

# 3G Wi-Fi Router

## User's Guide

V1.0



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V1.0	初始版本	尹天林	2012/10/29
V1.1	页面调整	尹天林	2012/12/12

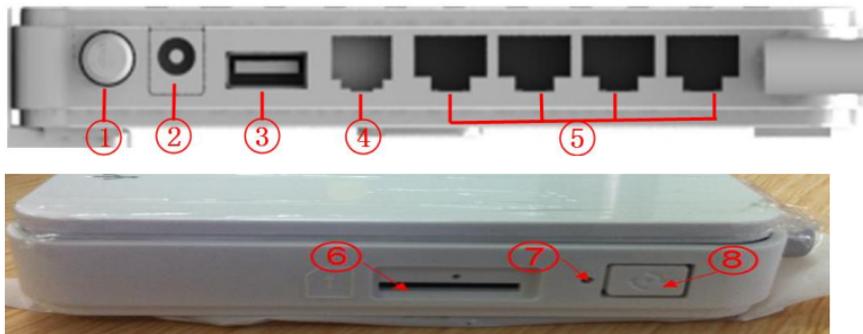
## 1 Introduction

### 1.1 Features

No.	Items	Specification
1	ID	
2	Standard	Wi-Fi: IEEE 802.11b/g/n Ethernet: IEEE 802.3u
3	Data Rate (HSPA)	<ul style="list-style-type: none"> <li>• HSUPA uplink up to 5.76Mbps</li> <li>• HSDPA downlink up to 7.2 Mbps</li> <li>• WCDMA (UMTS) uplink data rate up to 384 kbps</li> <li>• EDGE data up to 237 Kbps DL and 118Kbps UL,</li> <li>• 3GPP Release 4, class 12</li> <li>• GPRS data up to 85.6 Kbps DL and 42.8 Kbps UL</li> <li>• Circuit switched data: 14.4 and 9.6 Kbps</li> </ul>
4	Data Rate (HSPA+)	HSPA+ DL 21.6Mbps UL 5.76 Mbps HSPA+ DL14.4 Mbps UL 5.76Mbps HSPA DL 7.2Mbps UL 5.76 Mbps UMTS DL/UL 384 kbps GPRS DL 85.6 kbps / UL 42.8 kbps EDGE 3GPP R4, Category 12, DL 237k bps / UL 118K bps
5	Antenna	1 external antenna for 3G 2 internal antennas for Wi-Fi

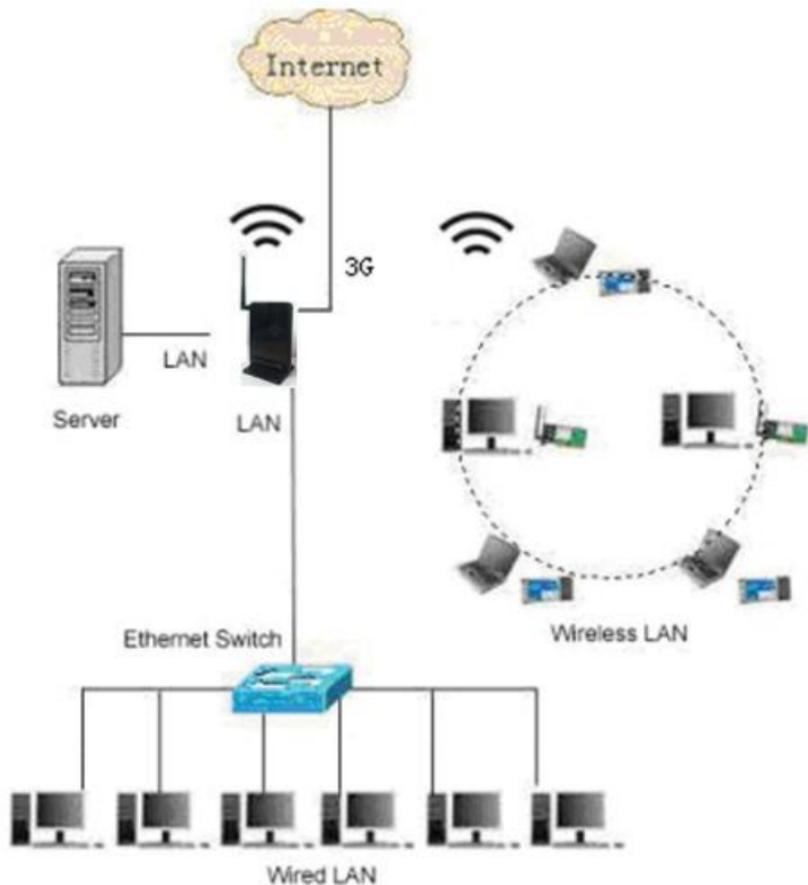
6	Antenna gain	3dBi
7	Port	1 RJ11 ports, 4 LAN ports, 1 Power, 1 Power Switch, 1 Antenna, 1 USB, 1 S(U) IM card slot
8	Band	Should support Quad-band for 2G (850, 900, 1800, 1900 MHz) & tri band for 3G (850, 900, 1900, 2100 MHz) optional WiFi: 2.4-2.4835GHz
9	RF Power	2G: 33 dBm (Maximum) 3G: 23 dBm (Maximum) WiFi: 23 dBm (Maximum)
10	Receiver Sensitivity (3G)	less than -106.7 dBm
11	Power	Power Adapter connection (DC12V/1A)
12	Size	142*98*20 (mm)
13	Environment	i) Work temperature : -0°C to +40°C ii) Storage temperature : -20°C to +70°C iii) Relative Humidity : -10% to 90%

