

IP Media Phone VP-2009

User Manual



Tables of Contents

Tables of Contents	3
1. Notices	7
2. Package List.....	11
3. Production Instruction	12
3.1 Product Appearance	12
3.2 Function Description.....	13
3.3 Specification	14
4. Installation.....	15
4.1 Interface	15
4.2 Hardware Connection.....	15
5. Basic Operation.....	16
5.1 Keypad.....	16
5.2 LCD Icon Instruction	17
5.3 Contact.....	18
5.3.1 Quickly Find	18
5.3.2 Exact Search.....	19
5.3.3 Add Contact	19
5.3.4 Edit Contact XXX.....	19
5.3.5 Delete Contact—XXX	20
5.3.6 Empty Phonebook	20
5.3.7 Add Group.....	20
5.3.8 Edit Group—XXX	20

- 5.3.9 Delete Group—XXX..... 21
- 5.3.10 Group Ring..... 21
- 5.4 Call Settings..... 21
 - 5.4.1 Call Methods 21
 - 5.4.2 Phone Call..... 22
 - 5.4.3 Answer a call..... 24
 - 5.4.4 Refuse a call 24
- 5.5 Operation during the call..... 24
 - 5.5.1 Audio/Video Operation 24
 - 5.5.2 Mute 25
 - 5.5.3 Call Hold 25
- 5.6 Call List..... 25
 - 5.6.1 Enter the Call List page..... 25
 - 5.6.2 Check the details 25
 - 5.6.3 Call Back..... 25
 - 5.6.4 Save to Contact 25
 - 5.6.5 Delete the Record..... 26
- 5.7 E-Photo 26
 - 5.7.1 Play 26
 - 5.7.2 Manage..... 26
- 5.8 Web Browser 27
- 5.9 Media Player 27
- 5.10 Message..... 27

6. Phone Operation	29
6.1 Configuration	29
6.1.1 System Status	29
6.1.2 Desktop Settings.....	30
6.1.3 Phone Settings	30
6.1.4 Tones and Volume	31
6.1.5 Date and Time	31
6.1.6 Alarm	32
6.1.7 Security	32
6.1.8 Call Setting.....	34
6.2 Advanced Settings.....	36
6.2.1 Account Setting.....	37
6.2.2 WAN (Internet Port)	37
6.2.3 LAN (PC Port)	38
6.2.4 Servers.....	38
6.2.5 Browser	39
6.2.6 Call Settings	39
6.2.7 Update Application	40
6.2.8 Style Setting	41
6.2.9 Reset to Factory.....	41
6.2.10 Update Configuration Files	41
7. Configuration	42
7.1 Log in the Webpage	42
7.2 Network Configuration	43

7.2.1	WAN Configuration.....	43
7.2.2	LAN Configuration	44
7.3	Account.....	45
7.3.1	Account Configuration.....	45
7.3.2	Voice Configuration.....	46
7.3.3	Advanced	47
7.4	Status.....	48
7.5	Phone Configuration	48
7.6	Contact Configuration.....	49
7.7	Upgrade Configuration.....	49
7.8	Security Configuration.....	50
FAQ	51

1. Notices



Basic Notices:

- Read the user manual carefully before the installation and usage of the device.
- During the storage, shipment and usage, please strictly avoid the water and fierce collision.
- Do not dismantle the device without any reference, please contact the after-sale services for maintenance when it doesn't work normally.
- Nobody is allowed to change the structural and safety design without any permission. Otherwise all the consequences arising therefore is at his own risk
- This product is on environmental protection and personal safety of the design requirements, storage, usage and disposal of the device should comply with the product manuals, the relevant contracts or related laws and regulations as required.



Safety Notices:

- Before usage, make sure the input voltage power supply meets the demand.
- Do not let children use the facilities to prevent dangerous.
- Device can only be used indoors to prevent rain, lightning and sunlight. When liquid flows into the device by accident, users should immediately power it off to prevent fire or electric shock.
- Do not share the same power supply line with the other high-power equipment and electrical appliances (such as air conditioners, microwave ovens, etc.). Do not connect the equipments to the same AC power socket board.
- please stop using the equipment and make sure the power is switched off before plug on/off cable equipment, and keep hands dry when plug in/out the cable equipments.
- Do not use damaged or aging power lines, do not dismantle or repair the power lines.
- Please keep the power line away from the local heat source.
- Please do not put any weight on device.
- If there is any abnormal phenomena, such as smoke, smell etc, please stop using the device immediately, power off and contact professional maintenance staff.
- When the equipment is not be used for a long time, plug out the power plug.



Maintenance Notices:

- The device should be placed in airy, dry, non-glare environment, keep the equipment away from rain and humidity, do not place vases, cups or other water containers on the device.
- Please Place the equipment on the smooth station where children can not reach. Do not put any heavy things on the device.
- Please keep cooling space wider than 10cm.
- Please keep the device away from the strong magnetic field or a strong electric field of electrical appliances (such as microwave ovens, refrigerators, etc).
- Please do not put the device in the sealed place to prevent high temperature damage.
- Please keep device clean and avoid dust pollution.



Clean Notices:

- Please stop using the device and disconnect the power plug before clean.
- Use soft, dry cloth to wipe device shell when cleaning.
- No liquid to the equipment when cleaning to avoid damage.
- Keep power plug clean and dry to avoid electric shock or other dangerous.

2. Package List

Please check the items in the box in accordance with the packing list, if parts are missing or damaged, promptly contact your dealer.

Item	Number
VP-2009	1
Handset	1
Telephone Cable	1
Internet Cable	1
Power Adapter	1
User Manual	1

3. Production Instruction

3.1 Product Appearance

IP Media Phone VP-2009, showed as Picture 3-1.



Picture 3-1

3.2 Function Description

VP-2009 is an innovative IP media phone equipped with the most advanced video compression technology. The H.264 based IP media phone offers unrivalled superb voice and picture quality, innovative functional richness, friendly user interface, stylish and elegant design, enhancing the instant, face-to-face communication experience even at low bandwidth.

Meanwhile it supports IPTV, VoD, media player, browser, Message, Digital Photo Frame, IM which make it not only a video phone but also a media phone for entertainment. It is definitely ideal for multimedia communication, virtual office and all IP video conversation for business or home users.

3.3 Specification

VP-2009's specification showed as Table 3-1.

Item	Instruction
Video Features	LCD: 7 inch large TFT color screen, 480*234 pixels; Camera: adjustable 300K pixels CMOS sensor; Video Codecs: H.264, H.263; Support H.264、 H.263 video conversation.
Internet Features	Support SIP 2.0, NAT transverse: STUN mode; IP address assignment: Static IP /DHCP/PPPoE; In-band DTMF and out-of-band DTMF.
Telephone Features	Voice Codecs: PCMA、 PCMU、 G.723、 G.729 etc; Call hold, Speak phone, Speed Dial, Mute, etc; Touch screen; Caller ID.
Value-added Features	Browser; Digital Photo Frame; Media Player; Message.
Hardware Features	Voltage: 5 V DC; Maximum Power Consumption: 15 W; Input voltage (AC adapter): 100~240V, 650mA; Dimension: 284×190×43 mm; Weight: 2.5 kg.

