



Hitachi Cable WirelessIP-5000 WEB Interface Manual

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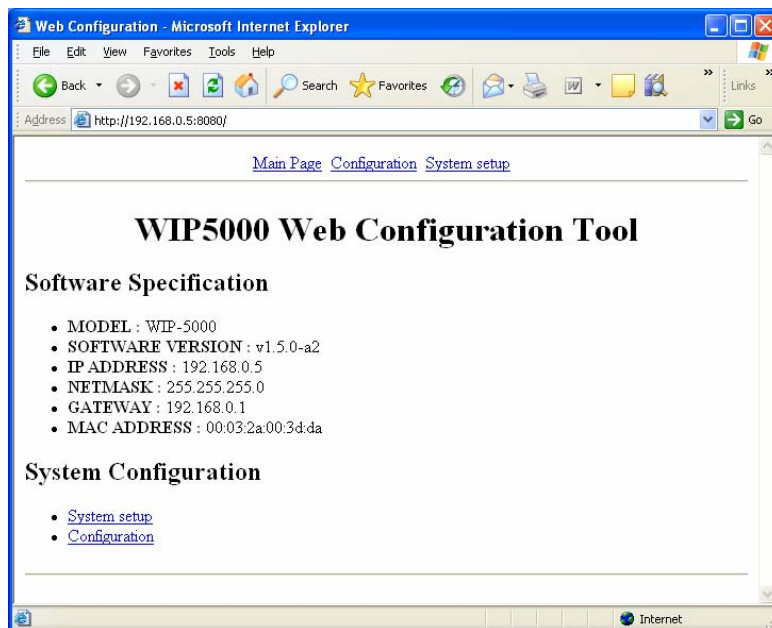
1. WirelessIP-5000 Web Interface

1.1 Abstract

It is possible to use your web browser to configure the settings for the WirelessIP-5000. By using the Web Interface, you can configure detailed settings that cannot be set via the terminal itself.

1.2 Starting Up

To start up the WWW Management Interface, start the web browser on the client terminal and access this address: `http://<host>:<port>/` For <host>, insert the IP address or host name for the terminal that you want to configure, and for <port>, insert the port number (the port number is 8080, and cannot be omitted). If you don't know your phone's IP, follow this sequence in your phone: [Menu] → 5. Setup → 6. Information → 1. TCP/IP



(Figure 1)

Note 1: Please do not use the interface from more than one browser (client) at a time. This can result in a difference between the content of the database and the displayed information.

2. Configuration Menu

The Web Management Interface is made up of three screens: "Main Page", "Configuration", and "System Setup". A description of each screen follows.

2.1 Main Page

This screen displays the terminal's software version, TCP/IP settings, and other basic information. (Displayed items in Figure 1)

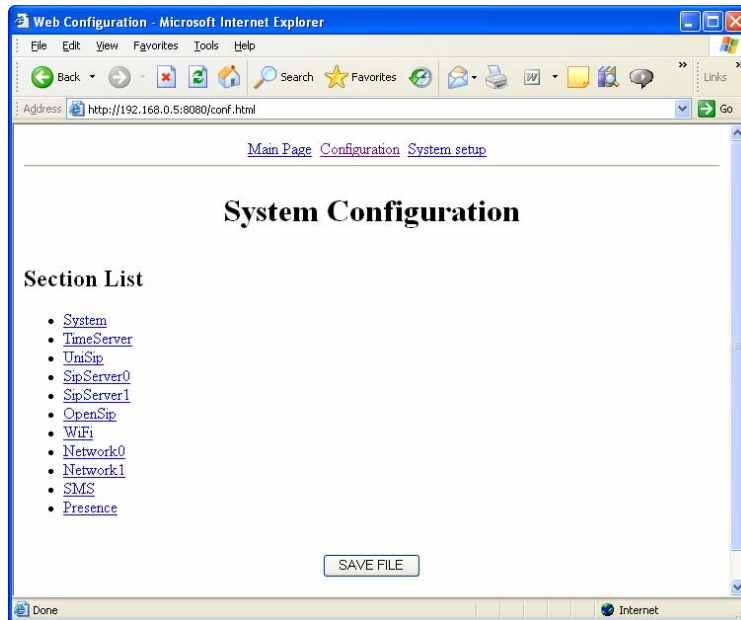
- MODEL: The terminal's model name
- SOFTWARE VERSION: The terminal's software version
- IP ADDRESS: The terminal's IP address
- NETMASK: The terminal's netmask