## 1.2 Interface description



- 1、 Power switch
- 2、 Power jack
- 3、 USB port
- 4、 RJ11 port
- 5、 RJ-45 ports for 10/100 Base-T Ethernet LAN
- 6、 S(U)IM card slot
- 7、 Reset button
- 8、 WPS button

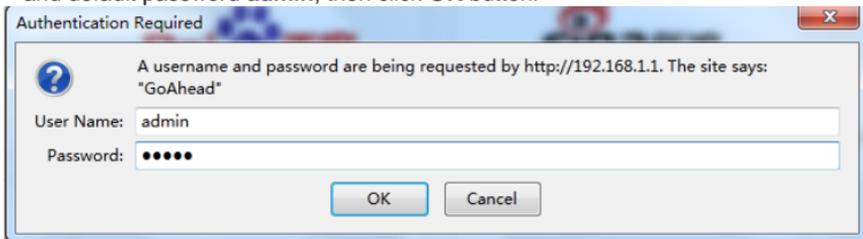
## 1.3 Hardware connection guide



## 2 Web management interface

### 2.1 Login Router

1. Connect LAN adapter on your PC with one of LAN port of this wireless router, then power on it. PC will get an IP address.
2. Run web browser on your PC(e.g.IE), type <http://192.168.1.1> in the address field, then press Enter, shown as follow figure, Input default User name **admin** and default password **admin**, then click **OK** button.



3. Then the following interface appears.

**3G Connection World**

Quick Setup  
Router Setting  
Internet Setting  
LAN Settings  
Firewall  
Application  
Administration  
Save/Reboot  
Login out

**Router Information**

- System Name: 3G Wireless Router
- Firmware Version: WG205\_bb36\_b464
- Build Time: Dec 11 2012 21:07:00
- HW Version: V2.0
- System Up Time: 42 mins, 48 secs
- Module Version: WU600-T&W-AC-R1
- System Status: Connect network success

**LAN Port**

- MAC Address: 00:18:05:00:C5:E9
- IP Address: 10.10.10.254
- IP Subnet Mask: 255.0.0.0
- DHCP: Enabled

**WAN Port**

- Connection Type: 3G
- MAC Address: /
- IP Address: 10.30.218.227
- Subnet Mask: 255.255.255.255
- Default Gateway: 10.64.64.64
- DNS Primary IP: 210.22.70.3
- DNS Secondary IP: 211.95.1.97

**Wireless Port**

- MAC Address: 00:18:05:00:C5:E9
- SSID: WLAN\_C5E9
- Wifi Frequency: Auto
- Mode: 11b/g/n mixed
- Wireless AP: ON
- SSID Broadcast: Enable

## 3 Quick Setup

**Welcome to the Quick Setup Wizard**

- The wizard will show you how to safely set up your router. Click "Next" to continue, click "Previous" and "Next" to navigate throughout the wizard, click "Cancel" to exit the wizard, and click "Finish" to save the settings.

Notes:  
Basic parameters can be set in the wizard.

**Step 1 of 5**

---

**Configure WAN Settings**

Net Mode:

**3G Mode**

APN:

PDP Context:

Dial Number:

User Name:

Password:

Authentication:

Operation Mode:

Redial Period:  seconds

**Step 2 of 5**

---

**Configure WiFi Settings**

WiFi Enable:

Name (SSID):

Mode:

**Step 3 of 5**

---

**Configure WiFi Security**

Security Mode:

**WPA**

WPA Algorithms:  TKIP  AES  TKIPAES

Pass Phrase:

Key Renewal Interval:  Seconds (0 ~ 4194303)

**Step 4 of 5**

---

**Configuration as Follows**

```

ConnectionType :    3G
Net Mode :         3G
APN :             3GNET
Dial Number :     *99#
Username :        MOVISTAR
Authentication :   AUTO
Operation Mode :   Manual
WiFi :            Enable
Name(SSID) :      WLAN_C651
Wireless Mode :   802.11b/g/n mixed
Security Mode :    Disable
          
```

**Step 5 of 5**

## 4 Router Setting

### 4.1 Port Status

It will show some information to you.

Router Information		WAN Port	
System Name	3G Wireless Router	Connection Type	3G
Firmware Version	WG205_bb36_b464	MAC Address	/
Build Time	Dec 11 2012 21:07:00	IP Address	10.33.237.128
H/W Version	V2.0	Subnet Mask	255.255.255.255
System Up Time	35 mins, 4 secs	Default Gateway	10.64.64.64
Module Version	WU600-T&W-AC-R1	DNS Primary IP	210.22.70.3
System Status		DNS Secondary IP	211.95.1.97

LAN Port		Wireless Port	
MAC Address	00:18:05:00:C5:E9	MAC Address	00:18:05:00:C5:E9
IP Address	10.10.10.254	SSID	WLAN_C5E9
IP Subnet Mask	255.0.0.0	Wifi Frequency	Auto
DHCP	Enabled	Mode	11b/g/n mixed
		Wireless AP	ON
		SSID Broadcast	Enable

### 4.2 3G Information

It will show some information about the network.