Table 3-1

4. Installation

4.1 Interface

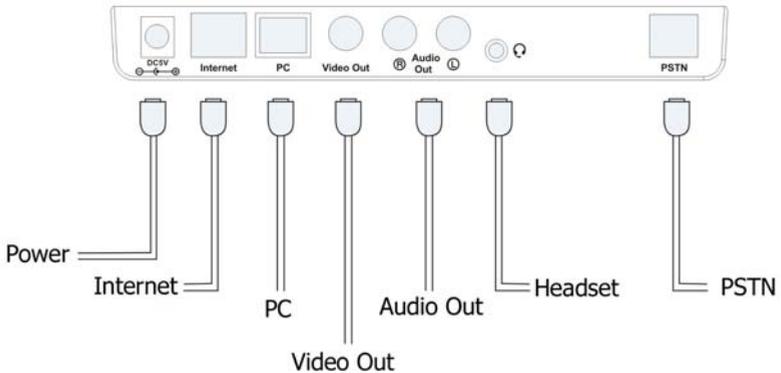
VP-2009's interface instruction showed as Table 4-1.

Interface	Instruction
USB port	2, connect to USB Mouse, flash memory, etc.
WAN Port	10/100 Mbps RJ-45 Ethernet Connector
LAN Port	10/100 Mbps RJ-45 PC Connector
A/V Out Port	Connect to external device such as TV screen
Mic Port	2.5 mm Headset Port
Power Adapter Port	5V DC

Table 4-1

4.2 Hardware Connection

VP-2009's back view, showed as Picture 4-1.

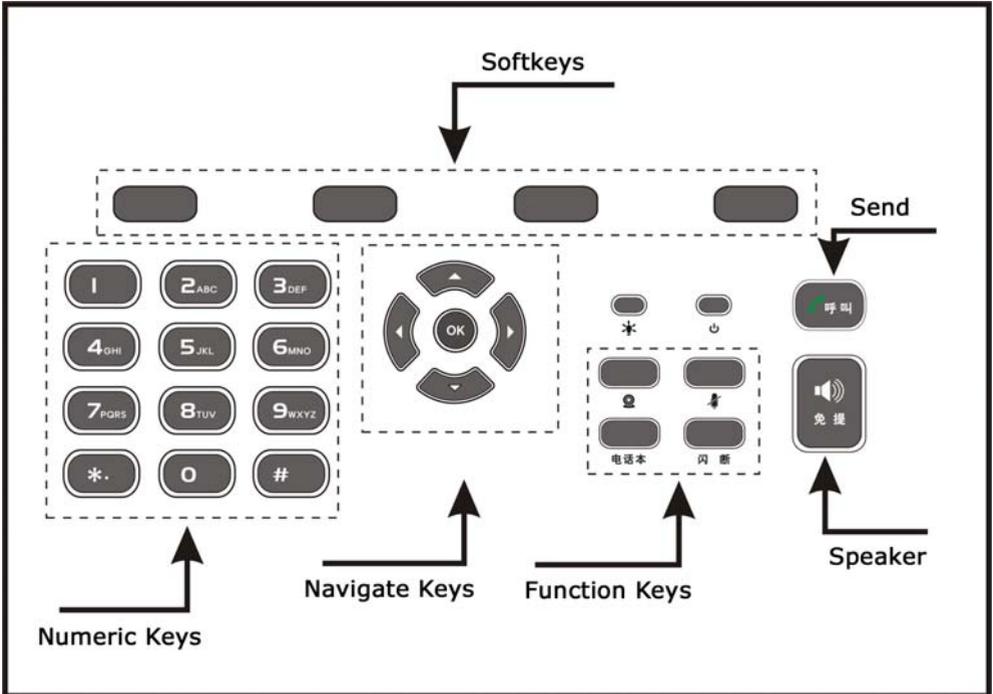


Picture 4-1

5. Basic Operation

5.1 Keypad

VP-2009's keypad, showed as Picture 5-1.



Picture 5-1

5.2 LCD Icon Instruction

VP-2009's Icons instruction showed as Table 5-1.

Icon	Instruction
	Registration Status: Successful
	Registration Status: Failed
	Network Status: Available
	Network Status: Unavailable
	Network Status: Limited
	PSTN
	Out-coming Calls
	In-coming Calls
	Flash when there is missing calls
	In Handset Status
	In Speaker Status
	Alarm set
	USB flash device detected

Table 5-1

5.3 Contact

In the desktop status, Press <Phone book> to enter "Contact" page, press <F3> to pop up the "More" frame, showed as Picture 5-2.



Picture 5-2

5.3.1 Quickly Find

Quickly find the contact by the following steps:

1. In the "More" frame, press up/down button to choose "Quickly Find" option, press OK, then the "Quickly Find" dialog will showed in the bottom of the LCD.
2. Enter the contact name, for example "David", then the screen will show all the contacts whose name begins with "David".
3. Press <F4> button to get back to Contact page.



Note:

Users can click the digital key to switch the input methods. For example, according to the number 2 button, click this button once, you can enter the number 2. Click it again, it will change to a, followed by b, c and @ in order; Press <F3> key, you can delete the input letters or numbers.

5.3.2 Exact Search

Do the exact search by the following steps:

1. In the "More" frame, press Up/Down buttons to choose "Exact Search" option, press <OK>, then "Accurate Find" Dialog will pop up.
2. Enter the find name information into the "Accurate Find" dialog, for example "David Lee", press <OK>, then the screen will show the details of the first contact whose name match with "David Lee".

5.3.3 Add Contact

Users can add a contact and edit the name and the phone numbers. After adding the contact, users can call this contact directly through "Contact List".

Add the contact by the following steps:

1. Enter the Contact page.
 - In the Desktop status, press <Phone book> to enter the Contact page.
 - In the "Contact" page, press <F3> to pop up the "More" Frame, Press Up/Down Button to choose the "Add Contact" option, Then press <OK> to enter.



Note:

Every contact can have up to 4 phone numbers and 1 Email address.

2. Press Up/Down Button to choose different options, in the "Ring" and "Group" options, press <OK> to pop up the "Select List" Frame, press Up/Down buttons to choose different options, press <OK> to confirm.
3. After edition, press <F1> to save the changes and get back to the previous page.

5.3.4 Edit Contact XXX

XXX is the current cursor location of the contact's name.

In "More" Frame, press Up/Down buttons to choose the "Edit Contact-XXX" option,

press <OK> to get into the Edit Page, users can do the configuration as " 5.3.3 Add Contact".

5.3.5 Delete Contact—XXX

After deleting the contact, its phone numbers and email will be deleted at the same time.

Delete the contact by the following steps:

1. In "More" Frame, press Up/Down buttons to choose the "Delete Contact-XXX" option, press <OK> to pop up the dialog reminds "Delete the contact?" .
2. Click <Yes> to confirm the operation, click <No> to cancel the operation.