- GATEWAY: The terminal's default gateway
- MACADDRESS: The terminal's MAC address

2.2 Configuration

This screen is used to perform terminal configuration. To log in to the "Configuration" screen, you must authenticate yourself with a user name and password, as shown in Figure 2. By default, no password or user name is set. Press the [OK] button to log in to the "Configuration" screen.(Figure 2)

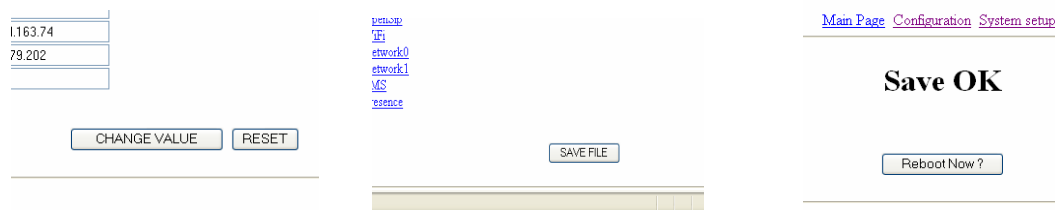
※ The user name and password can be changed on the "System Setup" screen. For more information about the "System Setup" screen, see "System Setup."



(Figure 2)

When changing configuration via web interface you have to follow this procedure:

- ① After changing the settings, click the [CHANGE VALUE] button to change the configuration
- ② Click the [SAVE FILE] button to save the configuration
- ③ Use the "System Setup" screen to reboot the terminal

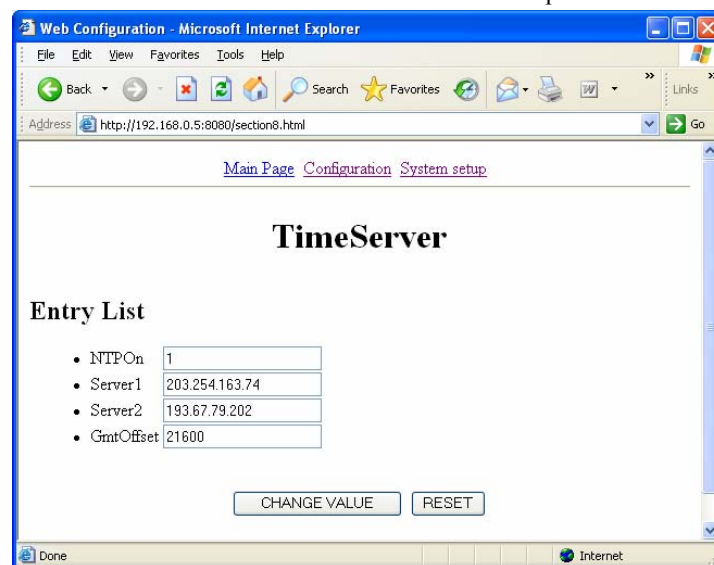


(Caution!) Always follow the above procedure when using the WWW Management Interface to change terminal settings. Even after you have changed the settings, they will not be active until you have saved the configuration and rebooted the terminal.