Network information	
Current APN:	3GNET
SIM Status:	READY
Network Mode:	WCDMA ONLY
Current Frequency:	896.1256.131072
2G Signal:	-79dBm
RSSI:	-79dBm
Registered Network:	UMTS
IMEI:	352767041321280
IMSI:	460012325023690

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### 4.3 statistics

It shows the statistics data.

Statistics

**Memory**  
 Memory Total: 28404 kB  
 Memory Left: 7112 kB

\	WAN(3G)	LAN	br0	ra0
Rx Packets	29	1611	1610	84626
Rx Bytes	2516	182221	182175	17583232
Rx Error	0	0	0	0
Rx Dropped	0	0	0	0
Tx Packets	29	1939	1935	6664
Tx Bytes	1454	875832	871302	291034
Tx Error	0	0	0	0
Tx Dropped	0	0	0	0

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**Memory:** The display the router memory total size and the remaining size.

**WAN/LAN:** Show WAN/LAN transceiver packet situation.

**RAO:** Show Wireless transceiver packet situation.

## 4.4 ACS Client

It shows the information of the ACS Client.

WAN Management Protocol (TR-069) allows a Auto-Configuration Server (ACS) to perform auto-configuration, provision, collection, and diagnostics to this device.

Select the desired values and click "Apply/Save" to configure the TR-069 client options.

Automatic Configuration Server

Inform Enable ▾

Inform Interval:

ACS URL:

ACS User Name:

ACS Password:

WAN Interface Used By TR-069 Client:

Connection Request Authentication Disable ▾

Connection Request User Name:

Connection Request Password:

Connection Request URL:

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**Inform:** Set the status of the inform function.

**Inform Interval:** Set the inform interval time.

**ACS URL:** Set the URL of the ACS server.

## 4.5 DHCP Client

This page shows DHCP client information such as host name, MAC address, IP address and lease time.

DHCP Client			
Hostname	MAC Address	IP Address	Expires in
testpc1	60:D8:19:D2:2F:7C	192.168.1.100	1 days 00:00:00

Arp Log		
NO.	IP Address	Mac Address
1	10.10.10.3	04:7D:7B:18:23:57

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## 5 Internet Settings

### 5.1 WAN Setup

#### 5.1.1 3G Mode

According to your network environment to choose the different connection mode and configure the APN parameters.

When you click on the “Apply” button, system will be reconfigured.

If you want to disconnect the 3G net, click on the “disconnect” button.

WAN Connection Setup	
ConnectionType	3G
Net Mode	3G
Connection Status	connected
WAN MAC Address	/
<b>3G Mode</b>	
APN	3GNET
PDP Context	1P
Dial Number	*99#
User Name	usercard
Password	usercard
Authentication	AUTO
Operation Mode	Keep Alive
Renial Period	300 seconds
<input type="button" value="Connect"/> <input type="button" value="Disconnect"/>	
<input type="button" value="Apply"/>	

**Net Mode:** Choose 3G or 2G mode. It will try to use 3G mode at first when you choose auto.

**APN:** APN (Access Point Name) is a configurable network identifier.

**PDP Context:** A Packet Data Protocol (PDP) context.

**Dial Number:** It is the dial number which will be used when you create a Dial-Up connection with 3G.

**Username:** It is the user name which will be used when you create a Dial-Up connection with 3G.

**Password:** It is the password which will be used when you create a Dial-Up connection with 3G.

**Authentication:** You can choose Password Authentication Protocol (PAP) or Challenge Handshake Authentication Protocol (CHAP) to pass the Authentication.

**Operation Mode:**

**Auto:** The 3G Modem automatically dials to access internet when it is switched on.

**Manual:** The 3G Modem dials to connect internet by clicking “connect” the connection page of the management console.

**On Demand:** The 3G Modem automatically dials to connect internet when you attempt to send data through internet.

**Apply & Disconnect:** connect or disconnect the 3G dial.

## 5.1.2 PPPOE Mode

Choose PPPoE (Point to Point Protocol over Ethernet) if your ISP uses a PPPoE connection. Your ISP will provide you with a username and password. This option is typically used for DSL services. Make sure to remove your PPPoE software from your computer. The software is no longer needed and will not work through a router.

The screenshot shows the 'WAN Connection Setup' window with 'PPPOE (ADSL)' selected. The 'PPPoE Mode' section is highlighted in light blue. It contains the following fields and controls:

- ConnectionType:** PPPOE (ADSL) (dropdown menu)
- User Name:** username (text input)
- Password:** \*\*\*\*\* (password input)
- Verify Password:** \*\*\*\*\* (password input)
- Operation Mode:** Keep Alive (dropdown menu)
- Keep Alive Redial Period:** 60 Seconds (text input)
- Buttons:** 'Connect' and 'Apply' buttons.