5.3.6 Empty Phonebook

1. In "More" Frame, press Up/Down buttons to choose the "Empty Phonebook" option, press <OK> to pop up the dialog reminds "Delete all contacts?".
2. Click<Yes>to confirm the operation, click <No> to cancel the operation.

5.3.7 Add Group

Add group by the following steps:

1. In "More" Frame, press Up/Down buttons to choose the "Add Group" option, press <OK> to pop up the "New Group" dialog.
2. Enter the new group's name. Press <OK> to save the changes and exit.
3. Press Left/Right button to check the new group in the Contact page.

5.3.8 Edit Group—XXX

XXX is the current cursor location of the group's name.



Attention:

Can not modify key groups: the "blacklist" and "not specified".

Edit the group by the following steps:

1. In "More" Frame, press Up/Down buttons to choose the "Rename Group-XXX" option, press <OK> to pop up the "Edit Group" dialog.
2. After the edition, press <OK> to save the changes and exit.

5.3.9 Delete Group—XXX



Attention:

Can not modify key groups: the "blacklist" and "not specified".

Delete the group by the following steps:

1. In "More" Frame, press Up/Down buttons to choose the "Delete Group-XXX" option, press <OK> to pop up the relating dialog "Delete the group?".
2. Click <Yes> to confirm the operation, click <No> to cancel the operation.

5.3.10 Group Ring

Edit the group ring by the following steps:

1. In "More" Frame, press Up/Down buttons to choose the "Group Ring" option, press <OK> to pop up the "Select List" dialog.
2. Press Up/Down buttons to choose the preferred ring tone, press <OK> to save the changes.

5.4 Call Settings

5.4.1 Call Methods

VP-2009 has three types of call:

- IP Video Call: During the conversation, users can see the video of both side and hear the voice.
- IP Voice Call: During the conversation, users can only hear the voice.
- PSTN Call: Users can make PSTN calls even when it is power off or the network is unavailable

5.4.2 Phone Call

5.4.2.1 Direct Call

Make a phone call directly when the account is registered by the following steps:

1. Pick up the handset or press the <Speaker> button;
2. Enter the phone number you want to dial;
3. Start the call;
 - Press <F1> to make a SIP video call;
 - Press <F2> to make a SIP voice call ;
 - Press <F3> to make a PSTN call.

If the account is registered, when <F2> is pressed, the call will be made according to the settings of “6.13 Phone Settings”, if the Default Call Method is set as Video (IP) and Audio (IP), it will be IP call; If the Default Call Method is PSTN, it will be PSTN call;

- Press <OK> to call out in the default call method. For more details, please refer to “6.1.3 Phone Settings”.

Make a phone call when it is power off or PSTN mode without internet connection by the following steps:

1. Pick up the handset;
2. Enter the phone number you want to dial;
3. Start the call;



Attention:

All the applications below are handled in the power off status.

5.4.2.2 Redial Call

Redial from the “Dialed List” by the following steps:

1. Press the Up button to enter the “Dialed List” page.

2. Press Up/Down Button to choose the phone number;
3. Start the call;
 - Press <F1> to make a video call;
 - Press <F2> to start a voice call or a PSTN call;
 - Press <OK> to make a call in the default call method. Please refer to “6.1.3 Phone Settings” for more details.

Redial the last phone number that called out by the following steps:

1. Pick up the handset or press the <Speaker> button.
2. Press the <呼叫> button to call out.

5.4.2.3 Speed Dial

Use the speed dial by the following steps:

1. Configure the speed dial number first, please refer to “6.1.8” for more details;
2. Pick up the handset or press the <Speaker> button, press the speed dial number to make a call out directly.

5.4.2.4 Make a call through Call List

Make a call through Call List by the following steps:

1. Press <F1> to enter the Call List page;
2. Press Left/Right to choose the groups;
3. Press Up/Down to choose the phone number;
4. Start the call;
 - Press <F1> to make a video call;
 - Press <F2> to start a voice call or a PSTN call;
 - Press <OK> button to call out in the default call method. For more details, please refer to “6.1.3 Phone Settings”.

5.4.2.5 Make a call through Contact List

Make a call through Contact List by the following steps:

1. Press <Phone Book> to enter the “Contact” page;
2. Press Left/Right to choose the group;
3. Press Up/Down to choose the phone number;
4. Start the call;
 - Press <F1> to make a video call;
 - Press <F2> to start a voice call or a PSTN call;
 - Press <OK> to call out in the default call method. For more details, please refer to “6.1.3 Phone Settings”.



Note:

When the contact has more than one phone number, a “Phone Number Select” frame will pop up in the screen, press Up/Down button to choose the phone number, press the relating soft function keys to choose the call method or just press “OK” to call out with the default method.

5.4.3 Answer a call

When there is a call comes in, pick up the handset or press the <Speaker> button to answer it.

5.4.4 Refuse a call

When there is a call comes in, press <Refuse> to refuse the call.

5.5 Operation during the call

5.5.1 Audio/Video Operation

There are several ways to operate the audio/video conversation:

- Shift between audio and video: During a call, press <F1> to shift between video call and audio call;

- Close local video: press <F4> to close the local video, press this button again to reopen the local video;

5.5.2 Mute

During a conversation, press < >, users can hear the voice from the other side, but the other side can not. Press < > again to resume the conversation.

5.5.3 Call Hold

During a conversation, press <OK> button, the call will be put on hold; press it again to resume the conversation.

5.6 Call List

Call List is grouped by All Call, Dialed, Missed and Received calls. The All Call group can store up to 300 records, while the others can store up to 100 records.

5.6.1 Enter the Call List page

In Desktop status, press <F1> to enter the Call List page.



Note:

The Call List is ordered by time.

5.6.2 Check the details

1. In Call List page, press Left/Right button to choose the group;
2. Press Up/Down button to check the details.

5.6.3 Call Back

Please refer to “5.4.2.4” for more details.

5.6.4 Save to Contact

Save the phone numbers in the Call List to Contact by the following steps:

1. In the Call List page, press Up/Down to choose the number;
2. Press <Ok> to enter the edit page, please refer to “5.3.3 Add Contact” for more details.

5.6.5 Delete the Record

Delete the record from the Call List by the following steps:

1. In the Call List page, press Up/Down button to choose a record;
2. Press <F3> to delete the record;
3. “Delete Records” Dialog will pop up, by the Up/Down button, users can choose to “Delete the record of ××” or “Delete all records”. Press <OK> to confirm the changes, press <ESC> to cancel.

5.7 E-Photo

In the Desktop status, press <F2> to enter the E-Photo frame, press <Exit> to exit.



Note:

If there is USB flash device plugged into the USB Port, when <OK> button is pressed users review the pictures stored in the USB flash device; Or users will review pictures stored in the device.

5.7.1 Play

In the “E-Photo” page, press Left/Right to choose the “Play” option, press <OK>, the screen will auto-play the photos until you click any key to exit.

