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	WLAN Bro	adband R	outer		
		anouna n	omer		
Site contents:	WAN Interf	ace Setup			4
<u>li</u> Status 					
Basic Settings	This page is used to co your Access Point. Her	onfigure the paramete re you may change th	ers for Internet network w he setting for IP addresss	hich connects to the WA , PPPoE, DNS, etc	N port of
- 🧧 Advanced Settings	-	, , ,			
Security	Attain IP Automat	tically (DHCP)			
TCP//P Settings	C Fixed IP				
LAN Interface		lanan			
LAN Interface	IP Address:				
LAN Interface WAN Interface	IP Address: Subnet Mask:	0.0.0.0			
LAN Interface WAN Interface Firewall Statistics	IP Address: Subnet Mask: Default Gateway:	0.0.0.0			
LAN Interface     WAN Interface     Firewall     Statistics     Upgrade Firmware     Save/Reload Settings     Pacoword	IP Address: Subnet Mask: Default Gateway: C PPPoE	0.0.0.0			_
LAN Interface WAN Interface Firewall Upgrade Firmware Save/Reload Settings Password	IP Address: Subnet Mask: Default Gateway: C PPPoE User Name:	0.0.0.0			
<ul> <li>LAN Interface</li> <li>WAN Interface</li> <li>Firewall</li> <li>Statistics</li> <li>Upgrade Firmware</li> <li>Save/Reload Settings</li> <li>Password</li> </ul>	IP Address: Subnet Mask: Default Gateway: © PPPoE User Name: Password:	0.0.0.0			
<ul> <li>LAN Interface</li> <li>WAN Interface</li> <li>Firewall</li> <li>Statistics</li> <li>Upgrade Firmware</li> <li>Save/Reload Settings</li> <li>Password</li> </ul>	IP Address: Subnet Mask: Default Gateway: C PPPoE User Name: Password: Connection Type:	0.0.0.0 0.0.0.0	Connect	Disconnect	
LAN Interface WAN Interface Firewall Statistics Upgrade Firmware Save/Reload Settings Password	IP Address: Subnet Mask: Default Gateway: C PPPoE User Name: Password: Connection Type: Idle Time:	0.0.0.0 0.0.0.0	Connect (1-1000 minutes)	Disconnect	

Screenshot – WAN Interface Setup - 1

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Status	C PPPoE							
- 🔄 Wireless Basis Settings	User Name:							
Advanced Settings	Password:							
Security	Connection Type:	Continuc	ius	-	Connect	Disconnect		
	Idle Time:	5		(1-10	00 minutes)			
WAN Interface 	• Attain DNS Autom	atically						
Statistics	C Set DNS Manually	R	00					
Save/Reload Settings	DNS 1:							
Password	DNS 2:							
	DNS 3:		<b>_</b>					
	Clone MAC Address		00000000	0000				
	Apply Changes	Rese	t					×

Screenshot – WAN Interface Setup - 2

Item	Description
Attain IP	Click to select DHCP support on WAN interface for IP
Automatically (DHCP)	address assigned automatically from a DHCP server.

Fixed IP	Click to select fixed IP support on WAN interface. There are IP address, subnet mask and default gateway settings		
ID Address	If you galact the fixed ID support on WAN interface fill		
IP Auaress	in the ID address for it		
Subrat Mask	If you calcot the fixed ID support on WAN interface fill		
Subnet Musk	in the subnet meak for it		
Default Caternan	If the subject the fixed ID summart on WAN interface fill		
Default Gateway	in the default estaurou for WAN interface, and acting data		
	in the default gateway for WAN interface out going data		
PPPoE	Click to select PPPoE support on WAN interface. There		
	are user name, password, connection type and idle time		
	settings need to be done.		
User Name	If you select the PPPoE support on WAN interface, fill in		
	the user name and password to login the PPPoE server.		
Password	If you select the PPPoE support on WAN interface, fill in		
	the user name and password to login the PPPoE server.		
Connection Type	Select the connection type from pull-down menu. There		
	are <i>Continuous</i> , <i>Connect on Demand</i> and <i>Manual</i> three		
	types to select.		
	Continuous connection type means to setup the		
	connection through PPPoE protocol whenever this		
	WLAN Broadband Router is powered on.		
	Connect on Demand connection type means to setup the		
	connection through PPPoE protocol whenever you send		
	the data packets out through the WAN interface; there are		
	a watchdog implemented to close the PPPoE connection		
	while there are no data sent out longer than the idle time		
	set.		
	Manual connection type means to setup the connection		
	through the PPPoE protocol by clicking the Connect		
	button manually, and clicking the <b>Disconnect</b> button		
	manually.		
Idle Time	If you select the <b>PPPoE</b> and <b>Connect on Demand</b>		
	connection type, fill in the idle time for auto-disconnect		
	function. Value can be between 1 and 1000 minutes.		
Attain DNS	Click to select getting DNS address for <b>DHCP</b> , <b>PPPoE</b>		