2.2.1 TimeServer

Here you set the Time server and offset

[Time Server]	Default value	Usable Characters	Description
Server1	203.254.163.74	30 bytes max	Specifies the NTP master server.
Server2	193.67.79.202	30 bytes max	Specifies the NTP slave server.
NTP ON	1	0, 1	Activates and deactivates the NTP Server. ON(1)/OFF(0)
GmtOffset	21600		Specifies the Timezone offset in seconds



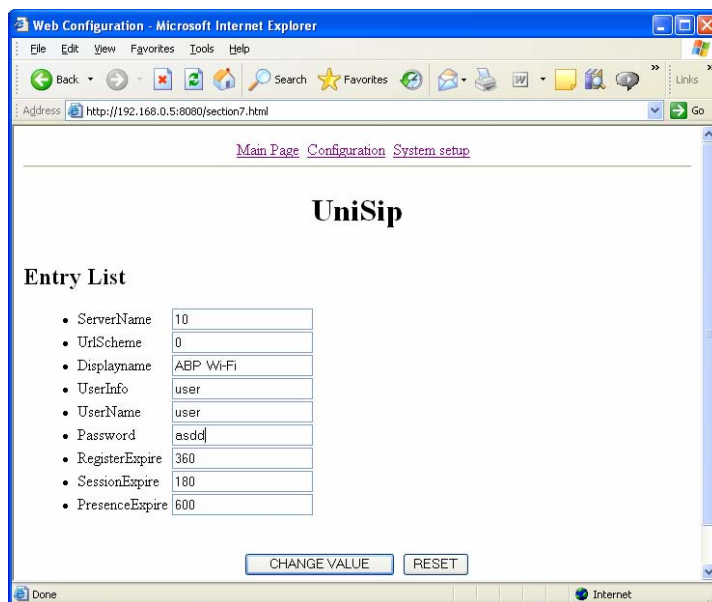
(Figure 3)

2.2.2 UniSip

Here you define basic sip parameters to provision the phone such as username and password.

[Time Server]	Default value	Usable Characters	Description
Server Name	NULL	5 bytes max	Refer to CA Server Name Uni Sip Server Name
URL Scheme	0	0, 1	Url Scheme setting; "sip url"(0)/"tel url"(1)
Displayname	NULL	30 bytes max	Displayname portion of the SIP URI. I.e. sip:"happy"<3111@abp.com>, this would be "happy".
User Info	NULL	30 bytes max	User Info portion of the SIP URI. I.e. sip:"happy"<3111@abp.com>, this would be 3111.

User Name	NULL	30 bytes max	Username for WWW-Authentication.
Password	NULL	30 bytes max	Password for WWW-Authentication.
Register Expire	3600	10- 99990	Registration Expire Time in seconds (s)
Session Expire	1800	10- 99990	Session Expire Time in seconds (s)
Presence Expire	600	10- 99990	Presence Expire Time in seconds (s)

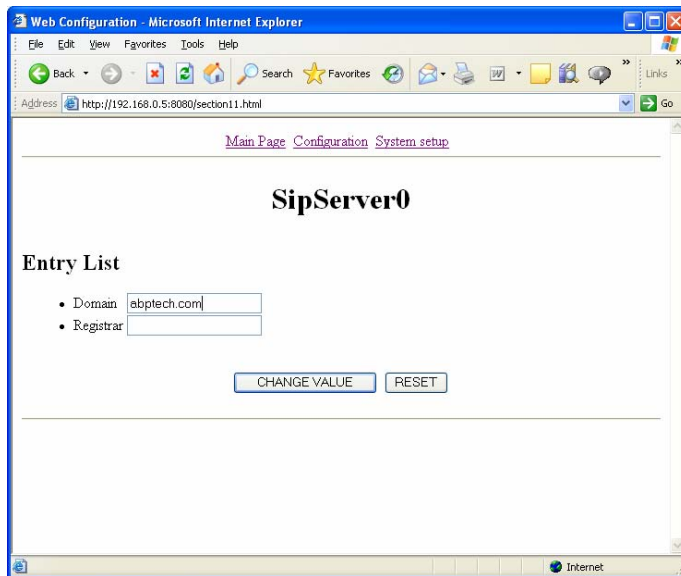


(Figure 4)

2.2.3 SipServer0/1

Here the Proxy server Domain (Domain Name), and Registrar (SIP registrar server address) can be set. If you set only the Domain, the Registrar will be set with the value entered for the Domain. For the Sip server, you can set a Primary (SipServer0) and Secondary (SipServer1) server.