5.7.2 Manage

1. Press Left/Right to choose <Manage>, press <OK> to get into the page;
2. Press <Up>/ <Down> to review the pictures.
 - <Preview>: To preview the selected picture.
 - <Delete>: To delete the selected picture. Click this button, it will pop up a warning frame,

asking whether to delete it. Click <OK> to delete, click <Esc> to cancel and return to the e-Photo Manage frame.

- <USB >: To import pictures from USB storage equipment.
- <Exit>: Exit from e-Photo Manager frame, return to E-Photo frame. If there is USB flash device plugged into the USB Port, the pictures stored in the USB flash device will be listed when <F3> button is pressed; Press <F1> to review, <F2> to import, <F3> to delete.

5.8 Web Browser

Operate the Web Browser by the following steps:

1. In Desktop status, press <F4>to enter the “Information” page;
2. Press Left/Right button to choose the websites;
3. Press <OK> to enter the operate page.

5.9 Media Player

The device supports encoder is H.264, MPEG-4, and the media files in MP3, MP4 or AVI format, please follow the steps:

1. Save the media files in the root of the USB flash device, and then plug the USB device into the USB port, after being detected, a small icon  will showed in the upper right corner;
2. Press<F3> to enter the “Menu” page;
3. Press Left/Right to choose the “Player” option, press <OK>, and Up/Down to choose the media file to play;
- 4 Press <F1> to play, <F2> to stop, Left/Right to adjust the volume. During the play, press <F1> to shift between Pause and Play.

5.10 Message

View the messages by the following steps:

1. In Desktop status, press <F3>to enter the Menu page.
2. Press Left/Right to choose the “Message” option, press <OK> to enter the Inbox page.

3. Press Up/Down to view the messages in the inbox.

- Click <Details> to view the detail of the selected message.
- Click <Delete> to delete the selected message.
- Click < Delete All>to delete all the messages in the inbox.
- Click <Exit> to return to “Menu” page.

6. Phone Operation

6.1 Configuration

In Desktop status, click <Menu> and <Setting> to enter “Setting” page, showed as Table 6-1.

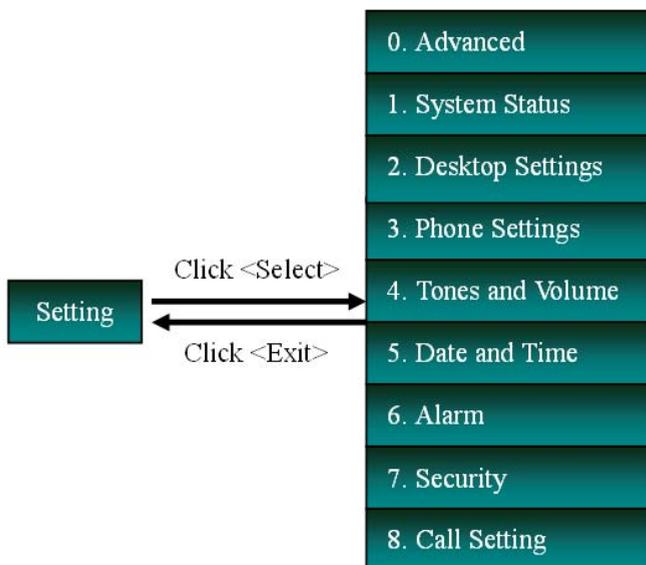


Table 6-1

6.1.1 System Status

1. In “Setting” page, press Up/Down keys to select “System Status” option;
2. Press <OK> to enter the page where users can check the information about Software Version, Hardware Version, MAC Address, Link Status, WAN Port Type and IP Address.
 - Press <F1> to view the version detail.
 - Press <F2> to review the update log.
 - Press <Exit> to return to the “Setting” page.

6.1.2 Desktop Settings

Configure Desktop Settings by the following steps:

1. In the “Setting” page, press Up/Down button to choose “Desktop Settings” option, press <OK> button to enter the configuration page;
2. The details of configuration:
 - (1) Press Up/Down button to choose the “Screen Saver” option;
 - (2) press <OK> button to pop up the pull-down menu;
 - (3) press Up/Down button to choose the time;
 - (4) Press <OK> to save the changes.



Note:

The setting of option “Sleep” and “Wallpaper” is the same as “Screen Saver”.

3. Press <F1> to save the changes, and get back to “Settings” page.
4. Press <F2> to get into “Wallpaper Manage” page, users can preview, delete, and import the pictures. Please check 5.7.2 for more details.

6.1.3 Phone Settings

Phone Settings includes the following parameters:

- Display Name: Device Name;
- Language: English, Simplified Chinese, Turkish, Korean and Russian;
- Output Mode: LCD and TV;
- Output Style: NTSC and PAL. When the Output Mode is TV, this option is available;
- Call Option: PSTN, Audio (IP) and Video (IP).
- Local Video: Open or Close.

Configure the Phone Settings by the following steps:

1. In "Setting" page, press Up/Down button to choose "Phone Settings"; press <OK> to enter;
 - Display Name: Press Up/Down button to choose and input "Display Name".
 - Language: Press Up/Down button to choose "Language" option, press <OK> to pop up the pull-down menu, press Up/Down to choose the language; press <OK> to confirm the change;
 - Call Option: Press Up/Down button to choose "Call Option", press <OK> to pop up the pull-down menu, choose audio or video call as default call mode;
 2. Press <F1> button to save the changes and get back to the "Settings" page.
-



Note:

When the information of an incoming call is not recoded in the Contact List, its phone name and number will show in the LCD.

6.1.4 Tones and Volume

Configure Tones and Volume parameters by the following steps:

1. In "Settings" page, press Up/Down button to choose "Tones and Volume" option, press <OK> to enter;
2. The details of configuration:
 - Ring Tone: Press Up/Down button to choose the "Tone" option, press <OK> button to pop up the pull-down menu, press Up/Down button to choose the ring tone; press <OK> to confirm the selection;
 - Volume: press Up/Down button to choose "Volume" option, press Left/Right button to adjust the volume;
3. Press <F2> to pre-listen the ring tone.
4. Press <F1> to save the changes, and get back to "Settings" page.

6.1.5 Date and Time

Configure Date and Time by the following steps: \

1. In "Settings" page, press Up/Down button to choose "Date and Time" option, press <OK> button to enter the configuration page.
 2. Configurations:
 - (1) Press Up/Down button to choose the "Date and Time" option;
 - (2) Press <OK> button to pop up the pull-down menu, press Up/Down to choose the Time Zone; Press <OK> button to save the changes; users can press Left/Right button choose the option directly;
 3. Press <F1> to save the changes, and get back to "Settings" page.
-



Note:

You can follow the above steps to set Date Format and Time Format. Time Server?

6.1.6 Alarm

1. In "Setting" page, press Up/Down button to choose "Alarm" option, press <OK> to enter configuration page;
2. Press <OK> to enable alarm;
3. Press Up/Down button to choose and set the time;
4. Press Up/Down button to choose the "Tone" option, press <OK> button to pop up the pull-down menu, press Up/Down to choose the prefer ring tone; Press <OK> button to save the changes; Users can press Left/Right button choose the option directly;
5. Press Up/Down button to choose "Volume" option, press Left/Right button to adjust the volume.
6. Press <F1> to save the changes, and get back to "Settings" page.

