



Download Status

Download Assistant - Job List

There are xx download jobs in the list. 0 download jobs in the list.

View Running (0 Jobs) Download Status

---

Page 1

Type	Name	Status
<span>Pause</span> <span>Delete</span> <span>Resume</span> <span>Start Now</span>		
<span>Refresh</span> <span>Log</span>		

At this page, you could check the download jobs of HTTP and FTP.

How to access data on the NAS?

Windows User

By network place

Then start your "file manager", type the IP with "\\" on the beginning, as follow picture shown.

Then press enter.



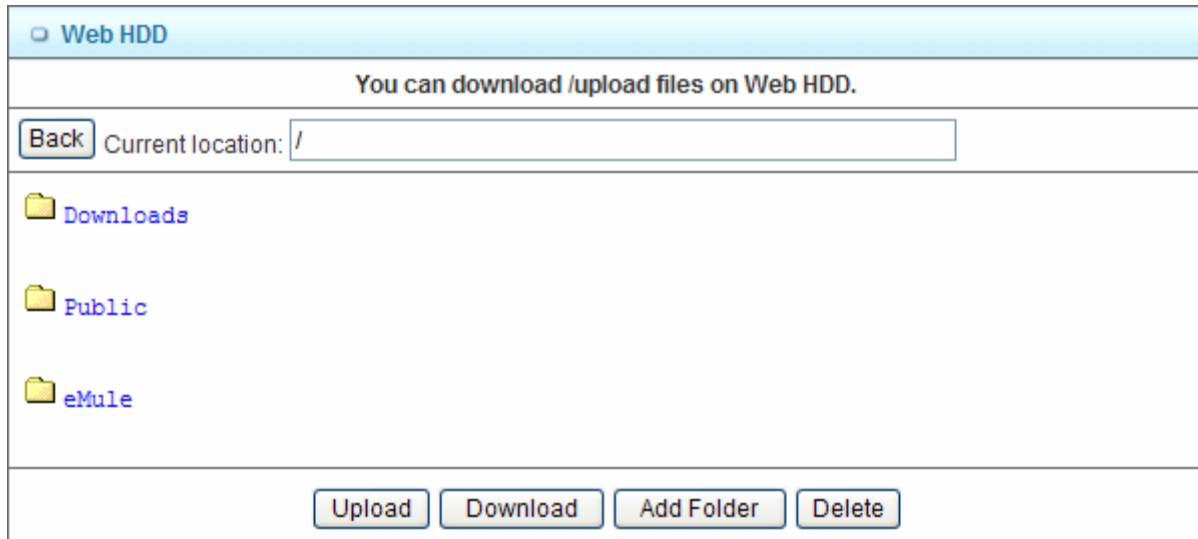
You could find a folder named "Storage". It is what you are looking for.





### By Web HDD

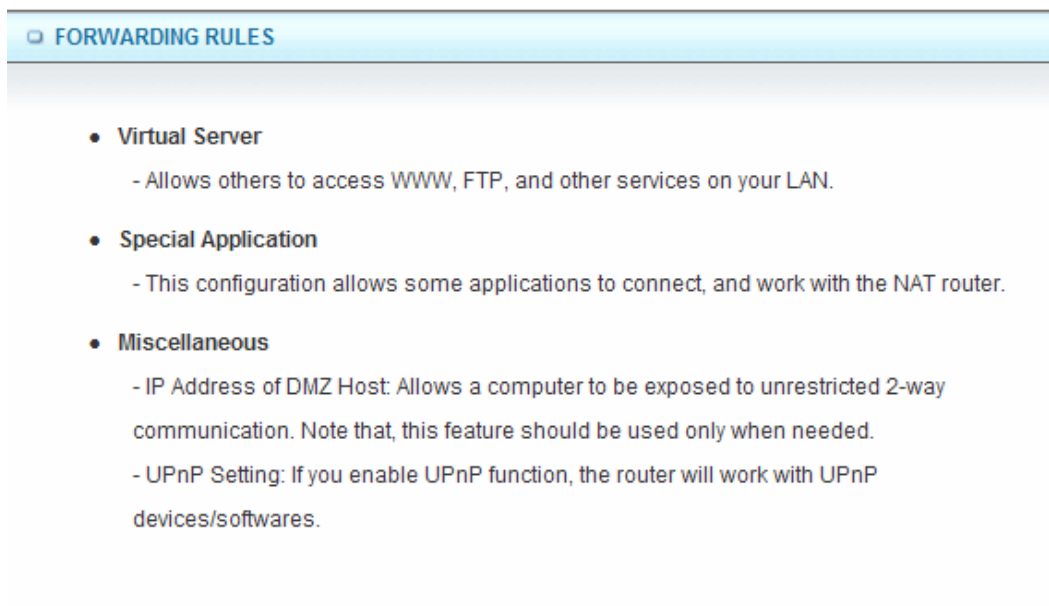
This Web HDD can allow you to enter HDD by web UI, and also can allow you to let 'guest' to enter the 'public' area only.



### Unix User

We do not provide NFS support, so the only way for UNIX to get files is FTP. Use your FTP client to connect the FTP server.

## 3.2 Forwarding Rules





## Virtual Server

This product's NAT firewall filters out unrecognized packets to protect your Intranet, so all hosts behind this product are invisible to the outside world. If you wish, you can make some of them accessible by enabling the Virtual Server Mapping.

A virtual server is defined as a Service Port, and all requests to this port will be redirected to the computer specified by the Server IP. Virtual Server can work with Scheduling Rules, and give user more flexibility on Access control. For the details, please refer to Scheduling Rule.

Virtual Server
[ HELP ]

Well known services -- select one --
Copy to
ID
--
v

ID	Service Ports	Server IP	Enable	Use Rule#
1	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	(0) Always <span style="font-size: small;">v</span>
2	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	(0) Always <span style="font-size: small;">v</span>
3	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	(0) Always <span style="font-size: small;">v</span>
4	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	(0) Always <span style="font-size: small;">v</span>
5	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	(0) Always <span style="font-size: small;">v</span>
6	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	(0) Always <span style="font-size: small;">v</span>
7	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	(0) Always <span style="font-size: small;">v</span>
8	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	(0) Always <span style="font-size: small;">v</span>
9	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	(0) Always <span style="font-size: small;">v</span>
10	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	(0) Always <span style="font-size: small;">v</span>

For example, if you have an FTP server (port 21) at 192.168.1.1, a Web server (port 80) at 192.168.1.2, and a VPN server at 192.168.1.6, then you need to specify the following virtual server mapping table:

Service Port	Server IP	Enable
21	192.168.1.1	V
80	192.168.1.2	V
1723	192.168.1.6	V

Afterwards, click on "Save" to store your settings or click "Undo" to give up the changes.