[SIP Server0/1]	Default value	Usable Characters	Description
Domain	NULL	50 bytes max	Domain/Proxy name or IP address
Registrar	NULL	50 bytes max	Registrar Server or IP address

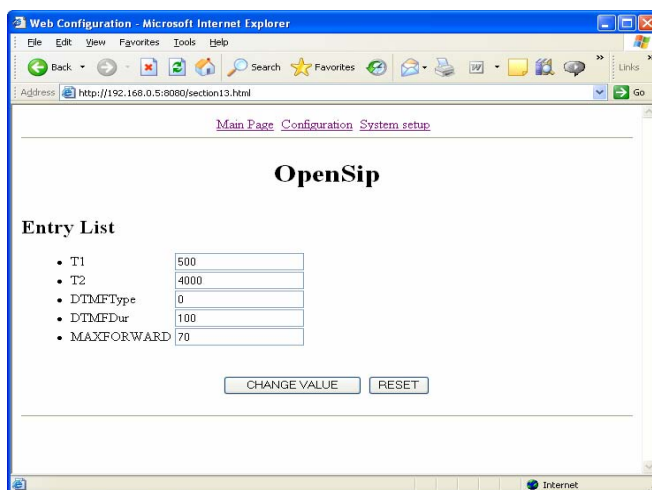


(Figure 5)

2.2.4 OpenSip

Here you define advanced sip settings. See administrator manual for details

[Open SIP]	Default value	Usable Characters	Description
T1	500		SIP T1 Timer value in milliseconds (ms)
T2	4000		SIP T2 Timer Value in milliseconds (ms)
DTMF Type 0		0,1,2	DTMF transmission Type 0=RTP; 1=INFO; 2=RFC2833
DTMF Dur	250		DTMF Duration value (ms)
MAX Forward	70	4 bytes max	Max-Forwards Value

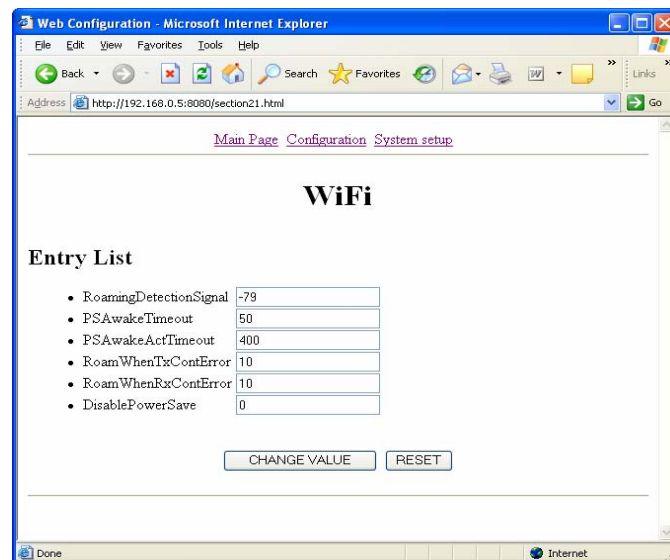


(Figure 6)

2.2.5 WiFi

Wireless roaming and power saving settings can be changed here.