6.1.7 Security

Configure Security by the following steps:

1. In "Setting" page, press Up/Down button to choose "Security" option;
2. Press <OK> to enter configuration page;

6.1.7.1 Change Web Password



Attention:

This page is only able to change the password of "User", the default password is user.

Change the Web Password by the following steps:

1. In "Security" page, press Up/Down button to choose "Web Password" option, press <OK> to enter configuration page;
2. Press Up/Down button, choose and fill in the "Old Password", "New Password" and "Re-enter" blacks.
3. Press <F1> to save the changes, and get back to "Security" page.

6.1.7.2 Change Telnet Password

Change the Telnet Password by the following steps:

1. In "Security" page, press Up/Down button to choose "Telnet Password" option, press <OK> to enter configuration page;
2. Press Up/Down button, choose and fill in the "New Password" and "Re-enter" blacks.
3. Press <F1>to save the changes, and get back to "Security" page.

6.1.7.3 Change Admin Password



Attention:

The default password of Advanced is 123.

Change the Advanced Password by the following steps:

1. In "Security" page, press Up/Down button to choose "Advanced Password" option, press <OK> to enter configuration page;
2. Press Up/Down button, choose and fill in the "Old Password", "New Password" and "Re-enter" blacks.
3. Press <F1> to save the change, and get back to "Security" page.

6.1.8 Call Setting

Configure Call setting by the following steps:

1. In "Setting" page, press Up/Down button to choose "Call Setting" option;
2. Press <OK> to enter configuration page;

6.1.8.1 Speed Dial

Instruction about Speed Dial:

1. Set speed dial for the phone numbers which are called out in frequency, when the speed dial number dialed meets the rule of entry, the corresponding phone number will be sent out.
2. For example, set "1" as the speed dial number of "114", when "1" is dialed, "114" will be sent out.

Configure Speed Dial by the following steps:

1. In "Setting" page, press Up/Down button to choose "Call Setting" option, press <OK> to enter configuration page;
2. Press Up/Down button to choose "Speed Dial" option, press <OK> to enter;
3. Press <F1> to add speed dial number, it will pop up the "Add Dial" frame, enter "Prefix" and "Replace" parameters, and press <F1> or click <OK> to save the changes;
4. In the speed dial list, press Up/Down button to choose the Speed Dial record, press <F2> to edit the record, <F3> to delete the record, <F4> to return to the call setting page.

6.1.8.2 Dial Plan

Instruction about Dial Plan:

1. Set the Dial Plan in the same way of making a long-distance call; if the number dialed matches the entry rules, it will add the configured corresponding numbers in front and dial out automatically.
2. For example, set the "Prefix" as 010, "Replace" as 65, all the number which starts with 65 will be added the prefix 010.

Configure Speed Dial by the following steps:

1. In "Setting" page, press Up/Down button to choose "Call Setting" option, press <OK> to enter configuration page;
2. Press Up/Down button to choose "Dial Plan" option, press <OK> to enter;
3. Press <F1> to add speed dial number, it will pop up the "Add Dial" frame, enter "Prefix" and "Replace" parameters, and press <F1> or click <OK> to save the changes;
4. In the dial plan list, press Up/Down button to choose the dial plan record, press <F2> to edit the record, press <F3> to delete the record, and press <F4> to return to the call setting page.

6.1.8.3 Auto Answer

Configure Auto Answer by the following steps:

1. In "Call Setting" page, press Up/Down button to choose "Auto Answer" option, press <OK> to enter configuration page;
2. Press <OK> to enable/disable auto answer; if auto answer is enabled, users can choose different type. Press <OK> to pop up the pull-down menu, choose the type by pressing Up/Down button, press <OK> to confirm the change.
3. Press <F1> to save and get to the "Setting" page.



Attention:

If the Auto Answer is enabled by the called party, when a new call is coming, the device will auto answer the call after the specific period which is set in the type.

6.1.8.4 Call Waiting

Configure Call Waiting by the following steps:

1. In "Call Setting" page, press Up/Down button to choose "Call Waiting" option, press <OK> to enter configuration page;
 2. Press <OK> to enable/disable Call Waiting function;
 3. Press <F1> to save and get back to the "Call Setting" page.
-



Attention:

If the Call Waiting is enabled by the called party, when a new call is coming in, the device will sound a "Du...", then the LCD indicates the new coming call, the caller will hear the ring back tone.

6.1.8.5 Forward Setting

Configure call forward by the following steps:

1. In "Call Setting" page, press Up/Down button to choose "Forward Setting" option, press <OK> to enter configuration page;
2. Press Up/Down button to choose a forward type: Disable, Always Forward, Busy Forward or No Answer Forward.
3. If you choose "No Answer Forward", you should also set the no answer times.
4. Press <F1> to save and get back to the "Setting" page.

6.2 Advanced Settings

In the Desktop status, press <F3> to get into the "Menu" page, then press <OK> to get into "Setting" page. Press <OK> to pop up the "Admin Password"

frame, enter the password and press <OK> to get into the “Advanced” page, shown as Picture 6.2.

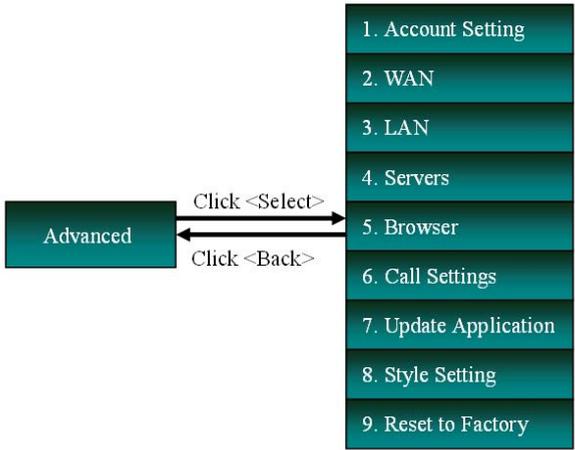


Table 6-2

6.2.1 Account Setting

Configure Account Setting by the following steps:

1. In “Advanced” page, press Up/Down button to choose “Account Setting” option, press <OK> to enter configuration page;
2. Press <OK> to enable line;
3. Press Up/Down to choose and fill in different options.



Attention:

Please contact your ISP for exact information.

6.2.2 WAN (Internet Port)

Configure WAN by the following steps:

1. In “Advanced” page, press Up/Down button to choose “WAN” option, press

- <OK> to enter configuration page;
2. Press <OK> to pop up the pull-down menu, press Up/Down button to choose the proper IP assignment type, press <OK> to save the changes.
 3. Configure the corresponding parameters according to the different IP assignment methods.
 - Choose "DHCP". Press <F1> to save the changes;
 - Choose "PPPoE", press Up/Down button to configure the corresponding "User Name" and "Password". Press <F1> to save the changes.
 - Choose "Static IP", press Up/Down button to choose and configure "IP Address" ~ "DNS2", press <F1> to save the changes.