[CLICK HELP GET MORE](#)

**User Name:** Enter your PPPoE user name.

**Password:** Enter your PPPoE password and then retype the password in the next box.

**Operation Mode:**

**Auto:** The PPPOE Modem automatically dials to access internet when it is switched on.

**Manual:** The PPPOE Modem dials to connect internet by clicking “connect” the connection page of the management console.

**On Demand:** The PPPOE Modem automatically dials to connect internet when you attempt to send data through internet.

**Apply & Disconnect:** connect the PPPOE dial.

## 5.2 Static Routing

It shows some information of the static routing.

Static Routing

**Current Routing Table:**

No.	Dest IP	Netmask	Gateway	Interface	Comment	Selected
1	10.64.64.64	255.255.255.255	0.0.0.0	WAN		
2	10.0.0.0	255.0.0.0	0.0.0.0	LAN		
3	0.0.0.0	0.0.0.0	10.64.64.64	WAN		

**Add Routing Rule**

Dest IP:

Host/Net:

Netmask:

Gateway:

Comment:

Maximum number of characters is 32.

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**Dest IP:** Enter the IP address of the packets that will take this route

**Host/Net:** Single IP address or an entire network segment

**Netmask:** Enter the subnet mask to specify the subnet of the IP packets that will take this route.

**Gateway:** Enter the next hop that will be taken if this route is used.

**Comment:** Remark your defined rule.

## 6 Wireless Setting

### 6.1 LAN IP Setup

You can configure the LAN port parameters here.

LAN IP Setup

**LAN IP Setup**

IP Address: 192.168.1.1  
 IP Subnet Mask: 255.255.255.0

LAN2

LAN2 IP Address: 192.168.1.11  
 LAN2 Subnet Mask: 255.255.255.0

**System Status**

Enable DHCP Server

Starting IP Address: 192.168.1.100  
 Ending IP Address: 192.168.1.200  
 Subnet Mask: 255.255.255.0  
 Default Gateway: 192.168.1.1  
 DefaultDNS Primary IP: 192.168.1.1  
 DNS Secondary IP: 8.8.8.8  
 DHCP Lease Time: 30480 second

Statically Assigned 1: MAC: \_\_\_\_\_ IP: \_\_\_\_\_  
 Statically Assigned 2: MAC: \_\_\_\_\_ IP: \_\_\_\_\_  
 Statically Assigned 3: MAC: \_\_\_\_\_ IP: \_\_\_\_\_

**Advance**

UPnP: Disable  
 DNS Proxy: Enable

Apply

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**IP Address:** Set LAN IP address of the router.

**IP Subnet Mask:** Set subnet mask of the router.

**LAN 2:** Add the LAN IP address, so that LAN users can connect to the router through the LAN network.

**Starting IP Address & Ending IP Address:** The IP range obtained through DHCP by LAN host.

**Subnet Mask:** The subnet mask obtained through DHCP by LAN host

**Default Gateway:** Gateway obtained through DHCP by LAN host.

**DefaultDNS Primary IP:** DNS server obtained through DHCP by LAN host (If enabled DNS Proxy, you had better fill the LAN IP address, so that when the router DNS change, don't reset this).

**DNS Secondary IP:** If you can't connect the DefaultDNS Primary IP address, router will try to connect this IP address.

**UPnP:** To use the Universal Plug and Play (UPnP™) feature click on Enabled. UPnP provides compatibility with networking equipment, software and peripherals.

**DNS proxy:** Choose enable if you want to get DNS service.

## 6.2 Basic

It shows some information of the wireless connection.

You could configure the minimum number of Wireless settings for communication, such as Network Name (SSID) and Channel. The Access Point can be set simply with only the minimum setting items.

○ Wireless Network

Radio On/Off	<input type="button" value="RADIO OFF"/>	
Network Mode	11b/g/n mixed mode ▾	
Network Name(SSID)	WLAN_C5E9	Hidden <input type="checkbox"/> Isolated <input type="checkbox"/>
Multiple SSID1		Hidden <input type="checkbox"/> Isolated <input type="checkbox"/>
Multiple SSID2		Hidden <input type="checkbox"/> Isolated <input type="checkbox"/>
Multiple SSID3		Hidden <input type="checkbox"/> Isolated <input type="checkbox"/>
Broadcast Network Name (SSID)	<input checked="" type="radio"/> Enable <input type="radio"/> Disable	
AP Isolation	<input type="radio"/> Enable <input checked="" type="radio"/> Disable	
MBSSID AP Isolation	<input checked="" type="radio"/> Enable <input type="radio"/> Disable	
BSSID	00:18:05:00:C5:E9	
Frequency (Channel)	AutoSelect ▾	
Maximum number (0-32)	0	To limit the maximum number of associated clients ( 0 : no limit )

○ HT Physical Mode

Channel BandWidth	<input checked="" type="radio"/> 20 <input type="radio"/> 20/40	
Guard Interval	<input type="radio"/> Long <input checked="" type="radio"/> Auto	
MCS	Auto ▾	

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**WIFI On/Off:** Open or close the router wireless function.

**Network Name (SSID):** Set the SSID. You can connect the router by this SSID. It can be hidden or isolated. If select Hide function, the router's SSID cannot be scanned; Select Isolated function, it can prevent wireless communications.