[WiFi]	Default value	Usable Characters	Description
RoamingDetectionSignal	-79	-103 to 0	Signal Level to start roaming (in dbm)
PSAwakeTimeout	50		Used when Power Save is enabled
PSAwakeActTimeout	400		Used when Power Save is enabled
RoamWhenTxContError	10		Error % to start roaming
RoamWhenRxContError	10		Error % to start roaming
DisablePowerSave	0	0,1	WLAN Power Save Enable(0) / Disable(1)



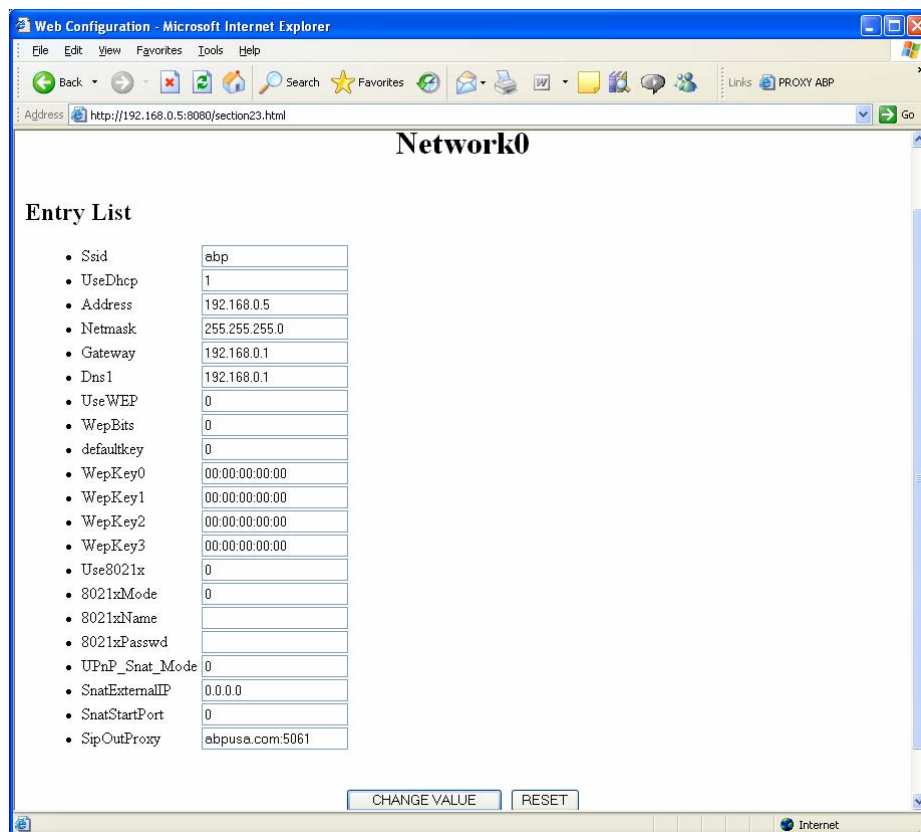
(Figure 7)

2.2.6 NetWork0/1

Here you define TCP/IP and wireless settings. Outbound Proxy for this specific network is also defined here:

[Network0]	Default value	Usable Characters	Description
SSID	NULL	33 bytes max	SSID Value
Use DHCP	1	0,1	DHCP Mode Enable(1)/Disable(0)
Address	0.0.0.0	16 bytes max	IP Address when DHCP Mode is disabled.
Net Mask	255.255.255.0	16 bytes max	Net Mask when DHCP Mode is disabled.
Gateway	0.0.0.0	16 bytes max	Gateway when DHCP Mode is disabled.
DNS1	0.0.0.0	16 bytes max	DNS Server when DHCP Mode is disabled.
Use WEP	0	0,1	WEP Enable(1)/Disable(0)