6.2.3 LAN (PC Port)

There are two methods: Bridge and Router.

Configure LAN by the following steps:

1. In "Advanced" page, press Up/Down button to choose "LAN" option, press <OK> to enter configuration page;
2. Press Up/Down button to choose and configure the relating information, press <OK> to save the changes.
3. Press <F1> to save the changes and get back to the previous page.

6.2.4 Servers

Configure Servers by the following steps:

1. In "Advanced" page, press Up/Down button to choose "Servers" option, press <OK> to enter configuration page;
2. Configure the "Info Server", "Business Server", "File Server" and "IPTV Server" options. Please contact your ISP for exact information.
3. Press <F1> to save the changes and get back to the previous page.

6.2.5 Browser

Configure Browser by the following steps:

1. In “Advanced” page, press Up/Down button to choose “Browser” option, press <OK> to enter configuration page;
2. Enter the website address as “Homepage”;
3. Press <F1> to save the changes and get back to the previous page.
4. In the “Menu” page choose “Browser”, press <OK> to get into the homepage set before.

6.2.6 Call Settings

6.2.6.1 Bandwidth and Frame Rate

Configure Bandwidth by the following steps:

1. In “Call Settings” page, press Up/Down button to choose “Bandwidth and Frame Rate” option, press <OK> to enter configuration page;
2. Press Up/Down button to choose “Bandwidth” option , press <OK> to pop up the pull-down menu, choose the proper bandwidth, press <OK> to confirm the change.
3. Follow the above steps to set the “Frame Rate” option.
4. Press <F1> to save the changes and get back to the previous page.

6.2.6.2 Audio Codes Priority

The device supports 7 kinds of voice codecs, when there are more than one codec chosen, the priorities will be ordered by descending order.

Configure Audio by the following steps:

1. In “Call Settings” page, press Up/Down button to choose “Audio Codes Priority” option, press <OK> to enter configuration page;
2. In the Disable/Enable Codecs List, choose the codecs by Left/Right button, press <OK> to disable/enable the chosen codec.

3. In the Enable Codecs List, press Up/Down button to choose the codec, and then press <F2> and <F3> to make the priority higher or lower respectively.
4. Press <F1> to save the changes and get back to the previous page.

6.2.6.3 Video Codes Priority

VP-2009 supports 3 kinds of video codecs, when there are more than one codec chosen, the priorities will be ordered by descending order.

Configure Video by the following steps:

1. In "Call Settings" page, press Up/Down button to choose "Video Codecs Priority" option, press <OK> to enter configuration page;
2. In the Disable/Enable Codecs List, choose the codecs by Left/Right button, press <OK> to disable/enable the chosen codec.
3. In the Enable Codecs List, press Up/Down button to choose the codec, and then press <F2> and <F3> to make the priority higher or lower respectively.
4. Press <F1> to save the changes and get back to the previous page.

6.2.7 Update Application

VP-2009 supports 3 update methods: manual update, Boot Update and Time update.

Configure Update by the following steps:

1. In "Advanced" page, press Up/Down button to choose "Update Application" option, press <OK> to enter configuration page;
2. Press Up/Down button to choose the proper option, press <OK> to confirm the change.
3. Press Up/Down button to choose and fill in "Update Server".
4. Press <F1> to save the changes, press <F2> to update immediately.

6.2.8 Style Setting

Users can change the color of background and label in the Desktop, Configure the Style Setting by the following steps:

1. In "Advanced" page, press Up/Down button to choose "Style Setting" option, press <OK> to enter configuration page;
2. Configure the RGB parameters, and then press <OK> to confirm the changes, press <ESC> to cancel.
3. Get back to the Desktop to check the changes.

6.2.9 Reset to Factory

Configure Reset to Factory by the following steps:

1. In "Advanced" page, press Up/Down button to choose "Reset to Factory" option, press <OK> to enter configuration page.
2. It will pop up a warning frame asking you whether to reset to factory settings. Click <OK> to confirm the changes, click <ESC> to cancel.

6.2.10 Update Configuration Files

Please check the "6.2.7 Update Application".

7. Configuration

7.1 Log in the Webpage

Configure Reset to Factory by the following steps:

1. Please connect VP-2009 and PC to the same router/switch, or connect PC to VP-2009's PC port. In the VP-2009's Advanced Setting-> LAN, configure LAN port as Bridge mode.
2. Configure PC's IP address assignment method as "DHCP", and restart PC.
3. Open the browser in PC, enter VP-2009's IP address, for example <http://192.168.5.92>, press Enter button, the log in dialog will showed as Picture 7-1.



Picture 7-1

4. Enter user name and password, and press <OK> button.
 - The account can be admin or user.
 - The user name and password of admin are both admin by default.
 - The user name and password of user are both user by default.

7.2 Network Configuration

7.2.1 WAN Configuration

In the webpage, select Network->WAN Port, showed as Picture 7-2.

The screenshot shows the 'Network' configuration page for 'WAN Port'. The 'Obtain an IP Address Automatically' option is selected. The 'Use the Following IP Address' section contains the following values: IP Address: 192.168.0.247, Subnet Mask: 255.255.240.0, Default Gateway: 192.168.0.3, Primary DNS: 202.101.103.55, and Secondary DNS: 211.97.104.129. The 'Behind xDSL Modem (PPPoE)' section has empty fields for 'User' and 'Password'. A 'NOTE' section on the right provides instructions for each option.

Picture 7-2

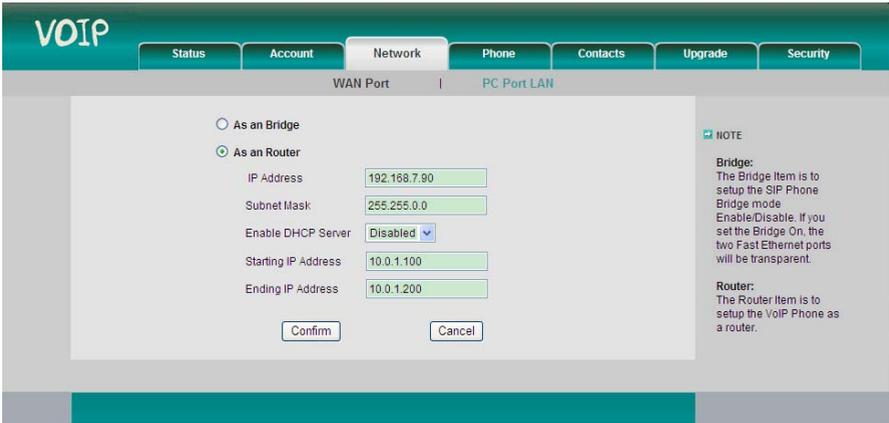
Please check Table 7-1 for more information about WAN configuration instruction.

Parameters	Instruction
Obtain an IP Address Automatically	The phone will get the IP address from DHCP Server
Static IP Address (Use the Following IP Address)	The users need to configure the IP address, gateway, submask, DNS, etc.
xDSL(PPPoE)	the users need to configure the user name and password.