Automatically	support. Please select Set DNS Manually if the Fixed IP		
	support is selected.		
Set DNS Manually	Click to select getting DNS address for <i>Fixed IP</i> support.		
DNS 1	Fill in the IP address of Domain Name Server 1.		
DNS 2	Fill in the IP address of Domain Name Server 2.		
DNS 3	Fill in the IP address of Domain Name Server 3.		
Apply Changes	Click the <i>Apply Changes</i> button to complete the new		
	configuration setting.		
Reset	Click the <i>Reset</i> button to abort change and recover the		
	previous configuration setting.		

# 3.3.8 Firewall - Port Filtering

Entries in this table are used to restrict certain types of data packets from your local network to Internet through the Gateway. Use of such filters can be helpful in securing or restricting your local network.

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Address () http://192.168.1.254/home	.asp			💌 🛃 Go	Links »
	WLAN Broad	band Route	er		
	Port Filtering				
Wireless     Basic Settings     Advanced Settings     Security	Entries in this table are use to Internet through the Gat your local network.	d to restrict certain type: eway. Use of such filters	s of data packets from you can be helpful in securing	r local network g or restricting	
→ Access Control → TCP/IP Settings → LAN Interface	Enable Port Filtering Port Range:	Protocol: Both	Comment:	]	
Port Filtering	Apply Changes	Reset			
MAC Filtering	Current Filter Table:				
Port Forwarding	Port Range	Protocol	Comment	Select	
DMZ	10002-10006	TCP	ERP		
Upgrade Firmware Save/Reload Settings Password	Delete Selected	Delete All F	teset		
e Done				🔮 Internet	

Screenshot - Firewall - Port Filtering

Item	Description
Enable Port Filtering	Click to enable the port filtering security function.
Port Range	To restrict data transmission from the local network on

Protocol	certain ports, fill in the range of start-port and end-port,				
Comments	and the protocol, also put your comments on it.				
	The <i>Protocol</i> can be TCP, UDP or Both.				
	Comments let you know about whys to restrict data from				
	the ports.				
Apply Changes	Click the Apply Changes button to register the ports to				
	port filtering list.				
Reset	Click the <i>Reset</i> button to abort change and recover the				
	previous configuration setting.				
Delete Selected	Click to delete the selected port range that will be				
	removed from the port-filtering list.				
Delete All	Click to delete all the registered entries from the				
	port-filtering list.				
Reset	Click the <i>Reset</i> button to abort change and recover the				
	previous configuration setting.				

## 3.3.9 Firewall - IP Filtering

Entries in this table are used to restrict certain types of data packets from your local network to Internet through the Gateway. Use of such filters can be helpful in securing or restricting your local network.



Screenshot - Firewall - IP Filtering

Item	Description				
Enable IP Filtering	Click to enable the IP filtering security function.				
Local IP Address	To restrict data transmission from local network on				
Protocol	certain IP addresses, fill in the IP address and the				
Comments	protocol, also put your comments on it.				
	The <i>Protocol</i> can be TCP, UDP or Both.				
	Comments let you know about whys to restrict data from				
	the IP address.				
Apply Changes	Click the Apply Changes button to register the IP address				
	to IP filtering list.				
Reset	Click the <i>Reset</i> button to abort change and recover the				
	previous configuration setting.				
Delete Selected	Click to delete the selected IP address that will be				
	removed from the IP-filtering list.				
Delete All	Click to delete all the registered entries from the				
	IP-filtering list.				
Reset	Click the <i>Reset</i> button to abort change and recover the				
	previous configuration setting.				

### 3.3.10 Firewall - MAC Filtering

Entries in this table are used to restrict certain types of data packets from your local network to Internet through the Gateway. Use of such filters can be helpful in securing or restricting your local network.

