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1. Overview

1.1. Introduction



The SNR-VP-51 is a featured one-line IP phone with full duplex hands-free speakerphone. It can be directly connected to an Internet Telephony Service Provider or to an IP PBX.

Based on the SIP standard, the SNR-VP-51 has been tested to ensure comprehensive interoperability with equipment from VoIP infrastructure leaders enabling service providers to quickly roll-out competitive, feature rich services to their customers.

SNR-VP-51 is very easy to understand, configure, and deploy. The web interface is designed to provide a clean and user-friendly configuration window.

1.2. Features

Highlights

- •HD Voice
- •2.6" 132x64 Graphical LCD with Backlight
- •Support 3-way Conference
- Support PoE
- •Full Compatible with Asterisk, BroadSoft Platform

Phone Features

- •1 Line (support 1 SIP account)
- •Support call waiting, call forwarding, call transfer
- •Call on hold, mute, auto-answer, redial
- •Phonebook (500 groups), Blacklist (100 groups), call logs (100 entries)
- 3-Way Conference
- •DND (Do Not Disturb)
- •Volume adjustable, ring tones selectable
- •5 Remote Phone Book URL supported
- •Call Pickup/Group Call Pickup
- Speed Dial
- Intercom
- Daylight Saving
- Network Packet Capture
- •Country Ringtone Signal
- •Direct IP call
- Auto Answer
- Hotline
- •XML Browser
- Hot Desking
- Keypad Lock
- Action URL/URI
- •Multi-Languages: Default: English and Simple Chinese

IP-PBX Features

- Dial Plan
- •SMS, voicemail, MWI message Notification

- •Wideband Codec: G.722
- •Narrowband Codec: G723_53, G723_63, G726_32, PCMA, PCMU, G729
- •VAD, CNG , Echo Canceller
- Full-Duplex Speakerphone

Network Features

- •SIP V1(RFC2543), V2(RFC3261)
- •Static IP/DHCP for IP configuration
- •3 DTMF modes: In-Band, RFC2833, SIP INFO
- •HTTP/HTTPS Web Server for Management
- •NTP for Auto Time Setting
- •TFTP/FTP/HTTP/HTTPS Protocols
- •802.1Q VLAN

Administration Features

- •Auto provisioning using FTP/TFTP/HTTP/HTTPS/PnP
- Dial through IP PBX Using Phone Number
- Dial through IP PBX Using URL Address
- •Configuration Managements with Web, keypad on the phone, and Auto Provisioning
- ●SNMP
- •TR069

Security Features

- •Support HTTPS (SSL)
- •Support SRTP for Voice Data Encryption
- Support Login for Administration
- •SIP Over TLS

1.3. Keypad

Keypad, LED, and function key definitions



Keypad Description

Кеу	Key name	Function Description
A 99	Navigation	Assists you in selecting an item that you want to process
Сок		under the menu by pressing the Up, Down, Right or Left
\mathbf{O}		key. Press the OK key to save.
History List DTD Menu	Soft keys 1/2/	Key combination includes functions such as
	3/4	History/Favorites/Redial/CallReturn/HotDesking/ XML
		Browser/DND/Menu/MSG/Status/Book/FWD/PickUp/G
		roup PickUp/Intercom/Speed Dial/and so on.
	Home	Back to the Home page
(m)	Book	View Local Phone Book/Blacklist/Remote Phone Book

(n)	Headset	Use the headset to call out or call in
FWD	Forward	Forward the call to the third party
	Redial	View the Missed Calls, Incoming Calls and Dialed Calls.
(A)	Mute	Press this key in calling mode and you can hear the other
		side, but the other side cannot hear you.
(+)	Volume -/+	Turn down or turn up the volume by pressing the "-" key
	-	or the "+" key.
	Hand-free	Make the phone into hand-free mode.
1 2 abc 3 det	Digital	Inputting the phone number or DTMF.
4 chi 5 iki 6 con 7 cirin 8 iuv 9 couc *• 0 iu #send	keyboard	
	Indicator light	Blinking light indicates there is an incoming call.

Panel descriptions

Port	Port name	Description
	Power switch	Input: 5V DC 1.2A
	Internet	10/100M Connect it to Network
- 1111 -	РС	10/100M Connect it to PC
	Handset	Port type: RJ-9 connector
	Headset	Port type: RJ-9 connector



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Ring off	n(×
Headset mode	Ω
New voice message	00
New text message	\simeq
Missed calls	₩.