Table 7-1 WAN Parameters Instruction

7.2.2 LAN Configuration

In the webpage, select Network->PC port LAN, showed as Picture 7-3



Picture 7-3

Please check Table 7-2 for more information about LAN configuration instruction.

Parameters	Instruction
Bridge	VP-2009 will be used as a switch
Router	VP-2009 will be used as a router
LAN IP Address	Users need to configure the LAN IP address
DHCP Server	the device connect to LAN Port will automatically get the IP address, and the range is between Start IP Address and End IP Address

Table 7-2

7.3 Account

7.3.1 Account Configuration

In the webpage, select Account->Account, showed as Picture 7-4.

Picture 7-4

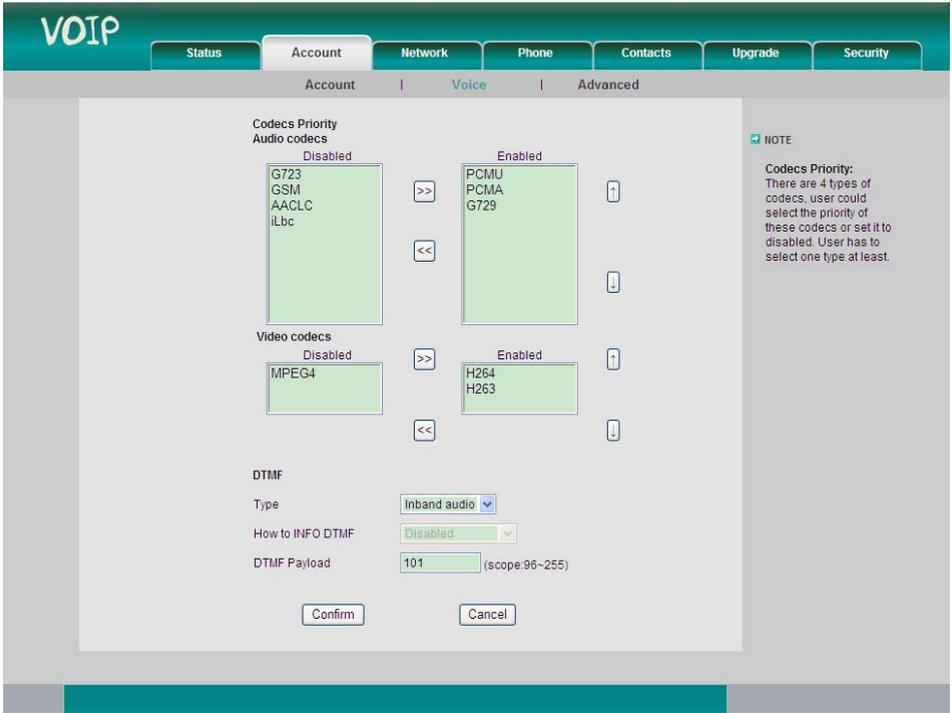
Please check Table 7-3 for more information about Account configuration.

Parameters	Instruction
Display Name	Shown as Caller ID
User Name	Provided by users' SP
Register Name	ID verify when registering
Password	The password for the account
SIP Server	SIP server's IP address or real domain name, provided by ISP.
Port	the port of SIP Server, 5060 by default
Enable Outbound Proxy Server	Please consult SP whether the Outbound Server is enable or not
Outbound Proxy Server	Outbound server's IP address or real domain name, provided by ISP.
Port	the port of Outbound Server, 5060 by default
NAT Traversal	Please consult SP whether the NAT Server is enable or not

Table 7-3

7.3.2 Voice Configuration

In the webpage, select Account->Voice, showed as Picture 7-5.



Picture 7-5

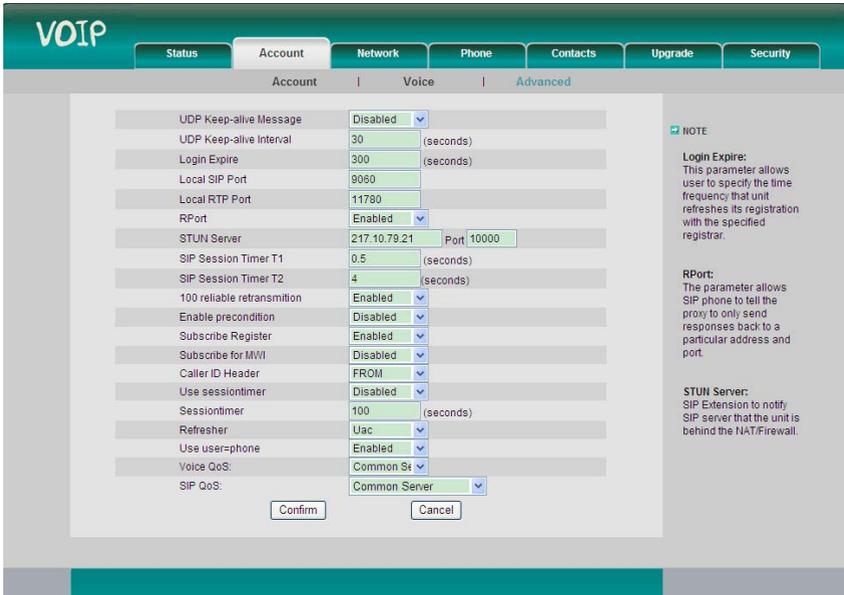
Please check Table 7-4 for more information about Voice configuration.

Parameters	Instruction
Audio Codecs	there are 7 voice codecs, press the Up/Down button to choose the right priority.
Video Codecs	there are 3 video codecs, press the Up/Down button to choose the right priority.
DTMF Type	there are 3 types, and Info DTMF has 3 types.
DTMF Payload	RTP payload of DTMF

Table 7-4

7.3.3 Advanced

In the webpage, select Account->Advanced, showed as Picture 7-6.



Picture 7-6

Please check Table 7-5 for more information about Advanced configuration instruction.

Parameters	Instruction
UDP Keep-alive Message	The default mode is Enable
UDP Keep-alive Interval	the time intervals for sending the package to SIP Server, 30 seconds by default
Login Expire	the time intervals of registration , 2000 seconds by default
Local SIP Port	9060 seconds by default
Local RTP Port	11780 seconds by default
RPort	when it is enable, the proxy server is allowed to send back an address and port
STUN Server	Please consult the SP for STUN Server and Port.
Voice QoS	There are 5 options
SIP QoS	There are 5 options

Table 7-5

7.4 Status

Users can enter “Status” page to check the corresponding network and account information. In the webpage, select Status, shown as Picture 7-7.

The screenshot shows the VOIP Status page. The top navigation bar includes Status, Account, Network, Phone, Contacts, Upgrade, and Security. The main content area is divided into three sections: Version, Network, and Account. The Version section shows Hardware Version (V1.1.2T-Y2008AL02) and Software Version (V2.0.38-H20081217). The Network section shows WAN Port Type (AutoConfiguration Via DHCP), WAN IP Address (192.168.3.81), Subnet Mask (255.255.240.0), MAC Address (00-15-65-11-25-66), Link Status (Connected), LAN IP Address (192.168.7.90), Device Type (As an Router), and DHCP Server Status (Disabled). The Account section shows name (123), Server (192.168.0.138:5060), and Status (Register Fail). A NOTE section on the right provides additional information: Version (This option shows you the version of firmware), Network (This option shows you the information about WAN port and LAN port), and Account (This option shows you status of the account and some more information).