## Special AP

Some applications require multiple connections, like Internet games, Video conferencing, Internet telephony, etc. Because of the firewall function, these applications cannot work with a pure NAT router. The Special Applications feature allows some of these applications to work with this product. If the mechanism of Special Applications fails to make an application work, try setting your computer as the DMZ host instead.

Special Applications [ HELP ]			
Popular applications -- select one -- <input type="button" value="Copy to"/> ID -- <input type="button" value="v"/>			
ID	Trigger	Incoming Ports	Enable
1	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
2	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
3	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
4	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
5	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
6	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
7	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
8	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<input type="button" value="Save"/> <input type="button" value="Undo"/>			

This device provides some predefined settings. Select your application and click “Copy to” to add the predefined setting to your list.

Trigger: The outbound port number issued by the application.

Incoming Ports: When the trigger packet is detected, the inbound packets sent to the specified port numbers are allowed to pass through the firewall.

Afterwards, Click on “Save” to store your settings or click “Undo” to give up the changes.

## Miscellaneous

Miscellaneous Items [ HELP ]		
Item	Setting	Enable
▶ IP Address of DMZ Host	<input type="text"/>	<input type="checkbox"/>
▶ UPnP setting		<input checked="" type="checkbox"/>
<input type="button" value="Save"/> <input type="button" value="Undo"/>		



### IP Address of DMZ Host

DMZ (Demilitarized Zone) Host is a host without the protection of firewall. It allows a computer to be exposed to unrestricted 2-way communication for Internet games, Video conferencing, Internet telephony and other special applications.

### UPnP Setting

The device supports the UPnP function. If the OS of your client computer supports this function, and you enabled it, like Windows XP, you can see the following icon when the client computer gets IP from the device.

Afterwards, click on “Save” to store your settings or click “Undo” to give up the changes.

## 3.3 Security Setting

▣ SECURITY SETTING

- **Packet Filters**
  - Allows you to control access to a network by analyzing the incoming and outgoing packets and letting them pass or halting them based on the IP address of the source and destination.
- **Domain Filters**
  - Let you prevent users under this device from accessing specific URLs.
- **URL Blocking**
  - URL Blocking will block LAN computers to connect to pre-defined websites.
- **MAC Address Control**
  - MAC Address Control allows you to assign different access right for different users and to assign a specific IP address to a certain MAC address.
- **Miscellaneous**
  - Remote Administrator Host: In general, only Intranet user can browse the built-in web pages to perform administration task. This feature enables you to perform administration task from remote host.
  - Administrator Time-out: The amount of time of inactivity before the device will automatically close the Administrator session. Set this to zero to disable it.
  - Discard PING from WAN side: When this feature is enabled, hosts on the WAN cannot ping the Device.



Packet Filters

Packet Filter includes both outbound filter and inbound filter. And they have same way to setting. It enables you to control what packets are allowed to pass the router. Outbound filter applies on all outbound packets. However, inbound filter applies on packets that destined to Virtual Servers or DMZ host only. You can select one of the two filtering policies:

Allow all to pass except those match the specified rules.

Deny all to pass except those match the specified rules.

**Outbound Packet Filter** [HELP]

Item	Setting			
▶ Outbound Packet Filter	<input type="checkbox"/> Enable			
<input checked="" type="radio"/> Allow all to pass except those match the following rules. <input type="radio"/> Deny all to pass except those match the following rules.				
ID	Source IP	Destination IP : Ports	Enable	Use rule#
1	<input type="text"/>	<input type="text"/> : <input type="text"/>	<input type="checkbox"/>	(0) Always ▾
2	<input type="text"/>	<input type="text"/> : <input type="text"/>	<input type="checkbox"/>	(0) Always ▾
3	<input type="text"/>	<input type="text"/> : <input type="text"/>	<input type="checkbox"/>	(0) Always ▾
4	<input type="text"/>	<input type="text"/> : <input type="text"/>	<input type="checkbox"/>	(0) Always ▾
5	<input type="text"/>	<input type="text"/> : <input type="text"/>	<input type="checkbox"/>	(0) Always ▾
6	<input type="text"/>	<input type="text"/> : <input type="text"/>	<input type="checkbox"/>	(0) Always ▾
7	<input type="text"/>	<input type="text"/> : <input type="text"/>	<input type="checkbox"/>	(0) Always ▾
8	<input type="text"/>	<input type="text"/> : <input type="text"/>	<input type="checkbox"/>	(0) Always ▾

Save Undo Inbound Filter MAC Level

You can specify 8 rules for each direction: inbound or outbound. For each rule, you can define the following:

- Source IP address
- Source port
- Destination IP address
- Destination port
- Protocol: TCP or UDP or both.
- Use Rule#

For source or destination IP address, you can define a single IP address (4.3.2.1) or a range of IP addresses (4.3.2.1-4.3.2.254). An empty implies all IP addresses.

For source or destination port, you can define a single port (80) or a range of ports (1000-1999). Add prefix "T" or "U" to specify TCP or UDP protocol. For example, T80, U53,

U2000-2999, No prefix indicates both TCP and UDP are defined. An empty implies all port addresses. Packet Filter can work with Scheduling Rules, and give user more flexibility on Access control. For Detail, please refer to Scheduling Rule.

Each rule can be enabled or disabled individually.

Afterwards, click on "Save" to store your settings or click "Undo" to give up the changes.

### Domain Filters

Domain Filter <span style="float: right;">[ HELP ]</span>			
Item		Setting	
▶ Domain Filter		<input type="checkbox"/> Enable	
▶ Log DNS Query		<input type="checkbox"/> Enable	
▶ Privilege IP Addresses Range		From <input type="text"/> To <input type="text"/>	
ID	Domain Suffix	Action	Enable
1	<input type="text"/>	<input type="checkbox"/> Drop <input type="checkbox"/> Log	<input type="checkbox"/>
2	<input type="text"/>	<input type="checkbox"/> Drop <input type="checkbox"/> Log	<input type="checkbox"/>
3	<input type="text"/>	<input type="checkbox"/> Drop <input type="checkbox"/> Log	<input type="checkbox"/>
4	<input type="text"/>	<input type="checkbox"/> Drop <input type="checkbox"/> Log	<input type="checkbox"/>
5	<input type="text"/>	<input type="checkbox"/> Drop <input type="checkbox"/> Log	<input type="checkbox"/>
6	<input type="text"/>	<input type="checkbox"/> Drop <input type="checkbox"/> Log	<input type="checkbox"/>
7	<input type="text"/>	<input type="checkbox"/> Drop <input type="checkbox"/> Log	<input type="checkbox"/>
8	<input type="text"/>	<input type="checkbox"/> Drop <input type="checkbox"/> Log	<input type="checkbox"/>
9	<input type="text"/>	<input type="checkbox"/> Drop <input type="checkbox"/> Log	<input type="checkbox"/>
10	* (all others)	<input type="checkbox"/> Drop <input type="checkbox"/> Log	-
<input type="button" value="Save"/> <input type="button" value="Undo"/>			

Domain Filter prevents users under this device from accessing specific URLs.