**Multiple SSID1 ~ Multiple SSID4:** Set the 2nd to the 5<sup>th</sup> SSID. They are similar to the SSID.

**Broadcast Network Name (SSID):** Disable this function, wireless client will not scan to the router's SSID.

**AP Isolation:** Enable this function, the client within the AP cannot access each other, to prevent spread of the virus.

**MBSSID AP Isolation:** Enable this function, the client outside the AP cannot access client within the AP.

**BSSID:** Basic Service Set Identifier.

**Frequency (Channel):** The channel currently used. You can select channel from 1 to 14. The router will choose the frequency by itself if you select the "AutoSelect".

**Maximum number(0-32):** It is the maximum number of hosts can connect the router. If you enter 0, it will be no upper limit.

**Channel Band Width:** Select the channel bandwidth of the router.

**Guard Interval:** Check this box to reduce the guard interval time therefore increasing the data capacity. However, it's less reliable and may create higher data loss.

**MCS:** Modulation Coding Scheme

## 6.3 Security

The router's security mode supports (Disable, OPENWEP, SHAREDWEP,

WEPAUTO, WPA-PSK, WPA2-PSK, WPAPSKWPA2PSK).

The router can select different encryption authentication methods for different SSID, configured security policy "Allow" means to allow only the client of specific MAC address access; configured security policy "Reject" means to reject only the client of specific MAC address access; configured security policy "Disable" means to accept all the clients access.

Setup the wireless security and encryption to prevent from unauthorized access and monitoring.

Select SSID  
 SSID Choice: WLAN\_C5E9 ▾

"WLAN\_C5E9"  
 Security Mode: Disable ▾  
   Disable  
   OPENWEP  
   WPA-PSK  
   WPA2-PSK  
   WPAPSKWPA2PSK

Access Policy  
 Policy: Disable ▾  
 Add a station Mac:

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## 6.4 WPS

### Security Mode: Enable WPS (Wi-Fi Protected Setup)

You could setup security easily by choosing PIN or PBC method to do Wi-Fi Protected Setup.

WPS(Config)  

WPS:			Disable ▾
<input type="button" value="Apply"/>			

You could setup security easily by choosing PIN or PBC method to do Wi-Fi Protected Setup.

WPS(Config)  

WPS:			Enable ▾
<input type="button" value="Apply"/>			

WPS(Summary)  

WPS Current Status:	Idle
WPS Configured:	Yes
WPS SSID:	WLAN_C5E9
WPS Auth Mode:	Open
WPS Encryp Type:	None
WPS Default Key Index:	1
WPS Key(ASCII)	
AP PIN:	00506656 <input type="button" value="Generate"/>
<input type="button" value="Reset QoS"/>	

WPS(Progress)  

WPS mode		* PIN <input type="radio"/> PBC <input type="radio"/>
PIN		
<input type="button" value="Apply"/>		

WPS(Status)  

WPS: 161e	
x	
<input type="button" value="Cancel"/>	

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**PIN:** Select this option to use the PIN method. In order to use this method you must know the wireless client's 8 digit PIN and click Connect.

**PBC:** Select this option to use the PBC (Push Button) method to add a wireless client. Click Connect.

## 7 Firewall

### 7.1 Port Forwarding

Port Forwarding
Virtual Server

**Current Port Forwarding:**

No.	IP Address	Port Range	Protocol	Comment	Selected
<div style="display: flex; justify-content: center; gap: 10px;"> <span>Delete Selected</span> <span>Reset</span> </div>					

**Add Port Forwarding**

IP Address

Port Range

Protocol TCP&UDP

Comment  Maximum number of characters is 32

The maximum rule count is 32

Apply
Reset

[CLICK HELP GET MORE](#)

**IP Address:** Enter the IP address of the computer on your local network that you want to allow the incoming service to.

**Protocol:** Enter the TCP and/or UDP port or ports that you want to open. You can enter a single port or a range of ports. Separate ports with a common. Example: 24,1009,3000-4000

**Comment:** Enter a name for the rule or select an application from the drop-down menu. Select an application and click to populate the fields.

### 7.2 Virtual Server

Virtual host can be achieved through the public IP address to access web or FTP services, and the remote user automatically shifted to the local LAN server. You can define a virtual server service port, external network services all requests to this port will be redirected to the designated router LAN server (specified by IP address), so that users outside the network can successfully access the LAN server, without affecting the internal LAN network security.

Port Forwarding | **Virtual Server**

---

**Current Virtual Servers**

No.	IP Address	Public Port	Private Port	Protocol	Comment	Selected
<input type="button" value="Delete Selected"/> <input type="button" value="Reset"/>						

**Add Virtual Server**

IP Address

Public Port

Private Port

Protocol

Comment  Maximum number of characters is 32.

The maximum rule count is 32

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**IP Address:** Enter the IP address of the computer on your local network that you want to allow the incoming service to.

**Public Port/Private Port:** Enter the port that you want to open next to Private Port and Public Port. The private and public ports are usually the same. The public port is the port seen from the Internet side, and the private port is the port being used by the application on the computer within your local network.