Picture 7-7

7.5 Phone Configuration

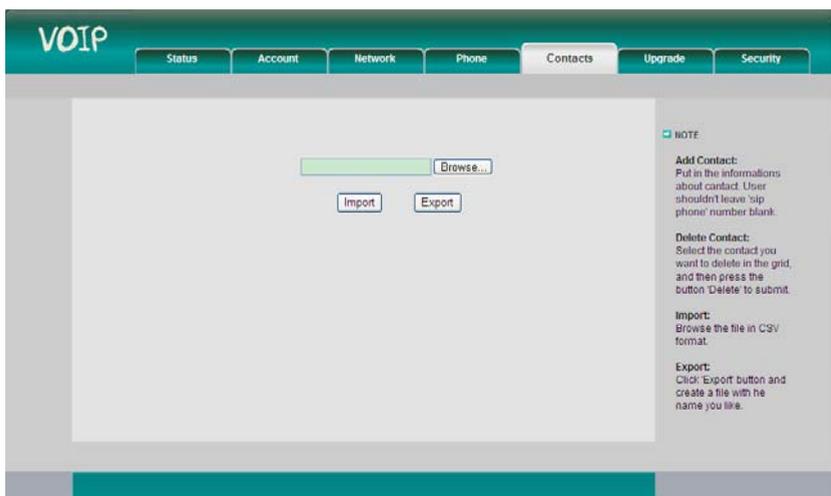
In the webpage, select Phone, showed as Picture 7-8. User can configure the Time parameters in this page.

The screenshot shows the VOIP Phone Configuration page. The top navigation bar includes Status, Account, Network, Phone, Contacts, Upgrade, and Security. The main content area is divided into three sections: Preference, Forward, and Speed and Dial Rule. The Preference section shows Language (English), Ring Type (Asia), Date Format (yy/mm/dd), Time Format (12 hours), Time Zone (+8 China, Phillip), Time Server (cn.pool.ntp.org), and Emergency call. There are Confirm and Cancel buttons at the bottom. A NOTE section on the right provides additional information: Time Zone (Choose the time zone you live in), NTP Server (Specify the server that is used to synchronize the time of unit), and Update Interval (Specify the time frequency that unit refresh the time automatically).

Picture 7-8

7.6 Contact Configuration

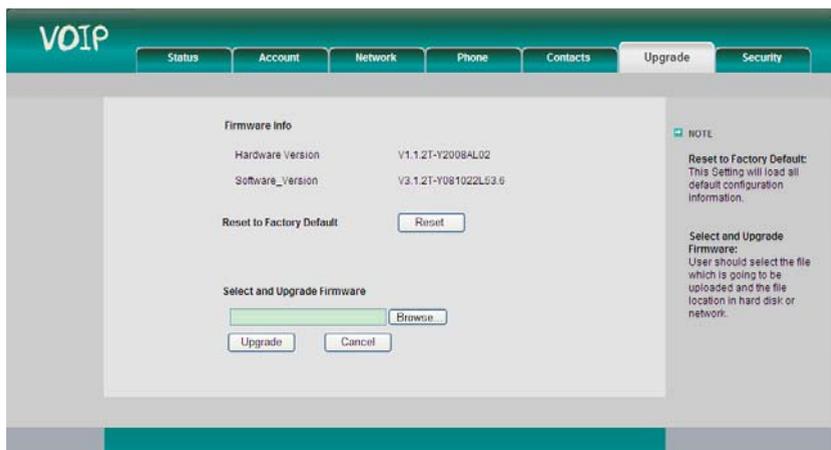
In the webpage, select Contact, showed as Picture 7-9. Users can import and export the contact information in Card format.



Picture 7-9

7.7 Upgrade Configuration

In the webpage, select Upgrade, showed as Picture 7-10. Users can upgrade the firmware directly from PC.



Picture 7-10

7.8 Security Configuration

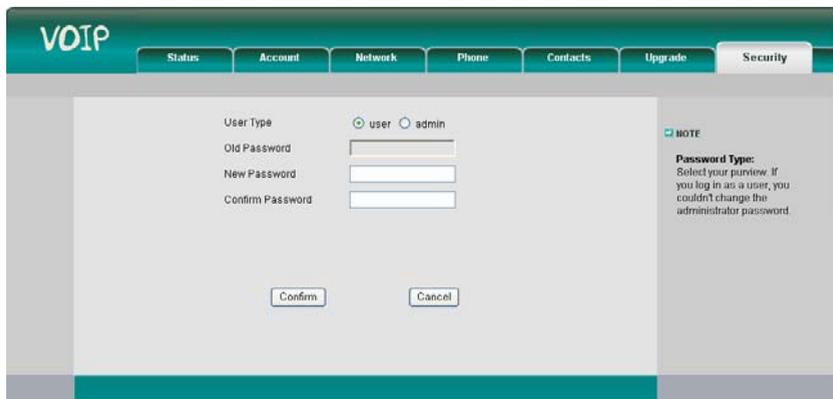
In the webpage, select Security, showed as Picture 7-11.



Note:

When users login the webpage by Admin account, they can change the password of Admin account.

when users login the webpage by User account, they can only change the password of User account.



The screenshot shows the VOIP Security Configuration page. The top navigation bar includes tabs for Status, Account, Network, Phone, Contacts, Upgrade, and Security. The Security tab is active. The main content area contains a form with the following fields:

- User Type: user admin
- Old Password:
- New Password:
- Confirm Password:

At the bottom of the form are two buttons: Confirm and Cancel.

On the right side, there is a **NOTE** section with the following text:

Password Type: Select your privew. If you log in as a user, you couldn't change the administrator password.

Picture 7-11

FAQ

Abnormal phenomena	Potential Reason	Solution
Network Link Status showed as unavailable	the internet cable doesn't plug into the Internet port	Connect the cable according to Picture 4.2.1
	if the WAN port's type is DHCP, the server has been shut down, or there is no available IP address.	Contact with the network administrator
	if the WAN port's type is PPPoE, the user name and password may be wrong	Contact with the SP
Can not make a phone call	fail to register	Confirm the user name and password of the account provided by SP are right
no ringtone when there is an incoming call	the volume is turned off or to the lowest.	Turn up the volume
The volume is very low during the conversation	The volume is too low	Turn up the volume
no voice from handset	Handset isn't connected to the device in the right way	Connect again by following the menu
blank screen	the device is in Sleep status	Press any keys to active the screen
when the AV out mode is TV, there is no video	The voltage is not stable	Replace with a stable power adapter
	Loose of Power plug	Re-plug the power
	Wrong port	Connect to the right port
Others		Restart the device or contact the service hotline