Domain Filter: Check if you want to enable Domain Filter.

Log DNS Query: Check if you want to log the action when someone accesses the specific URLs.



Privilege IP Address Range: Setting a group of hosts and privilege these hosts to access network without restriction.

Domain Suffix: A suffix of URL can be restricted, for example, ".com", "xxx.com".

Action: When someone is accessing the URL met the domain-suffix, what kind of action you want.

Check "Drop" to block the access. Check "Log" to log these access.

Enable: Check to enable each rule.

Afterwards, click on "Save" to store your settings or click "Undo" to give up the changes.

URL Blocking

URL Blocking will block LAN computers to connect with pre-define Websites. The major difference between "Domain filter" and "URL Blocking" is Domain filter requires user to input suffix (like .com or .org, etc), while URL Blocking requires user to input a keyword only. In other words, Domain filter can block specific website, while URL Blocking can block hundreds of websites by simply a keyword.

URL Blocking [HELP]		
Item	Setting	
▶ URL Blocking	<input type="checkbox"/> Enable	
ID	URL	Enable
1	<input type="text"/>	<input type="checkbox"/>
2	<input type="text"/>	<input type="checkbox"/>
3	<input type="text"/>	<input type="checkbox"/>
4	<input type="text"/>	<input type="checkbox"/>
5	<input type="text"/>	<input type="checkbox"/>
6	<input type="text"/>	<input type="checkbox"/>
7	<input type="text"/>	<input type="checkbox"/>
8	<input type="text"/>	<input type="checkbox"/>
9	<input type="text"/>	<input type="checkbox"/>
10	<input type="text"/>	<input type="checkbox"/>
<input type="button" value="Save"/> <input type="button" value="Undo"/>		





URL Blocking: Check if you want to enable URL Blocking.

URL: If any part of the Website's URL matches the pre-defined word, the connection will be blocked.

For example, you can use pre-defined word "sex" to block all websites if their URLs contain pre-defined word "sex".

Enable: Check to enable each rule.

Afterwards, click on "Save" to store your settings or click "Undo" to give up the changes.

MAC Control

MAC Address Control allows you to assign different access right for different users and to assign a specific IP address to a certain MAC address.

MAC Address Control [ HELP ]				
Item	Setting			
▶ MAC Address Control	<input type="checkbox"/> Enable			
<input type="checkbox"/> Connection control	Wireless and wired clients with C checked can connect to this device; and allow <input type="button" value="v"/> unspecified MAC addresses to connect.			
<input type="checkbox"/> Association control	Wireless clients with A checked can associate to the wireless LAN; and allow <input type="button" value="v"/> unspecified MAC addresses to associate.			
DHCP clients <input type="button" value="-- select one --"/> <input type="button" value="Copy to"/> ID <input type="button" value="--"/>				
ID	MAC Address	IP Address	C	A
1	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="button" value="&lt;&lt;Previous"/> <input type="button" value="Next&gt;&gt;"/> <input type="button" value="Save"/> <input type="button" value="Undo"/>				

MAC Address Control: Check "Enable" to enable the "MAC Address Control". All of the settings in this page will take effect only when "Enable" is checked.



Connection control: Check "Connection control" to enable the controlling of which wired and wireless clients can connect with this device. If a client is denied to connect with this device, it means the client can't access to the Internet either. Choose "allow" or "deny" to allow or deny the clients, whose MAC addresses are not in the "Control table" (please see below), to connect with this device.

Association control: Check "Association control" to enable the controlling of which wireless client can associate to the wireless LAN. If a client is denied to associate to the wireless LAN, it means the client can't send or receive any data via this device. Choose "allow" or "deny" to allow or deny the clients, whose MAC addresses are not in the "Control table", to associate to the wireless LAN.

Afterwards, click on "Save" to store your settings or click "Undo" to give up the changes.

#### Miscellaneous

Miscellaneous Items		[ HELP ]
Item	Setting	Enable
▶ Administrator Time-out	<input type="text" value="300"/> seconds (0 to disable)	
▶ Remote Administrator Host : Port	<input type="text"/> / <input type="text"/> : <input type="text"/>	<input type="checkbox"/>
▶ Discard PING from WAN side		<input type="checkbox"/>
▶ DoS Attack Detection		<input type="checkbox"/>

Administrator Time-out: The time of no activity to logout automatically, you may set it to zero to disable this feature.

#### Remote Administrator Host/Port

In general, only Internet user can browse the built-in web pages to perform administration task. This feature enables you to perform administration task from remote host. If this feature is enabled, only the specified IP address can perform remote administration. If the specified IP address is 0.0.0.0, any host can connect with this product to perform administration task. You can use subnet mask bits "/nn" notation to specified a group of trusted IP addresses for example, "10.1.2.0/24".

NOTE: When Remote Administration is enabled, the web server port will be shifted to 80. You can change web server port to other port, too.

Discard PING from WAN side: When this feature is enabled, any host on the WAN cannot ping this product.



DoS Attack Detection: When this feature is enabled, the router will detect and log the DoS attack coming from the Internet. Currently, the router can detect the following DoS attack: SYN Attack, WinNuke, Port Scan, Ping of Death, Land Attack etc. Afterwards, click on “Save” to store your settings or click “Undo” to give up the changes.

### 3.4 Advanced Setting

o ADVANCED SETTING

- **System Log**
  - Send system log to a dedicated host or email to specific receipts.
- **Dynamic DNS**
  - To host your server on a changing IP address, you have to use dynamic domain name service (DDNS).
- **QoS Rule**
  - Quality of Service can provide different priority to different users or data flows, or guarantee a certain level of performance.
- **SNMP**
  - Gives a user the capability to remotely manage a computer network by polling and setting terminal values and monitoring network events.
- **Routing**
  - If you have more than one routers and subnets, you may want to enable routing table to allow packets to find proper routing path and allow different subnets to communicate with each other.
- **System Time**
  - Allow you to set device time manually or consult network time from NTP server.
- **Schedule Rule**
  - Apply schedule rules to Packet Filters and Virtual Server.



