





Hitachi Cable WirelessIP-5000 WEB Interface Manual

WirelessIP-5000

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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] \rightarrow 5. Setup \rightarrow 6. Information \rightarrow 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

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- 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."

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| Address 🕘 http://192.168.0.5:8080/conf.html | 🖌 🔁 Co |
| Main Page Configuration System setup | |
| System Configuration | |
| Section List System TimeServer UniSip SipServer0 SipServer1 OpenSip WiFi Network0 Network1 SMS Presence | |
| SAVEFILE | |
| Done 🔮 Internet | |

(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

| 1.163.74 | penoip Tri | Main Page Configuration System setup |
|--------------------|------------------------------------|--------------------------------------|
| 78.202 | etwork0 etwork1 MS vsence | Save OK |
| CHANGE VALUE RESET | SAVE FILE | Reboot Now ? |
| | | |

(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

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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 |
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| | Main Page Config | puration System setup | |

| CHANGE VALUE | R | ESE |
|--------------|---|-----|
| | | |
| | | |

(Figure 3)

TimeServer

2.2.2 UniSip

🛃 Done

Entry List • NTPOn 1

Server1

203.254.163.74 • Server2 193.67.79.202 • GmtOffset 21600

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

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| WirelessIP-5000 | © | opyright2004, Hit | achi Cable and ABP Technology, All rights reserved - 4 |
|-----------------|------------------|----------------------|---|
| User Info | NULL | 30 bytes max | sip:"happy"<3111@abp.com>, this would be 3111. |
| | | | User Info portion of the SIP URI. I.e. |
| Displayname | NULL | 30 bytes max | Displayname portion of the SIP URI. I.e. sip:"happy"<3111@abp.com>, this would be "happy". |
| URL Scheme | 0 | 0, 1 | Url Scheme setting; "sip url"(0)/"tel url"(1) |
| Server Name | NULL | 5 bytes max | Refer to CA Server Name Uni Sip Server Name |
| [Time Server] | Default value | Usable Characters | Description |

| 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) |

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| Address a http://192.168.0. | 5:8080/section7.html | Image: A state of the state | Go Go |
| | <u>Main Page</u> | <u>Configuration</u> System setup | _ 1 |
| Entry List | | UniSip | |
| • ServerName | 10 | | |
| UrlScheme | 0 | | 1 |
| Displayname | ABP Wi-Fi | | |
| UserInfo | user | | |
| UserName | user | | |
| Password | asdd | | |
| RegisterExpire | 360 | | |
| SessionExpire | 180 | | |
| PresenceExpire | 600 | | |
| | CHA | | > |
| 🕘 Done | | 🔮 Internet | |

(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 |

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| Main Page Configuration System setup | |
| SipServer0 | |
| Entry List Domain abptech.com Registrar | |
| CHANGE VALUE RESET | |
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(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 |

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| | Main Page Configuration System setup | |
| Entry List • T1 • T2 • DTMFType • DTMFDur • MAXFORWARD | 500 4000 0 100 70 CHANGE VALUE RESET | |
| | | |

(Figure 6)

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2.2.5 WiFi

Wireless roaming and power saving settings can be changed here.

| [WiFi] | Default value | Usable Characters | Description |
|-------------------------|---------------|-------------------|--|
| RoamingDetection Signal | -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) |

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| Entry List | WiFi | |
| RoamingDetectionSignal | -79 | |
| PSAwakeTimeout | 50 | |
| PSAwakeActTimeout | 400 | |
| RoamWhenTxContError | 10 | |
| RoamWhenRxContError | 10 | |
| DisablePowerSave | 0 | |
| C | CHANGE VALUE RESET | _ |
| Done . | Totamat | |
| El porte | Internet 👹 | - 4 |

(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:

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|-----------------|---------------|----------------------|---|
| Use WEP | 0 | 0,1 | WEP Enable(1)/Disable(0) |
| DNS1 | 0.0.00 | 16 bytes max | DNS Server when DHCP Mode is disabled. |
| Gateway | 0.0.0.0 | 16 bytes max | Gateway when DHCP Mode is disabled. |
| Net Mask | 255.255.255.0 | 16 bytes max | Net Mask when DHCP Mode is disabled. |
| Address | 0.0.0.0 | 16 bytes max | IP Address when DHCP Mode is disabled. |
| Use DHCP | 1 | 0,1 | DHCP Mode Enable(1)/Disable(0) |
| SSID | NULL | 33 bytes max | SSID Value |
| [Network0] | Default value | Usable Characters | Description |

| 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 |
| | | | Outhound moury name on ID. Specific next can b |

SIP Oubound Proxy

Outbound proxy name or IP. Specific port can be defined. i.e. abpusa.com:5080



2.2.7 SMS

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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)

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| Address a http://192.168.0.5:8080/sys.html | 💌 🄁 Go |
| Main Page Configuration System setup | |
| System Setup | |
| Bootrom Version | |
| • ver 1.0.2 | 11 |
| Setup | |
| • Load & Upgrade • System • WebServer Stop | |
| Reboot & Upgrade Nowl | |
| 🙆 Done 🧶 🔮 Internet | |

(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.

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| Address 🗿 http://192.168.0.5:8080/load.html | ✓ 🔁 😡 | |
| Main Page Configuration System setup | ^ | |
| Load & Upgrade | | |
| Load Option | | |
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