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ddress 🗿 http://192.168.1.254/home	e.asp		💌 🛃 Go 🛛 Links 🌺	
	WLAN Broadband Ro	outer		
Site contents: Status	MAC Filtering			
Wireless Basic Settings Advanced Settings Security	Entries in this table are used to restrict certain types of data packets from your local network to Internet through the Gateway. Use of such filters can be helpful in securing or restricting your local network.			
Access Control	Enable MAC Filtering			
	MAC Address: Com	nent:		
DMZ	Current Filter Table:			
- 📑 Statistics	MAC Address	Comment	Select	
Upgrade Firmware	00:20:ed:00:98:78	DUT-1		
Password	Delete Selected Delete All	Reset		
Dope			Totavnat	
- Done			1 memor	

Screenshot - Firewall - MAC Filtering

Item	Description
Enable MAC Filtering	Click to enable the MAC filtering security function.
MAC Address	To restrict data transmission from local network on
Comments	certain MAC addresses, fill in the MAC address and your
	comments on it.
	<i>Comments</i> let you know about whys to restrict data from
	the MAC address.
Apply Changes	Click the <i>Apply Changes</i> button to register the MAC
	address to MAC filtering list.
Reset	Click the <i>Reset</i> button to abort change and recover the
	previous configuration setting.
Delete Selected	Click to delete the selected MAC address that will be
	removed from the MAC-filtering list.
Delete All	Click to delete all the registered entries from the
	MAC-filtering list.
Reset	Click the <i>Reset</i> button to abort change and recover the
	previous configuration setting.

# 3.3.11 Firewall - Port Forwarding

Entries in this table allow you to automatically redirect common network services

to a specific machine behind the NAT firewall. These settings are only necessary if you wish to host some sort of server like a web server or mail server on the private local network behind your Gateway's NAT firewall.

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	WLAN Brod	adband I	Router			
≠ Site contents: ∎ Status	Port Forwar	ding				
Wireless Basic Settings Advanced Settings Security	Entries in this table allo machine behind the NA server like a web serve firewall.	ow you to automat: AT firewall. These r or mail server on	ically redirect comm settings are only ne the private local net	ion network servi cessary if you wi twork behind you	ces to a specific sh to host some s r Gateway's NAT	ort of
CP/IP Settings     Firewall     Port Filtering     IP Filtering	✓ Enable Port Forward Port	Protocol:	Both 💌 Port Rang	;e:	Comment:	
MAC Filtering     Port Forwarding     DMZ     Statistics     Upgrade Firmware	Apply Changes	Reset				
Save/Reload Settings	Current Port Forwardi	ng Table: Protocol	Port Range	Comment	Select	
Fassword	192.168.1.10	TCP+UDP	88	server-1		
	Delete Selected	Delete A	II Reset			
Done					🔮 Internet	

Screenshot - Firewall - Port Forwarding

Item	Description		
Enable Port	Click to enable the Port Forwarding security function.		
Forwarding			
IP Address	To forward data packets coming from WAN to a specific		
Protocol	IP address that hosted in local network behind the NAT		
Port Range	firewall, fill in the IP address, protocol, port range and		
Comment	your comments.		
	The <i>Protocol</i> can be TCP, UDP or Both.		
	The <i>Port Range</i> for data transmission.		
	Comments let you know about whys to allow data		
	packets forward to the IP address and port number.		
Apply Changes	Click the Apply Changes button to register the IP address		
	and port number to Port forwarding list.		
Reset	Click the <i>Reset</i> button to abort change and recover the		
	previous configuration setting.		

Delete Selected	Click to delete the selected IP address and port number		
	that will be removed from the port-forwarding list.		
Delete All	Click to delete all the registered entries from the		
	port-forwarding list.		
Reset	Click the <i>Reset</i> button to abort change and recover the		
	previous configuration setting.		

#### 3.3.12 Firewall - DMZ

A Demilitarized Zone is used to provide Internet services without sacrificing unauthorized access to its local private network. Typically, the DMZ host contains devices accessible to Internet traffic, such as Web (HTTP) servers, FTP servers, SMTP (e-mail) servers and DNS servers.



Screenshot - Firewall - DMZ

Item	Description			
Enable DMZ	Click to enable the DMZ function.			
DMZ Host IP Address	To support DMZ in your firewall design, fill in the IP			
	address of DMZ host that can be access from the WAN			
	interface.			
Apply Changes	Click the <i>Apply Changes</i> button to register the IP address			

	of DMZ host.
Reset	Click the <i>Reset</i> button to abort change and recover the
	previous configuration setting.

# 3.3.13 Statistics

This page shows the packet counters for transmission and reception regarding to wireless, Ethernet LAN and Ethernet WAN networks.