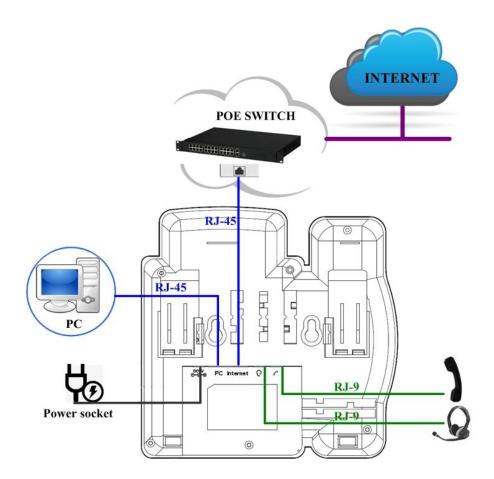
2. Installation

2.1. Check package contents

Please refer to the package list below to check the completeness of package

Name	Quantity
SIP IP Phone unit	1
handset	1
RJ-9 Cable	1
Power Adapter	1
RJ-45 Cable	1
Stand	1
Quick installation guide	1

2.2. Connection diagram



2.3. Installation Steps

Step 1 – Connect to the power

Connect the provided power adapter to the Power port and plug the adapter into an available power outlet. The LCD will display "Initializing, Please Wait..."

Note1: Never use a power adapter other than the one provided with SNR-VP-51 Note2: Only Internet port supports POE.

Step 2 – Connect to the InternetConnect one end of the RJ-45 Ethernet cable to the Internet port at the back of theSNR-VP-51 and the other end to wall network jack.

Step 3 – Connect the computer

Connect one end of the RJ-45 Ethernet cable to the PC port at the back of the SNR-VP-51 and the other end to the Ethernet port on your computer.

Step 4 – Configure the device

Launch the web browser on your computer, and enter the IP address of the phone into the address bar. The login screen will appear if the address is correct. Enter the user name and password to log into the web console.

NOTE: Each phone has its own IP address, you can check it by press the OK key on the keyboard when the phone is idle

3. Functions

3.1. Make a call

3.1.1. Call devices

User can make a phone call via the following methods :

1. Pick up the handset, **C**icon will be shown on the idle screen.

2. Press the Hand-free key, icon will be shown on the idle screen.

3. Press the Headset key if the headset is connected to the Headset Port in advance.

The **icon** will be shown on the idle screen.

User can also dial the number first, and then choose the method user will use to speak to the other party.

3.1.2. Call Methods

User can press an available line key if there is more than one account, then

1. Dial the number User wants to call.

2. Press History soft key. Use the navigation keys to highlight User choice (press Left/Right key to choose Missed Calls, Incoming Calls and Outgoing Calls).

3. Press the Redial key twice to call the last number called or press Redial key to enter All Calls interface to choose the number to dial out.

4. Press the programmable keys which are set as speed dial key. Then press the Send key or Dial soft key to make the call if necessary.

3.2. Answer a call

1. If User is not on another phone call, lift the handset to use, or press the Speaker key/

Answer soft key to answer using the speaker phone, or press the headset key to answer the headset.

2. If User is on another phone call, press the answer soft key to answer new incoming and

hold the current talking. During the conversation, User can alternate between Headset, Handset and Hand-free by pressing the corresponding keys.

Note: The will flash during the Incoming interface

3.3. Mute

You can press the Mute key to make the user NOT be heard by the other party, but User can hear the other party. Icon will be shown on the LCD, and press the Mute key again to recover.

3.4. Call Hold/Resume

1. Press the Hold button or Hold soft key to put User active call on hold.

2. If there is only one call on hold, press the hold soft key to retrieve the call.

3. If there is more than one call on hold, press the line button, and the Up/Down button to highlight the call, and then press the Resume button to retrieve the call.

3.5. Do Not Disturbed (DND)

If you enable DND mode, the phone will reject to answer all calls automatically and play busy tone, the UI will present missed calls at the same time.

3.6. Call Waiting

To configure Call Waiting via Phone interface:

- 1. Press Menu -->Features-->Call Waiting-->Enter, ;
- 2. Use the Left or Right key to activate or deactivate call waiting.
- 3. Then press the Save key to save the changes.

3.7. Call Forward

You can set the static forward to transfer all the incoming calls to specified number; Also you can use dynamic forward to transfer all the incoming calls forward to the number inputted when the phone is ringing.

Forward: Enable call forward feature, Options as follows:

- Always forward: All the incoming calls will be transferred unconditionally to specified number.
- Busy Forward: The incoming calls will be transferred to specified number when the phone is busy.
- No answer Forward: The incoming calls will be transferred to the specified number when the ring tone is time out without answer.

To configure Call Forward via Phone interface:

1. Press Menu -->Features-->Call Forward-->Enter, or just press FWD key to enter Call Forward interface;

2. There are 3 options: Always, Busy, and No Answer.

3. If User chooses one of them, enter the phone number User wants to forward to receiving party. Press Save to save the changes.

