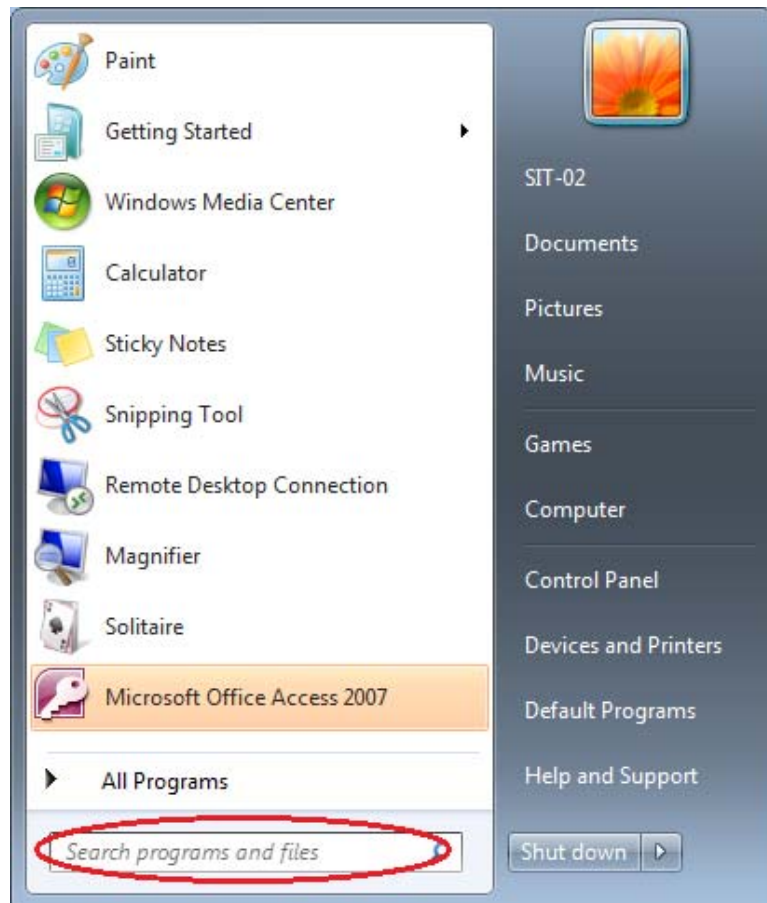


Renewing IP Address on Client PC

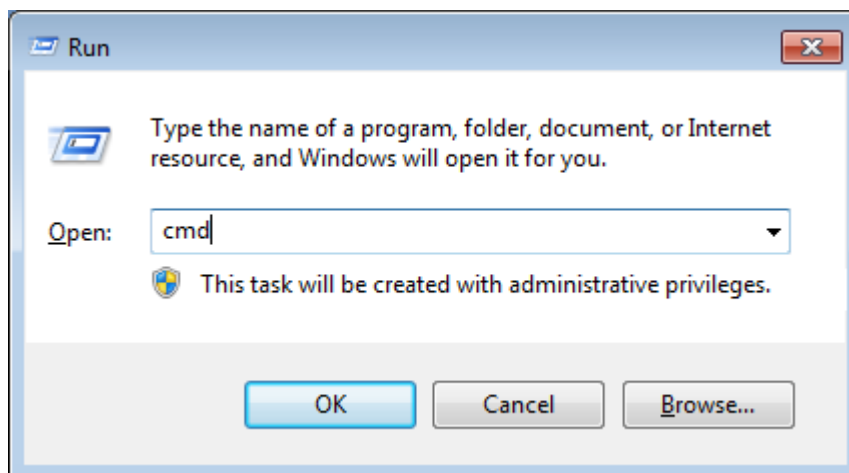
After the SmartRouter IAD gets on line, there is a chance that your PC does not renew its IP address and thus causes the PC not able to access the Internet. To solve this problem, please follow the procedures below to renew PC's IP address.