## System Log

System Log		[ HELP ]
Item	Setting	Enable
▶ IP address for syslogd	<input type="text"/>	<input type="checkbox"/>
▶ Setting of Email alert		<input type="checkbox"/>
• SMTP Server : port	<input type="text"/> : <input type="text"/>	
• SMTP Username	<input type="text"/>	
• SMTP Password	<input type="text"/>	
• E-mail addresses	<input type="text"/>	
• E-mail subject	<input type="text"/>	
<input type="button" value="Save"/> <input type="button" value="Undo"/> <input type="button" value="View Log..."/> <input type="button" value="Email Log Now"/>		

This page supports two methods to export system logs to specific destination by means of syslog (UDP) and SMTP(TCP). The items you have to setup include:

**IP Address for Syslog:** Host IP of destination where syslog will be sent to. Check Enable to enable this function.

**Setting of Email alert:** Check if you want to enable Email alert (send syslog via email).

**SMTP Server: Port:** Input the SMTP server IP and port, which are connected with ':'. If you do not specify port number, the default value is 25.

For example, "mail.your\_url.com" or "192.168.1.100:26".

**SMTP Username:** Enter the Username offered by your ISP.

**SMTP Password:** Enter the User name offered by your ISP.

**E-mail Addresses:** The recipients are the ones who will receive these logs. You can assign more than 1 recipient, using ';' or ',' to separate these email addresses.

**E-mail Subject:** The subject of email alert is optional.

Afterwards, click on "Save" to store your settings or click "Undo" to give up the changes.

## Dynamic DNS

To host your server on a changing IP address, you have to use dynamic domain name service (DDNS). Therefore, anyone wishing to reach your host only needs to know the name of it.

Dynamic DNS will map the name of your host to your current IP address, which changes each time you connect your Internet service provider.



Before you enable Dynamic DNS, you need to register an account on one of these Dynamic DNS servers that we list in Provider field.

Dynamic DNS <span style="float: right;">[ HELP ]</span>	
Item	Setting
▶ DDNS	<input checked="" type="radio"/> Disable <input type="radio"/> Enable
▶ Provider	DynDNS.org(Dynamic) ▼
▶ Host Name	<input type="text"/>
▶ Username / E-mail	<input type="text"/>
▶ Password / Key	<input type="text"/>
<input type="button" value="Save"/> <input type="button" value="Undo"/>	

**DDNS:** Select enable if you would like to trigger this function.

**Provider:** The DDNS provider supports service for you to bind your IP(even private IP) with a certain Domain name. You could choose your favorite provider.

**Host Name:** Register a domain name to the DDNS provider. The fully domain name is concatenated with hostname(you specify) and a suffix(DDNS provider specifies).

**Username/E-mail:** Input username or E-mail based on the DDNS provider you select.

**Password/Key:** Input password or key based on the DDNS provider you select.

Afterwards, click on “Save” to store your settings or click “Undo” to give up the changes.



QoS

QoS provide different priority to different users or data flows, or guarantee a certain level of performance.

QoS Rule					
Item		Setting			
▶ QoS Control		<input type="checkbox"/> Enable			
▶ Bandwidth of Upstream		<input type="text"/> kbps (Kilobits per second)			
ID	Local IP : Ports	Remote IP : Ports	QoS Priority	Enable	Use rule#
1	<input type="text"/> : <input type="text"/>	<input type="text"/> : <input type="text"/>	High <input type="button" value="v"/>	<input type="checkbox"/>	(0) Always <input type="button" value="v"/>
2	<input type="text"/> : <input type="text"/>	<input type="text"/> : <input type="text"/>	High <input type="button" value="v"/>	<input type="checkbox"/>	(0) Always <input type="button" value="v"/>
3	<input type="text"/> : <input type="text"/>	<input type="text"/> : <input type="text"/>	High <input type="button" value="v"/>	<input type="checkbox"/>	(0) Always <input type="button" value="v"/>
4	<input type="text"/> : <input type="text"/>	<input type="text"/> : <input type="text"/>	High <input type="button" value="v"/>	<input type="checkbox"/>	(0) Always <input type="button" value="v"/>
5	<input type="text"/> : <input type="text"/>	<input type="text"/> : <input type="text"/>	High <input type="button" value="v"/>	<input type="checkbox"/>	(0) Always <input type="button" value="v"/>
6	<input type="text"/> : <input type="text"/>	<input type="text"/> : <input type="text"/>	High <input type="button" value="v"/>	<input type="checkbox"/>	(0) Always <input type="button" value="v"/>
7	<input type="text"/> : <input type="text"/>	<input type="text"/> : <input type="text"/>	High <input type="button" value="v"/>	<input type="checkbox"/>	(0) Always <input type="button" value="v"/>
8	<input type="text"/> : <input type="text"/>	<input type="text"/> : <input type="text"/>	High <input type="button" value="v"/>	<input type="checkbox"/>	(0) Always <input type="button" value="v"/>
<input type="button" value="Save"/> <input type="button" value="Undo"/>					

QoS Control: Check Enable to enable this function.

Bandwidth of Upstream: Set the limitation of upstream bandwidth.

Local IP : Ports: Define the Local IP address and ports of packets.

Remote IP : Ports: Define the Remote IP address and ports of packets.

QoS Priority : This defines the priority level of the current Policy Configuration. Packets associated with this policy will be serviced based upon the priority level set. For critical applications High or Normal level is recommended. For non-critical applications select a Low level.

Enable: Check to enable the corresponding QOS rule.

User Rule#: The QoS rule can work with Scheduling Rule number#. Please refer to the Section 3.4.1.7 Schedule Rule.

Afterwards, Click on “Save” to store your settings or click “Undo” to give up the changes.

### SNMP

In brief, SNMP, the Simple Network Management Protocol, is a protocol designed to give a user the capability to remotely manage a computer network by polling and setting terminal values and monitoring network events.