**Protocol:** Select TCP, UDP, Both or Other from the drop-down menu.

**Comment:** Enter a name for the rule or select an application from the drop-down menu. Select an application and click to populate the fields

## 7.3 IP/MAC Filter

This function is used to configure disable or enable firewall function. Only when the firewall is enabled, access management filter settings IP filter, MAC filter and Port filter can take effect. Otherwise, those functions are disabled.

IP/MAC/Port Filter Setup

**Basic Settings**

MAC/IP/Port Filtering Disable ▾  
 Default Policy – The packet that don't match with any rules would be: Drop ▾

**Current MAC/IP/Port Filtering Rules**

No.	SourceMacAddress	DestIPAddress	SourceIPAddress	Protocol	DestPort Range	SourcePort Range	Action	Comment	PlsCnt	Selected
<input type="button" value="Delete Selected"/> <input type="button" value="Reset"/>										

**Add IP/Port Filter**

Mac Address   
 Dest IP Address   
 Source IP Address   
 Protocol None ▾  
 DestPort Range  -   
 SourcePort Range  -   
 Action Drop ▾  
 Comment   
(The maximum rule count is 32)

Maximum number of characters is 32

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**Mac/IP/Port Filtering:** Select "Disable", this function does not take effect, select "Enable", the effect of this function.

**Default Policy:** The packet that doesn't match with any rules would be dropped or accepted.

**MAC Address:** Enter the MAC address to define the rules.

**Dest IP Address:** Enter the destination IP address filtering.

**Source IP Address:** Enter the local IP address filtering.

**Protocol:** Select the protocol of the controlled packet.

**Dest Port Range:** Enter the port range to drop or accept.

**Action:** Rule is defined to drop or accept, in contrast with default policy.

**Comment:** Remark your defined rule.

## 7.4 DMZ

Receive all the data from external network interface forwarded to “DMZ IP address”.

You may setup a De-militarized Zone(DMZ) to separate internal network and Internet.

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**Enable DMZ:** If an application has trouble working from behind the router, you can expose one computer to the Internet and run the application on that computer.

**Note:** Placing a computer in the DMZ may expose that computer to a variety of security risks. Use of this option is only recommended as a last resort.

**DMZ Address:** Specify the IP address of the computer on the LAN that you want to have unrestricted Internet communication.

## 7.5 system Security

You may configure the system firewall to protect API/Router itself from attacking.

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**Remote Management:** Enable this function, it will allow access Web management pages through the external network interface.

**PING from wan Filter:** Enable this function, it will allow PING router via external network interface.

**SPI Status:** Select “Enable”, to activate the SPI firewall.

## 7.6 URL filter

URL Filter

Current Website URL Filter:

No.	URL	Selected

Add URL Filter:

URL:

Current Website Host Filters:

No.	Host(Keyword)	Selected

Add Host(Keyword) Filters:

Keyword:

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**URL Filters:** Select Deny computers access to only these sites.

**Reset:** Click to delete all entries in the list.

**Keyword Filters:** Enter the keywords or URLs that you want to deny.

## 8 Application

### 8.1 USB Storage

User Admin **Disk** SAMBA Server

User Management:

No.	User Name	Allow Use SAMBA	Selected

Add/Edit User

User Name

Password

SAMBA Server  Enable  Disable

The maximum user count is 10

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**User Name/Password:** Add a user to use the SAMBA server.

**FTP Server:** Enable/Disable the FTP Server competence.

**SAMBA Server:** Enable/Disable the SAMBA Server competence.

User Admin | Disk | **SAMBA Server**

**Partition Status:**

No.	Partition	Path
Remove Partitions		

**Folder List:**

No.	Directory Path	Partition	Selected
Delete    Reset			

**Folder Add:**

Folder Name

Disk Part

Apply    Reset

CLICK [HELP](#) GET MORE

**Folder List:** Display USB storage folder.

**Delete:** Selected a folder to delete.

**Folder Add:** Adding a new folder.

User Admin | Disk | **SAMBA Server**

**SAMBA Server Setup**

SAMBA Server	<input type="checkbox"/> Enable <input checked="" type="checkbox"/> Disable
SAMBA Work Group	<input type="text" value="ralink"/>
NetBIOS Name	<input type="text" value="RalinkSoC"/>

Apply    Reset

**Sharing Directory List**

No.	Directory Name	Directory Path	Allow Users	Selected
Delete Directory    Edit Permit    Reset				

**Add/Edit Directory Permit**

Disk Part

Folder Name

Allow Users

Apply    Reset

CLICK [HELP](#) GET MORE

**SAMBA Server:** Enable/Disable the SAMBA Server.

**SAMBA Work Group:** Enter the name of the SAMBA Working Group.

**Net Bios Name:** Enter the name of the Net Bios.

**Add/Edit Directory Permit:** Allows users to access files

## 8.2 USB Printer

USB Printer

USB Printer Server:  Enable  Disable

Apply Reset

CLICK [HELP](#) GET MORE

**USB Printer Server:** Enable/Disable the USB Printer Server.

## 8.3 USB Web Cam

USB WebCam

**WebCam Setup**

WebCam

Web Camera:  Enable  Disable

Resolution: 640x480

Frames Per Second: 25

Port: 8080

Apply Reset

CLICK [HELP](#) GET MORE

**Web Camera:** Enable/Disable the Web Camera.

**Resolution:** You can choose 640x480, 320x240, 160x120 resolution.

**Frames Per Second:** You can choose 5,10,15,20,25,30 frames.

**Port:** Access to the camera's need the port number.

## 8.4 DDNS

This function allows you to provide Internet users with a domain name (instead of an IP address) to access your virtual servers. This router supports dynamic DNS service provided by the provider "<http://www.dyndns.org>" or "<http://www.freedns.afraid.org>". Please register this service at these providers firstly.