WEP Bits	0	0,1,2	Number of WEP Key Bits; 64(0)/128(1)/256(2)
Default Key	0	0 – 3	Default WEP Key Index (0 - 3)
WEP Key0	00:00:00:00:00	87 bytes max	Index 0 WEP Key (64bits example: 00:00:00:00:00)
WEP Key1	00:00:00:00:00	87 bytes max	Index 1 WEP Key(64bits example: 00:00:00:00:00)
WEP Key 2	00:00:00:00:00	87 bytes max	Index 2 WEP Key(64bits example: 00:00:00:00:00)
WEP Key 3	00:00:00:00:00	87 bytes max	Index 3 WEP Key(64bits example: 00:00:00:00:00)
Use 802.1x	0	0,1	802.1x Enable(1)/Disable(0)
802.1x Mode	0	0,1	802.1x Mode MD5(0)/TLS(1)
802.1x Name	NULL	20 bytes max	User ID
802.1x Password	NULL	20 bytes max	Password
UPnP_SNAT_Mode	0	0,1,2	Disable(0)/UPnP(1)/StaticNAT(2) mode setting
SNAT External IP	0.0.0.0	16 bytes max	External IP for Static NAT
SNAT Start Port	0	0 – 9000	External Port for Static NAT
SIP Outbound Proxy			Outbound proxy name or IP. Specific port can be defined. i.e. abpusa.com:5080



(Figure 8)

2.2.7 SMS

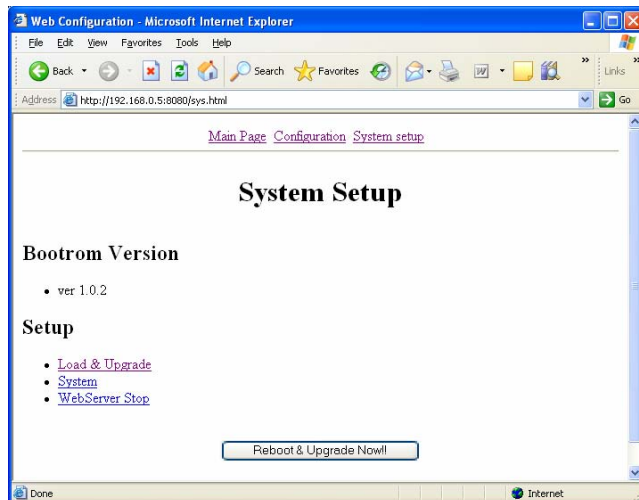
Please see administrator manual

2.2.8 Presence

Please see administrator manual

2.3 System Setup

This screen is used to configure terminal management settings. To log in to the "System Setup" screen, you must authenticate yourself with a user name and password. By default, no password or user name is set. Click the [OK] button to log in to the "System Setup" screen. (Figure 9)



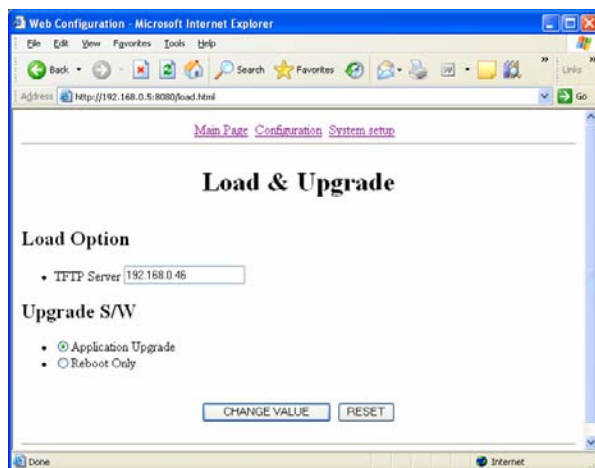
(Figure 9)

2.3.1 Load & Upgrade

Your WirelessIP-5000's firmware can be upgraded here. First you need to setup a TFTP server and copy the new files to the root directory. The files you need are: loadrun.ini; ipphone.bz; g729a.bz and user.ini.

You need to do the following

- ① Specify the TFTP server's IP address under "Load Option" - "TFTP Server" (see Figure 10).
- ② Under "Upgrade S/W", select "Application Upgrade" (see Figure 10).
- ③ Click the [CHANGE VALUE] button to save the configuration (see figure 10).
- ④ Reboot the terminal from the "System Setup" screen.



(Figure 10)