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Address Address Address Address	asp			💌 🔁 Go	Links »
	WLAN Bro	oadband Ro	uter		
<ul> <li></li></ul>	Statistics This page shows the and Ethemet network	packet counters for transr s.	nission and receptio	on regarding to wireless	
Access Control		Sent Packets	21		
TCP/IP Settings	Wireless LAN	Received Packets	0		
Dort Filtoring		Sent Packets	420		
IP Filtering	Ethernet LAN	Received Packets	359		
MAC Filtering	C	Sent Packets	21		
Port Forwarding	Ethernet WAN	Received Packets	0		
Statistics Upgrade Firmware Sav/Reload Settings Password	Refresh				
Ē				🔹 🚺 🔮 Internet	

Screenshot - Statistics

Item	Description		
Wireless LAN	It shows the statistic count of sent packets on the wireless		
Sent Packets	LAN interface.		
Wireless LAN	It shows the statistic count of received packets on the		
<b>Received Packets</b>	wireless LAN interface.		
Ethernet LAN	It shows the statistic count of sent packets on the		
Sent Packets	Ethernet LAN interface.		
Ethernet LAN	It shows the statistic count of received packets on the		
<b>Received Packets</b>	Ethernet LAN interface.		
Ethernet WAN	It shows the statistic count of sent packets on the		
Sent Packets	Ethernet WAN interface.		

Ethernet WAN	It shows the statistic count of received packets on the
<b>Received Packets</b>	Ethernet WAN interface.
Refresh	Click the refresh the statistic counters on the screen.

#### 3.3.14 Upgrade Firmware

This page allows you upgrade the Access Point firmware to new version. Please note, do not power off the device during the upload because it may crash the system.

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	WLAN Broadband Router	
Site contents: Status Wireless Advanced Settings Security Access Control TCP/IP Settings IP Filtering IP Filtering Port Filtering Statistics Upgrade Firmware Sawe/Reload Settings Password	Upgrade Firmware         This page allows you upgrade the Access Point firmware to new version. Please note, do not power off the device during the upload because it may crash the system.         Select File:       Virmware/wenpages-gv       Browse         Upload       Reset	
🛃 Done	🔰 👘 Internet	

Screenshot – Upgrade Firmware

Item	Description		
Select File	Click the <i>Browse</i> button to select the new version of web		
	firmware image file.		
Upload	Click the Upload button to update the selected web		
	firmware image to the WLAN Broadband Router.		
Reset	Click the <i>Reset</i> button to abort change and recover the		
	previous configuration setting.		

### 3.3.15 Save/ Reload Settings

This page allows you save current settings to a file or reload the settings from the file that was saved previously. Besides, you could reset the current configuration

#### to factory default.

File Edit View Favorites Tools	Help	🜒 Media  🚱 🖓		
Address 🙋 http://192.168.1.254/hom	e.asp WI AN Broadl	band Router	💌 🄁 Go	Links »
Site contents: Status Wireless Basic Settings Advanced Settings Cecurity Access Control TCP/IP Settings Port Filtering MAC Filtering MAC Filtering DMZ Statistics Upgrade Firmware Save/Reload Settings Password	Save/Reload Se This page allows you save cu was saved previously. Beside Save Settings to File: Load Settings from File: Reset Settings to Default:	ttings ament settings to a file or reload s, you could reset the current of Save /config/config-gw.bin Reset	the settings from the file which configuration to factory default. Browse Upload	
Ē			👔 👔 👔 Internet	

Screenshot - Save/Reload Settings

Item	Description		
Save Settings to File	Click the Save button to download the configuration		
	parameters to your personal computer.		
Load Settings from	Click the <i>Browse</i> button to select the configuration files		
File	then click the Upload button to update the selected		
	configuration to the WLAN Broadband Router.		
Reset Settings to	Click the <i>Reset</i> button to reset the configuration		
Default	parameter to factory defaults.		

### 3.3.16 Password Setup

This page is used to set the account to access the web server of Access Point. Empty user name and password will disable the protection.

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Address 🕘 http://192.168.1.254/hom	e.asp		💌 🛃 Go 🛛 Links 🌺
	WLAN Broa	dband Router	
Site contents: Status	Password Set	up	
Wireless	This page is used to set t name and password will o	he account to access the web server of Access Point isable the protection.	. Empty user
<ul> <li>Security</li> <li>Access Control</li> <li>TCP/IP Settings</li> </ul>	User Name: New Password:	craig	
	Confirmed Password:		
MAC Filtering Port Forwarding MZ	Apply Changes	Reset	
Statistics Upgrade Firmware Save/Reload Settings			
Password			
3			💣 Internet

Screenshot – Password Setup

Item	Description
User Name	Fill in the user name for web management login control.
New Password	Fill in the password for web management login control.
Confirmed Password	Because the password input is invisible, so please fill in
	the password again for confirmation purpose.
Apply Changes	Clear the User Name and Password fields to empty,
	means to apply no web management login control.
	Click the <i>Apply Changes</i> button to complete the new
	configuration setting.
Reset	Click the <i>Reset</i> button to abort change and recover the
	previous configuration setting.