For Windows 7

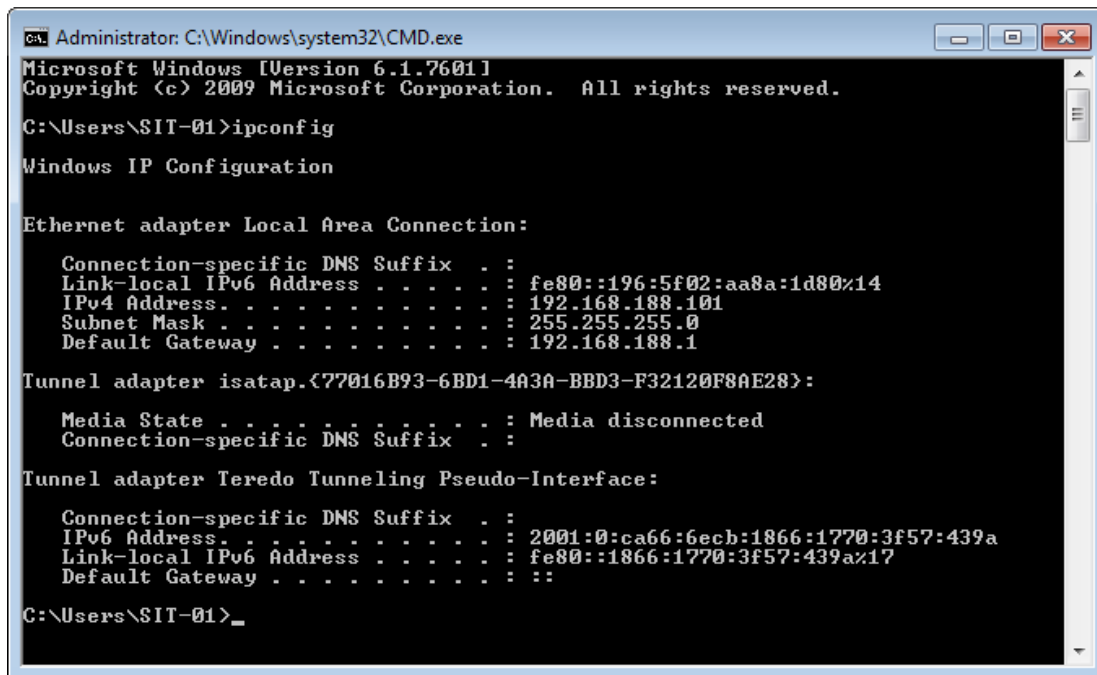
1. Open the Start menu, and search Run.



2. Type `cmd` in the text box that appears and click OK. Then you will see the command prompt window.



3. Type `ipconfig` at the command prompt window and press Enter to view the computer's IP information from DHCP server.



```
Administrator: C:\Windows\system32\CMD.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\SIT-01>ipconfig

Windows IP Configuration

Ethernet adapter Local Area Connection:

    Connection-specific DNS Suffix  . : 
    Link-local IPv6 Address . . . . . : fe80::196:5f02:aa8a:1d80%14
    IPv4 Address. . . . . : 192.168.188.101
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.188.1

Tunnel adapter isatap.<77016B93-6BD1-4A3A-BBD3-F32120F8AE28>:

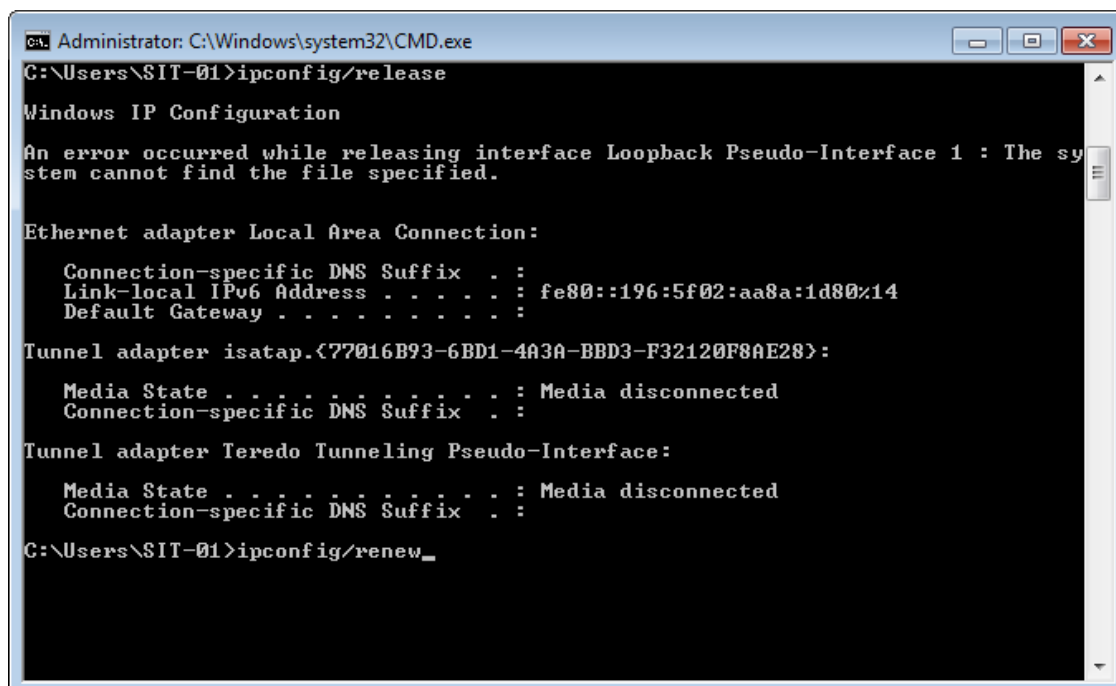
    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . : 

Tunnel adapter Teredo Tunneling Pseudo-Interface:

    Connection-specific DNS Suffix  . : 
    IPv6 Address. . . . . : 2001:0:ca66:6ecb:1866:1770:3f57:439a
    Link-local IPv6 Address . . . . . : fe80::1866:1770:3f57:439a%17
    Default Gateway . . . . . : ::

C:\Users\SIT-01>
```