SNMP Setting <span style="float: right;">[ HELP ]</span>	
Item	Setting
▶ Enable SNMP	<input type="checkbox"/> Local <input type="checkbox"/> Remote
▶ Get Community	<input type="text"/>
▶ Set Community	<input type="text"/>
▶ IP 1	<input type="text"/>
▶ IP 2	<input type="text"/>
▶ IP 3	<input type="text"/>
▶ IP 4	<input type="text"/>
▶ SNMP Version	<input checked="" type="radio"/> V1 <input type="radio"/> V2c
▶ WAN Access IP Address	<input type="text"/>
<input type="button" value="Save"/> <input type="button" value="Undo"/>	

**Enable SNMP:** You must check “Local”, “Remote” or both to enable SNMP function. If “Local” is checked, this device will respond request from LAN. If “Remote” is checked, this device will respond request from WAN.

**Get Community:** The community of GetRequest is that this device will respond.

**Set Community:** The community of SetRequest is that this device will accept.

**IP 1, IP 2, IP 3, IP 4:** Enter the IP addresses of your SNMP Management PCs. User has to configure where this device should send SNMP Trap message.

**SNMP Version:** Select proper SNMP Version that your SNMP Management software supports.

**WAN Access IP Address:** If you want to limit the remote SNMP access to specific computer, please enter the PC’s IP address. The default value is 0.0.0.0, and it means that any Internet connected computer can get some information of the device with SNMP protocol.

Afterwards, click on “Save” to store your settings or click “Undo” to give up the changes.



Routing

If you have more than one routers and subnets, you will need to enable routing table to allow packets to find proper routing path and allow different subnets to communicate with each other.

The routing table allows you to determine which physical interface addresses are utilized for outgoing IP data grams.

Routing Table [HELP]					
Item	Setting				
▶ Dynamic Routing	<input checked="" type="radio"/> Disable <input type="radio"/> RIPv1 <input type="radio"/> RIPv2				
▶ Static Routing	<input checked="" type="radio"/> Disable <input type="radio"/> Enable				
ID	Destination	Subnet Mask	Gateway	Hop	Enable
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
6	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
7	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
8	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

Dynamic Routing: Routing Information Protocol (RIP) will exchange information about destinations for computing routes throughout the network. Please select RIPv2 only if you have different subnets in your network. Otherwise, please select RIPv1 if you need this protocol.

Static Routing: For static routing, you can specify up to 8 routing rules. You can enter the destination IP address, subnet mask, gateway, and hop for each routing rule, and then enable or disable the rule by checking or un-checking the Enable checkbox.

Afterwards, click on "Save" to store your settings or click "Undo" to give up the changes.





## System Time

System Time [ HELP ]	
Item	Setting
▶ Time Zone	(GMT+08:00) Beijing, Chongqing, Hong Kong, Urumqi
▶ Auto-Synchronization	<input checked="" type="checkbox"/> Enable Time Server (RFC-868): Auto

Sync Result

**Time Zone:** Select a time zone where this device locates.

**Auto-Synchronization:** Check the “Enable” checkbox to enable this function. Besides, you can select a NTP time server to consult UTC time.

**Sync with Time Server:** Click on the button if you want to set Date and Time by NTP Protocol .

**Sync with my PC:** Click on the button if you want to set Date and Time using PC’s Date and Time.

Afterwards, click on “Save” to store your settings or click “Undo” to give up the changes.

## Scheduling

You can set the schedule time to decide which service will be turned on or off.



Schedule Rule [ HELP ]		
Item	Setting	
▶ Schedule	<input type="checkbox"/> Enable	
Rule#	Rule Name	Action
1		New Add
2		New Add
3		New Add
4		New Add
5		New Add
6		New Add
7		New Add
8		New Add
9		New Add
10		New Add

Schedule: Check to enable the schedule rule settings.

Add New Rule: To create a schedule rule, click the “New Add” button. You can edit the Name of Rule, Policy, and set the schedule time (Week day, Start Time, and End Time). The following example configures “wake-up time” everyday from 06:00 to 07:00.

Schedule Rule Setting [HELP]			
Item		Setting	
Name of Rule 1		<input type="text" value="wake-up time"/>	
Policy		Inactivate <input type="button" value="v"/> except the selected days and hours below.	
ID	Week Day	Start Time (hh:mm)	End Time (hh:mm)
1	<input type="button" value="v"/> Every Day	<input type="text" value="06:00"/>	<input type="text" value="07:00"/>
2	<input type="button" value="v"/> -- choose one --	<input type="text"/>	<input type="text"/>
3	<input type="button" value="v"/> -- choose one --	<input type="text"/>	<input type="text"/>
4	<input type="button" value="v"/> -- choose one --	<input type="text"/>	<input type="text"/>
5	<input type="button" value="v"/> -- choose one --	<input type="text"/>	<input type="text"/>
6	<input type="button" value="v"/> -- choose one --	<input type="text"/>	<input type="text"/>
7	<input type="button" value="v"/> -- choose one --	<input type="text"/>	<input type="text"/>
8	<input type="button" value="v"/> -- choose one --	<input type="text"/>	<input type="text"/>
<input type="button" value="Save"/> <input type="button" value="Undo"/> <input type="button" value="Back"/>			

Afterwards, click save” to store your settings or click “Undo” to give up the changes.

#### Tool Box

TOOLBOX
<ul style="list-style-type: none"> <li>• <b>View Log</b> - View the system logs.</li> <li>• <b>Firmware Upgrade</b> - Prompt the administrator for a file and upgrade it to this device.</li> <li>• <b>Backup Setting</b> - Save the settings of this device to a file.</li> <li>• <b>Reset to Default</b> - Reset the settings of this device to the default values.</li> <li>• <b>Reboot</b> - Reboot this device.</li> <li>• <b>Miscellaneous</b> - MAC Address for Wake-on-LAN: Let you to power up another network device remotely. - Domain Name or IP address for Ping Test: Allow you to configure an IP, and ping the device. You can ping a specific IP to test whether it is alive.</li> </ul>