System Management

**DDNS Settings**

Dynamic DNS Provider: Dyndns.org

Account: aassdf

Password: \*\*\*\*\*

DDNS: aassdf.dyndns.org

Apply Cancel

CLICK [HELP](#) GET MORE

**DDNS Provider:** Select the website provides dynamic domain name service.

**Account:** Login registered username on the DDNS provider.

**Password:** Password registered on the DDNS provider.

**DDNS:** Domain name registered on the DDNS provider.

## 8.5 NTP Setting

CLICK [HELP](#) GET MORE

**Time Zone:** Select the time region.

**NTP Server:** Enter network time protocol Server.

**NTP synchronization:** Synchronization time with NTP server.

## 8.6 PIN Setting

CLICK [HELP](#) GET MORE

**PIN Code:** Enter the PIN Code to Unlock PIN.

CLICK [HELP](#) GET MORE

**PIN Enabled:** Enable/Disable the S(U)IM card PIN function.

**PUK:** PIN Unlocking Key, unlock PIN code (PIN1)

Unlock PIN | Enable/Disable PIN | **Modify PIN**

Input PIN code:

New PIN Code:

Confirm PIN Code:

Remaining time of PIN Code: 3 PUK: 10

APPLY

CLICK [HELP](#) GET MORE

**Modify PIN:** Modify the S(U)IM card PIN Code.

## 9 Administration

### 9.1 System Settings

**Set Password** | Restore

Account:

Password:

Apply Cancel

CLICK [HELP](#) GET MORE

You can set the account and the password which used to login.

**Set Password** | **Restore**

Restore System Default

CLICK [HELP](#) GET MORE

**Load Default:** system will be restored the factory settings.

### 9.2 Router Upgrade

The upgrade process will cost about 3 minutes. Please be patient and do not do any other settings. Please verify the image name, and be sure the power and the connection of the router are all right.

Upgrade Firmware

**Update Firmware**

Location:

CLICK [HELP](#) GET MORE

**Update Firmware:** After you have downloaded the new firmware, click Browse to locate the firmware update on your hard drive. Click Upload to complete the firmware upgrade.

### 9.3 System Log

System Log

Time	Level	Content
Jan 1 08:01:02	daemon debug	pppd[2741]: sent [PCP ConfReq id=0x5]
Jan 1 08:01:03	user info	syslog: AT Writer Execute: /bin/cp /dev/ttyUSB1 -s /etc/ro/3g/signal.scr
Jan 1 08:01:03	user info	syslog: AT Reader: got 21 words: 'M+CSQ: 17,99M' 'M OK'
Jan 1 08:01:03	daemon debug	pppd[2741]: sent [LCP EchoReq id=0x1 magic=0x8d799df1]
Jan 1 08:01:03	daemon debug	pppd[2741]: rcvd [LCP EchoRep id=0x1 magic=0x279ce22 0a 0b 0c 0e]
Jan 1 08:01:03	daemon debug	pppd[2741]: rcvd [PCP ConfNak id=0x5]
Jan 1 08:01:03	daemon debug	pppd[2741]: sent [PCP ConfReq id=0x6]
Jan 1 08:01:04	daemon debug	pppd[2741]: rcvd [PCP ConfNak id=0x6]
Jan 1 08:01:04	daemon debug	pppd[2741]: sent [PCP ConfReq id=0x7]
Jan 1 08:01:05	daemon debug	pppd[2741]: rcvd [PCP ConfNak id=0x7]
Jan 1 08:01:05	daemon debug	pppd[2741]: sent [PCP ConfReq id=0x8]
Jan 1 08:01:06	daemon debug	pppd[2741]: rcvd [PCP ConfReq id=0x0]
Jan 1 08:01:06	daemon debug	pppd[2741]: sent [PCP ConfNak id=0x0]
Jan 1 08:01:06	daemon debug	pppd[2741]: rcvd [PCP ConfNak id=0x8]
Jan 1 08:01:06	daemon debug	pppd[2741]: sent [PCP ConfReq id=0x9]
Jan 1 08:01:06	daemon debug	pppd[2741]: rcvd [PCP ConfReq id=0x1]
Jan 1 08:01:06	daemon debug	pppd[2741]: sent [PCP ConfAck id=0x1]
Jan 1 08:01:06	daemon debug	pppd[2741]: rcvd [PCP ConfAck id=0x9]
Jan 1 08:01:06	daemon warn	pppd[2741]: Could not determine remote IP address: defaulting to 10.64.64.64
Jan 1 08:01:06	daemon notice	pppd[2741]: local IP address 10.33.237.128
Jan 1 08:01:06	daemon notice	pppd[2741]: remote IP address 10.64.64.64
Jan 1 08:01:06	daemon notice	pppd[2741]: primary DNS address 210.22.70.3
Jan 1 08:01:06	daemon notice	pppd[2741]: secondary DNS address 211.95.1.97
Jan 1 08:01:06	daemon debug	pppd[2741]: Script /etc_ro/ppp/ip-up started (pid 2760)