4. If the computer is holding a current IP address, type `ipconfig /release` to let go of the address, then type `ipconfig /renew` to obtain a new one.



```
Administrator: C:\Windows\system32\CMD.exe
C:\Users\SIT-01>ipconfig /release

Windows IP Configuration

An error occurred while releasing interface Loopback Pseudo-Interface 1 : The system cannot find the file specified.

Ethernet adapter Local Area Connection:

    Connection-specific DNS Suffix  . : 
    Link-local IPv6 Address . . . . . : fe80::196:5f02:aa8a:1d80%14
    Default Gateway . . . . . : 

Tunnel adapter isatap.<77016B93-6BD1-4A3A-BBD3-F32120F8AE28>:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . : 

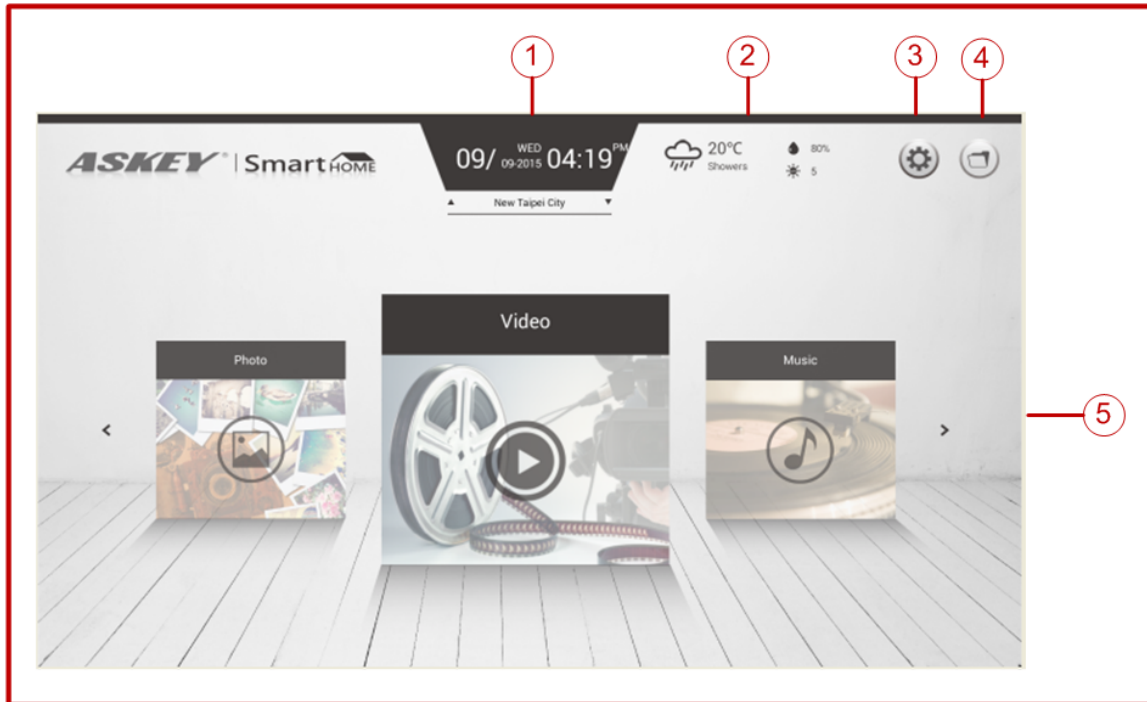
Tunnel adapter Teredo Tunneling Pseudo-Interface:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . : 

C:\Users\SIT-01>ipconfig /renew_
```

Brief introduction of UI on TV

In the following illustrations, we will know the function on the User interface.



- ① **Date & time and location:** Can show current location and date & time
- ② **Weather:** Can show current weather condition, humidity and light intensity (based on the information from the Internet)
- ③ **Setting:** Can set up SmartRouter
- ④ **Folder:** Can read and write folder
- ⑤ **Photo & Video & Music:** Can open picture, video and music directly

低功率電波輻射性電機管理辦法

第十二條

經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能

第十四條

低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

本產品使用時建議應至少距離人體 20cm。

Federal Communications Commission (FCC) Interference 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 generate, 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 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.

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

RF exposure warning

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. 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 collocated or operating in conjunction with any other antenna or transmitter.