System Info

System Information	
Item	Setting
▶ WAN Type	PPP over Ethernet
▶ Display time	Fri, 17 Dec 2010 11:00:51 +0800
System Log	
Time	Log
Dec 16 19:19:51	kernel: klogd started: BusyBox v1.3.2 (2010-10-14 14:23:46 CST)
Dec 16 19:19:51	kernel: Port 0, Neg Success
Dec 16 19:19:51	kernel: eth0: Phy Specific Status=0x00000050
Dec 16 19:19:51	kernel: 0xb01100C8==0x00003fff
Dec 16 19:19:51	kernel: Port 0, Neg Success
Dec 16 19:19:51	kernel: eth0: Phy Specific Status=0x00000050
Dec 16 19:19:51	kernel: Port 1, Neg Success
Dec 16 19:19:51	kernel: Port 2, Neg Success
Dec 16 19:19:51	kernel: Port 3, Neg Success
Dec 16 19:19:51	kernel: Port 4, Neg Success
Dec 16 19:19:51	kernel: eth1: Phy Specific Status=0x00000010
Dec 16 19:19:51	kernel: eth1: Phy Specific Status=0x00000050
Dec 16 19:19:51	kernel: eth1: Phy Specific Status=0x00000010
Dec 16 19:19:51	kernel: eth1: Phy Specific Status=0x00000010
Dec 16 19:19:52	commander: =====First setting CSID_S_XDSL_BEGIN_ADSL
Page: 1/11 (Log Number:157)	
<input style="border: 1px solid #ccc;" type="button" value=" &lt;&lt;Previous "/> <input style="border: 1px solid #ccc;" type="button" value=" Next&gt;&gt; "/> <input style="border: 1px solid #ccc;" type="button" value=" First Page "/> <input style="border: 1px solid #ccc;" type="button" value=" Last Page "/>	
<input style="border: 1px solid #ccc;" type="button" value=" Refresh "/> <input style="border: 1px solid #ccc;" type="button" value=" Download "/> <input style="border: 1px solid #ccc;" type="button" value=" Clear logs "/>	

You can view the System Information and System log, and download/clear the System log, in this page.

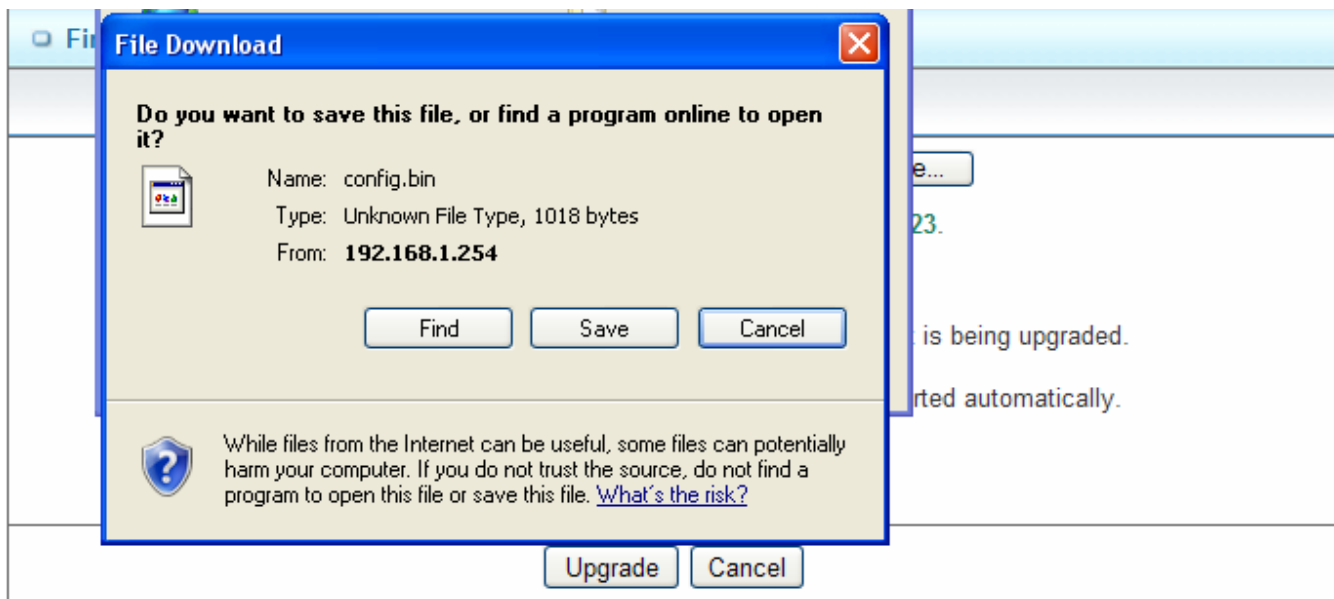


### Firmware Upgrade

You can upgrade firmware by clicking “Upgrade” button.

The screenshot shows a web interface for a firmware upgrade. At the top, there is a tab labeled "Firmware Upgrade". Below it, the section is titled "Firmware Filename". There is a text input field followed by a "Browse..." button. Below the input field, it states "Current firmware version is R0.03a0." A note follows: "Note! Do not interrupt the process or power off the unit when it is being upgraded. When the process is done successfully, the unit will be restarted automatically." There is a checkbox labeled "Accept unofficial firmware." which is currently unchecked. At the bottom of the form, there are two buttons: "Upgrade" and "Cancel".

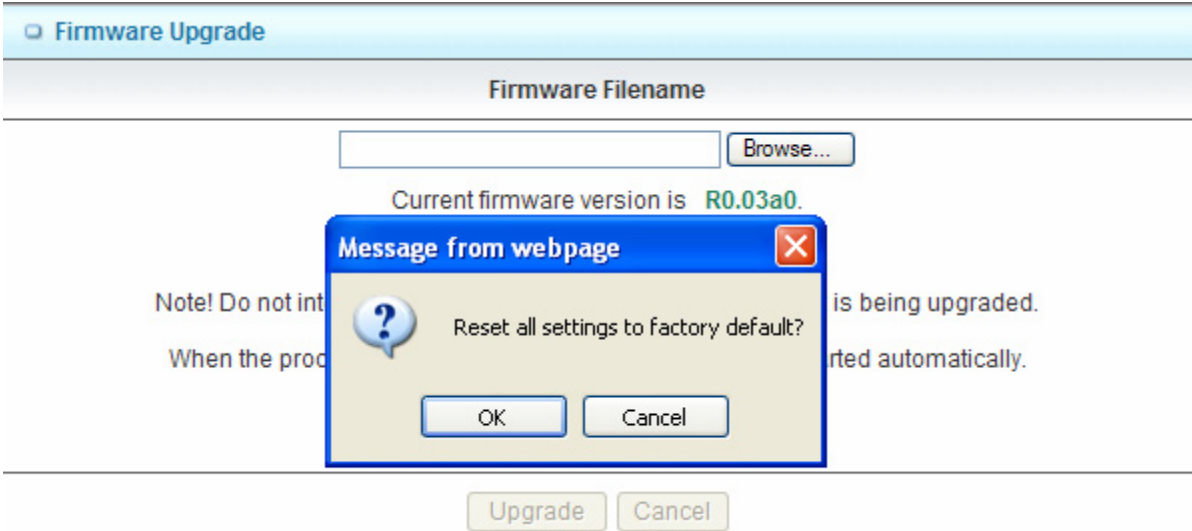
### Backup Setting



You can backup your settings by clicking the “Backup Setting” function item and save it as a bin file. Once you want to restore these settings, please click Firmware Upgrade button and use the bin file you saved.