Display the log information of starting and running system.

```

System Log
Refresh Log Clear Log 3g Log
sent [CHAP Response id=0x1 <94c39734bc4acc04bf8f65a7e774d2bd34e>, name = "card"]
rovd [LCP EchoRep id=0x0 magic=0x278ce22 cf 24 29 85]
rovd [CHAP Success id=0x1 ""]
CHAP authentication succeeded
sent [IPFCP ConfReq id=0x1 <addr 0.0.0.0> <ms-dns1 0.0.0.0> <ms-dns3 0.0.0.0>]
rovd [IPFCP ConfNak id=0x1 <ms-dns1 10.11.12.13> <ms-dns3 10.11.12.14> <ms-wins 10.11.12.13> <ms-wins 10.11.12.14>]
sent [IPFCP ConfReq id=0x2 <addr 0.0.0.0> <ms-dns1 10.11.12.13> <ms-dns3 10.11.12.14>]
rovd [IPFCP ConfNak id=0x2 <ms-dns1 10.11.12.13> <ms-dns3 10.11.12.14> <ms-wins 10.11.12.13> <ms-wins 10.11.12.14>]
sent [IPFCP ConfReq id=0x3 <addr 0.0.0.0> <ms-dns1 10.11.12.13> <ms-dns3 10.11.12.14>]
rovd [IPFCP ConfNak id=0x3 <ms-dns1 10.11.12.13> <ms-dns3 10.11.12.14> <ms-wins 10.11.12.13> <ms-wins 10.11.12.14>]
sent [IPFCP ConfReq id=0x4 <addr 0.0.0.0> <ms-dns1 10.11.12.13> <ms-dns3 10.11.12.14>]
rovd [IPFCP ConfNak id=0x4 <ms-dns1 10.11.12.13> <ms-dns3 10.11.12.14> <ms-wins 10.11.12.13> <ms-wins 10.11.12.14>]
sent [IPFCP ConfReq id=0x5 <addr 0.0.0.0> <ms-dns1 10.11.12.13> <ms-dns3 10.11.12.14>]
rovd [LCP EchoReq id=0x1 magic=0x8b799df1]
rovd [LCP EchoRep id=0x1 magic=0x278ce22 0a 0b 0c 0e]
rovd [IPFCP ConfNak id=0x5 <ms-dns1 10.11.12.13> <ms-dns3 10.11.12.14> <ms-wins 10.11.12.13> <ms-wins 10.11.12.14>]
rovd [IPFCP ConfReq id=0x6 <addr 0.0.0.0> <ms-dns1 10.11.12.13> <ms-dns3 10.11.12.14>]
sent [IPFCP ConfReq id=0x6 <ms-dns1 10.11.12.13> <ms-dns3 10.11.12.14> <ms-wins 10.11.12.13> <ms-wins 10.11.12.14>]
sent [IPFCP ConfReq id=0x7 <addr 0.0.0.0> <ms-dns1 10.11.12.13> <ms-dns3 10.11.12.14>]
rovd [IPFCP ConfNak id=0x7 <ms-dns1 10.11.12.13> <ms-dns3 10.11.12.14> <ms-wins 10.11.12.13> <ms-wins 10.11.12.14>]
sent [IPFCP ConfReq id=0x8 <addr 0.0.0.0> <ms-dns1 10.11.12.13> <ms-dns3 10.11.12.14>]
rovd [IPFCP ConfReq id=0x8]
sent [IPFCP ConfReq id=0x9 <addr 0.0.0.0>]
rovd [IPFCP ConfNak id=0x8 <addr 10.33.237.128> <ms-dns1 210.22.70.3> <ms-dns3 211.95.1.97>]
sent [IPFCP ConfReq id=0x9 <addr 10.33.237.128> <ms-dns1 210.22.70.3> <ms-dns3 211.95.1.97>]
rovd [IPFCP ConfReq id=0x1]
sent [IPFCP ConfAck id=0x1]
rovd [IPFCP ConfAck id=0x9 <addr 10.33.237.128> <ms-dns1 210.22.70.3> <ms-dns3 211.95.1.97>]
Could not determine remote IP address: defaulting to 10.64.64.64
local IP address 10.33.237.128

```

Display the log information of 3G dial-up.

## 10 Save/Reboot

Save/Reboot

Reboot The System

Save and Reboot

Save without Reboot

CLICK [HELP](#) GET MORE

**Reboot System:** system will be rebooted.

**Save/Reboot:** system will save the configuration and reboot.

**Reboot System:** system will be reboot.

## **Federal Communication Commission Interference 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.

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

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

### **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.

### **FOR COUNTRY CODE SELECTION USAGE (WLAN DEVICES)**

Note: The country code selection is for non-US model only and is not available to all US model. Per FCC regulation, all WiFi product marketed in US must fixed to US operation channels only.