

WHD0110 (RoHS) SmartRouter IAD

Quick Guide



Version released: 1.0

TABLE OF CONTENTS

Before You Use	3
Unpacking	3
Chapter 1: Overview	4
Physical Outlook	4
Chapter 2 : System Requirement and Installation	8
Connecting the SmartRouter IAD	8
Setting up TCP / IPv41	0
For Windows 7 踊1	0
Renewing IP Address on Client PC1	3
For Windows 7 晒1	3
Brief introduction of UI on TV 1	6

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	LEI	D	Function Description
	Solid off	Solid Off	System Off
Press the Power Switch	Solid On Red 🦳	Solid Off White	System Starting
	Solid Off Red	Solid On White	System Already
	Solid Off Red	Flashing White	File from SD to HDD Copying
Press the Hot Key	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
	Solid Off Red	Flashing White	WPS connection running
Press the WPS Key	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"HDDSwapable 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**

POWER ADAPDER A. Model No:WA-30J12FG L.P.S B. Input:100-240V ~ 50-60Hz 0.9A Max C. Output:12V ----- 2.5A

Chapter 2 : System Requirement and Installation

Connecting the SmartRouter IAD

Please follow the steps below to connect the related devices.







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.

			x
Control Panel All C	ontrol Panel Items 🕨	✓ ← Search Control Panel	٩
Adjust your computer's setting	5	View by: Small icons 🔻	
🏲 Action Center	👸 Administrative Tools	🖬 AutoPlay	Â
🐌 Backup and Restore	🏘 BitLocker Drive Encryption	📮 Color Management	
Credential Manager	🖶 Date and Time	😿 Default Programs	
🔄 Dell Audio	📑 Desktop Gadgets	🚔 Device Manager	
Devices and Printers	🛄 Display	lase of Access Center	
F Folder Options	🚺 Fonts	릞 Getting Started	
🤣 HomeGroup	🔑 Indexing Options	鼳 Intel(R) HD Graphics	
🔁 Internet Options	📖 Keyboard	🖾 Location and Other Sensors	=
Ø Mouse	Retwork and Sharing Center	📟 Notification Area Icons	
🚳 Parental Controls	Performance Information and Tools	Personalization	
📰 Phone and Modem	🗃 Power Options	💽 Programs and Features	
Pecovery	🔗 Region and Language	🐻 RemoteApp and Desktop Connections	
🛋 Sound	🖶 Speech Recognition	🔞 Sync Center	
1 System	🛄 Taskbar and Start Menu	📧 Troubleshooting	
😣 User Accounts	📑 Windows CardSpace	🕍 Windows Defender	
🔗 Windows Firewall	🖼 Windows Mobility Center	Windows Update	-

3. Click Local Area Connection and then click Properties.

🚱 🗢 🕎 « All Control Panel	Items > Network and Sharing Center - 4
Control Panel Home	View your basic network information and set up connections
Change adapter settings	🚺 💐 🛶 🕼 See full map
Change advanced sharing settings	SIT-01-PC Unidentified network Internet (This computer)
	View your active networks Connect or disconnect
	Unidentified network Access type: No Internet access Public network Connection: Local Area Connection
	Change your networking settings
	Set up a new connection or network Set up a wireless, broadband, dial-up, ad hoc, or VPN connection; or set up a router or access point.
	📷 Connect to a network
	Connect or reconnect to a wireless, wired, dial-up, or VPN network connection.
See also HomeGroup	Choose homegroup and sharing options Access files and printers located on other network computers, or change sharing settings.
Internet Options	Troubleshoot problems
Windows Firewall	Diagnose and repair network problems, or get troubleshooting information.

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

📱 Local Area Connection Properties		
Networking		
Connect using:		
Intel(R) Ethemet Connection I217-LM		
Configure		
This connection uses the following items:		
 File and Printer Sharing for Microsoft Networks Reliable Multicast Protocol Rewether NDIS 6.X SPR Protocol Driver Internet Protocol Version 6 (TCP/IPv6) Internet Protocol Version 4 (TCP/IPv4) Internet Protocol Version 4 (TCP/IPv4) Ink-Layer Topology Discovery Mapper I/O Driver Ink-Layer Topology Discovery Responder 		
Install Uninstall Properties Description		
OK Cancel		

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

Internet Protocol Version 4 (TCP/IPv4) Properties			
General Alternate Configuration			
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.			
Obtain an IP address automatical	Obtain an IP address automatically		
Use the following IP address:			
IP address:			
S <u>u</u> bnet mask:			
Default gateway:			
Obtain DNS server address autom	matically		
O Use the following DNS server add	dresses:		
Preferred DNS server:			
<u>A</u> lternate DNS server:			
Validate settings upon exit	Ad <u>v</u> anced		
	OK Cancel		

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.

🧭 Paint	
Getting Started	STT 03
🥹 Windows Media Center	511-02
Calculator	Documents
5 Sticky Notes	Pictures
Snipping Tool	Music
Remote Desktop Connection	Games Computer
Magnifier	Control Panel
Solitaire	Devices and Printers
Microsoft Office Access 2007	Default Programs
All Programs	Help and Support
Search programs and files	Shut down 🕨

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 [Uersion 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 ... ... .: 192.168.188.1
Tunnel adapter isatap.<??7016B93-6BD1-4A3A-BBD3-F32120F8AE28>:
Media State ... .: Media disconnected
Connection-specific DNS Suffix .:
Ivonel adapter Teredo Tunneling Pseudo-Interface:
Connection-specific DNS Suffix .:
Ivonel adapter Teredo Tunneling Pseudo-Interface:
Connection-specific DNS Suffix .:
Connection
```

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.



Brief introduction of UI on TV

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



①Date & time and location: Can show current location and date & time

2Weather: Can show current weather condition, humidity and light intensity (based on the information from the Internet)

③Setting: Can set up SmartRouter

④Folder: Can read and write folder

⑤Photo & 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.