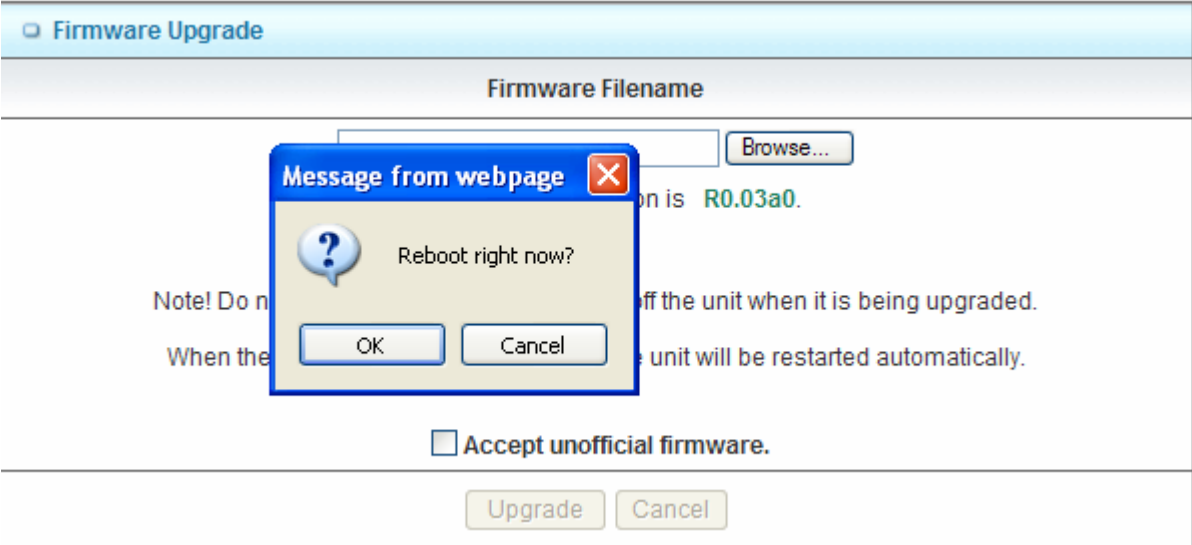


Reset to Default



You can also reset this device to factory default settings by clicking the Reset to default function item.

Reboot



You can also reboot this device by clicking the Reboot function item.



## Miscellaneous

Miscellaneous Items [HELP]	
Item	Setting
▶ MAC Address for Wake-on-LAN	<input type="text"/> <input type="button" value="Wake up"/>
▶ Domain Name or IP address for Ping Test	<input type="text"/> <input type="button" value="Ping"/>
<input type="button" value="Save"/> <input type="button" value="Undo"/>	

**MAC Address for Wake-on-LAN:** It enables you to power up a networked device remotely. If you would like to trigger this function, you have to know the MAC address of this device.

For instance if the MAC address is 00-11-22-33-44-55, enter it into the blank of MAC Address for Wake-on-LAN. Afterwards, click "Wake up" button which makes the router to send the wake-up frame to the target device immediately.

**Domain Name or IP address for Ping Test:** Allow you to configure an IP, and ping the device. You can ping a specific IP to test whether it is alive.

Afterwards, click on "Save" to store your settings or click "Undo" to give up the changes.

# 4

## Troubleshooting

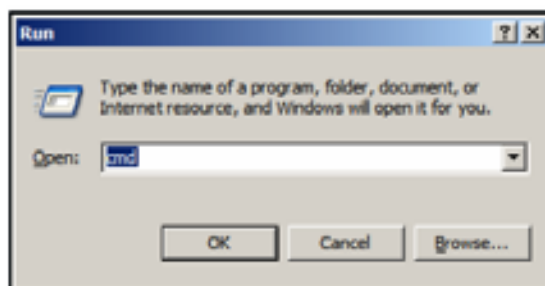
This Chapter provides solutions to problems for the installation and operation of the WiFi Broadband Router. You can refer to the following if you are having problems.

### Why can't I configure the router even the cable is plugged and the LED is lit?

Do a Ping test to make sure that the WiFi Broadband Router is responding.

**Note:** It is recommended that you use an Ethernet connection to configure it

Go to Start > Run.  
Type cmd.



Press OK.

Type ipconfig to get the IP of default gateway.

Type "ping 192.168.1.254". Assure that you ping the correct IP Address assigned to the WiFi Broadband Router. It will show four replies if you ping correctly.

```
C:\>ping 192.168.1.254

Pinging 192.168.1.254 with 32 bytes of data:

Reply from 192.168.1.254: bytes=32 time<1ms TTL=64
Reply from 192.168.1.254: bytes=32 time<1ms TTL=64
Reply from 192.168.1.254: bytes=32 time<1ms TTL=64
Reply from 192.168.1.254: bytes=32 time<1ms TTL=64
```

Ensure that your Ethernet Adapter is working, and that all network drivers are installed properly. Network adapter names will vary depending on your specific adapter. The installation steps listed below are applicable for all network adapters.



Go to Start > Right click on "My Computer" > Properties.  
Select the Hardware Tab.  
Click Device Manager.  
Double-click on "Network Adapters".  
Right-click on Wireless Card bus Adapter or your specific network adapter.  
Select Properties to ensure that all drivers are installed properly.  
Look under Device Status to see if the device is working properly.  
Click "OK".

#### What can I do if my Ethernet connection does not work properly?

Make sure the RJ45 cable connects with the router.  
Ensure that the setting on your Network Interface Card adapter is "Enabled".  
If settings are correct, ensure that you are not using a crossover Ethernet cable, not all Network Interface Cards are MDI/MDIX compatible, and use a patch cable is recommended.  
If the connection still doesn't work properly, then you can reset it to default.

#### Something wrong with the wireless connection?

##### Can't setup a wireless connection?

Ensure that the SSID and the encryption settings are exactly the same to the Clients.  
Move the WiFi Broadband Router and the wireless client into the same room, and then test the wireless connection.  
Disable all security settings such as WEP, and MAC Address Control.  
Turn off the WiFi Broadband Router and the client, then restart it and then turn on the client again.  
Ensure that the LEDs are indicating normally. If not, make sure that the power and Ethernet cables are firmly connected.  
Ensure that the IP Address, subnet mask, gateway and DNS settings are correctly entered for the network.  
If you are using other wireless device, home security systems or ceiling fans, lights in your home, your wireless connection may degrade dramatically. Keep your product away from electrical devices that generate RF noise such as microwaves, monitors, electric motors...

#### What can I do if my wireless client can not access the Internet?

Out of range: Put the router closer to your client.  
Wrong SSID or Encryption Key: Check the SSID or Encryption setting.  
Connect with wrong AP: Ensure that the client is connected with the correct Access Point.  
Right-click on the Local Area Connection icon in the taskbar.  
Select View Available Wireless Networks in Wireless Configure. Ensure you have selected the correct available network.  
Reset the WiFi Broadband Router to default setting

### Why does my wireless connection keep dropping?

#### Antenna Orientation.

Try different antenna orientations for the WiFi Broadband Router.

Try to keep the antenna at least 6 inches away from the wall or other objects.

Try changing the channel on the WiFi Broadband Router, and your Access Point and Wireless adapter to a different channel to avoid interference.

Keep your product away from electrical devices that generate RF noise, like microwaves, monitors, electric motors, etc.

### What to do if I forgot my encryption key?

Go back to advanced setting to set up your Encryption key again.

Reset the WiFi Broadband Router to default setting

### How to reset to default?

Ensure the WiFi Broadband Router is powered on

Find the Reset button on the right side

Press the Reset button for 8 seconds and then release.

After the WiFi Broadband Router reboots, it has back to the factory default settings.

## Appendix A. Spec Summary Table

Device Interface		
Ethernet WAN	RJ-45 port, 10/100/1000Mbps, auto-MDI/MDIX	1
Ethernet LAN	RJ-45 port, 10/100/1000Mbps, auto-MDI/MDIX	4
USB Sharing	USB 2.0 for file sharing	●
Antenna	3.23 dBi detachable antenna	2
WPS / USB OFF Button	For WPS connection and USB storage remove button	1
Reset Button	Reset router setting to factory default	1
LED Indication	Power/Status / USB/ WAN / LAN1 ~ LAN4/ WiFi	●
Power Jack	DC 12V/1.5A switching power adapter	1

Wireless LAN (WiFi)		
Standard	IEEE 802.11b/g/n compliance	●
SSID	SSID broadcast or in stealth mode	●
Channel	Auto-selection, manually	●
Security	WEP, WPA, WPA-PSK, WPA2, WPA2-PSK	●
WPS	WPS (Wi-Fi Protected Setup)	●
WMM	WMM (Wi-Fi Multimedia)	●

Functionality		
Ethernet WAN	PPPoE, DHCP client, Static IP, PPTP, L2TP	●
WAN Connection	Auto-reconnect, dial-on-demand, manually	●
One-to-Many NAT	Virtual server, special application, DMZ	●
NAT Session	Support NAT session	20000
SPI Firewall	IP/Service filter, URL blocking, MAC control	●
DoS Protection	DoS (Deny of Service) detection and protection	●
Routing Protocol	Static route, dynamic route (RIP v1/v2)	●
Storage/File Sharing	FAT16/FAT32, EXT2, NTFS ( Read only) Samba server, FTP server	●



Media server	UPnP AV media server, iTunes server	●
Scheduling	FTP	
Download management	HTTP BitTorrent / emule	●
Management	SNMP, UPnP IGD, syslog, DDNS	●
Administration	Web-based UI, remote login, backup/restore setting	●

Environment & Certification		
Package Content	GW-300NAS, Power adapter, Quick Installation Guide, CD	●
Package Information	Device dimension (mm)	185x112x25
	Package dimension (246x210x62mm) SP/MP/ZP	●
	Package dimension (214x146x69mm) PP	○
	Package dimension (290x234x100mm) AP	○
Operation Temp.	Temp.: 0~40oC, Humidity 10%~90% non-condensing	●
Storage Temp.	Temp.: -10~70oC, Humidity: 0~95% non-condensing	●
Home Networking	DLNA compliance	●
EMI Certification	CE/FCC compliance	●
RoHS	RoHS compliance	●

## Appendix B. Licensing information

This product includes copyrighted third-party software licensed under the terms of the GNU General Public License. Please refer to the GNU General Public License below to check the detailed terms of this license.

The following parts of this product are subject to the GNU GPL, and those software packages are copyright by their respective authors.

Linux Kernel	GPLv2   Linux-2.6.21
Busybox	GPLv2   busybox_1.3.2
bridge-utils	GPLv2   bridge-utils 1.1
udhcp server	GPLv2   udhcp-0.9.9
udhcp client	
fdisk	GPLv2   util-linux 2.12q
mke2fs, e2fsck	GPLv2   e2fsprogs v1.40.2
samba	GNUv2   samba 3.0.20
wireless tools	GPLv2   wireless tools
vsftpd	GPLv2   vsftpd-2.0.3
Transmission	MIT   Transmission-1.74
mt-daapd	GNUv2   mt-daapd-0.2.4
dnrdr	GNUv2   DNRD-2.17
libcurl	cURL-7.19.6
OpenSSL	BSD   openssl-1.0.0b3
ntfs-3g	GNUv2   ntfs-3g-2009.4.4
Zebra	GNUv2   zebra-0.95a
Snmpd	CMU   snmp-4.1.2
Pptp	GNUv2   pptp-1.7.1
Pppoe	GPLv2   pppoe-3.8
Pppd	BSD   ppp-2.4
I2tpd	GPLv2   I2tp-0.4
iptables	GNUv2   iptables-1.4.2
tc	GNUv2   iproute2-2.6.11

Availability of source code

Please visit our web site or contact us to obtain more information.



## **GNU GENERAL PUBLIC LICENSE**

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.  
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

## **GNU GENERAL PUBLIC LICENSE**

### **TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION**

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:  
You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.



You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or, Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or, Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)



The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.
5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.
6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.
7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.



If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.



## **NO WARRANTY**

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

## **FCC statement in User's Manual (for class B)**

### **"Federal Communications Commission (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 Caution:

1. The 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.
  
2. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.
  
3. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

### **IMPORTANT NOTE:**

#### **FCC Radiation Exposure Statement:**

**This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.**

## 低功率電波輻射性電機管理辦法

### 第十二條

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。

註 1：廠商在出廠時，會利用軟體鎖定頻道，讓終端使用者無法任意選擇頻道。

註 2：此產品頻道選擇，只提供Auto、1、2...11等11個頻道。