3.8. Call Transfer

You can use the following two ways to transfer talking to the other party :

- Blind Transfer: Transfer talking directly to the other party without any negotiation.
- Consultation Transfer: Transfer talking to the other person involved after the other person involved answer the incoming and with consultation.

3.8.1. Blind Transfer

- 1. Press the Trans soft key during the talking;
- 2. Enter the Trans number interface, and then Input the number you will transfer to;

3. Press the FWD key or the Trans soft key to transfer the hold talking to the number you want to transfer to;

4. Return to the Idle automatically;

Note: The UI will display Hold status interface when the number you want to transfer to is not existed.

3.8.2. Consultation Transfer

1. Press the Trans soft key to enter the number you want to transfer to during the talking; Input the number you want to transfer to ;

2. Press the OK key on the phone keyboard or the Dial key to make a call;

3. Press the Trans soft key to finish transfer after the other person involved answer the incoming and with consultation; You can finish transfer via putting down the handset or press the Cancel soft key to cancel transfer if you currently use handset to make or answer a call_{\circ}

3.9. Conference

You can use the Local conference feature to hold a 3-way conference by pressing the Conference soft key to invite the current talking line and the line on hold to attend the conference.

The Local conference feature of IP phone SNR-VP-51 can invite two parties at most to attend conference. The conference type of IP phone SNR-VP-51 is Local conference with default.

1. Create talking with first party;

2. Press the New soft key to create a new talking;

3. Press the Back soft key of dial interface to hold talking with first party.

4. Input the number of second party and press the OK key on the phone keyboard or the Dial key or the Send soft key to make a call; When the second party answer your call, inquire whether they want to attend conference ;

5. Press the Conference soft key to start 3-way conference.

6. Press the Split soft key to split to two lines standalone talking, then this two parties talking are under Hold status:

7. Press the Resume soft key to resume the current talking:

8. Press the Cancel soft key or the 🕒 key to cancel the conference talking and return to Idle :

3.10.Call Park

You can use Call Park feature to park the current talking, and then resume the Parking talking in another phone (For example, in another phone of another office or conference). Press the Call Park key to park the current talking during the talking. If success, you will hear voice announce or see the reserved extension number on the phone LCD. Dial the reserved extension number in another phone to resume the Parking talking.

Note: Not all servers can support Call Park feature.

To configure Call Park via Phone interface:

PATH: Press Menu-->Features-->Call Park-->Press Left or Right key or Switch soft key to enable Call Park--> Press the Down key to set Target number-->Press the Down key to set Account-->Press the Save soft key to save;

3.11.Pickup

You can use pickup to answer other users' incoming call. The IP phone SNR-VP-51 supports

specified pickup and group pickup.

Note: Press the group pickup only to answer line 1 incoming call if there are many lines incoming calls in group.

3.11.1. Specified Pickup

Specified pickup can answer specified user's incoming calls

1. Set specified pickup key via phone interface,

PATH: Press Menu-->Features-->Programmable keys-->Soft Keys-->PickUp-->Press Down key to set label/Value--> Save soft key;

2. Use specified pickup feature

When the user of specified pickup number is off or busy, you can press the pickup key to answer incoming call.

3.11.2. Group Pickup

Group pickup can answer group's user incoming calls. Group pickup needs to set group members.

1. Set group pickup via phone interface

PATH: Press Menu-->Features-->Programmable keys-->Soft Keys-->Group PickUp -->Press Down key to set label/Value/Account--> Save soft key;

2. Use group pickup feature

When anyone in group receives an incoming call, you can press the group pickup key to answer.

3.12.Speed Dial

You can use the Speed Dial feature to dial the specified contact speedily

PATH: Press Menu-->Features-->Programmable keys-->Soft Keys-->Speed Dial -->Press Down key to set label/Value/Account--> Save soft key;

3.13.Auto-redial

When hang-up by the other party, call failure during the calling, the phone will enter the auto-redial screen, Press OK for redial now or wait for the timeout to cancel Auto-redial.

To configure Auto Redial via Phone interface:

1. Press Menu -->Features-->Auto Redial-->Enter, ;

2. Use the Left or Right key to activate or deactivate Auto Redial.

3. Use the Up or Down key to configure Interval and Times;

4. Then press the Save key to save the changes.

3.14.Hot line

The Hot line refers to the number you often dial. You can set hot lines in the phone, the phone will dial the hot line number automatically when you pick up the handset, press the hand-free or the account key. Also you can set the timeout of dialing the hot line number, and then the phone will dial the hot line number automatically after the timeout.

To configure Hot line via Phone interface:

- 1. Press Menu -->Features-->Hot line-->Enter
- 2. Use the Left or Right key to activate or deactivate Hot line.
- 3. Use the Up or Down key to configure Number and Timeout;
- 4. Then press the Save key to save the changes.

3.15.Intercom

To configure Intercom via Phone interface:

PATH: Press Menu-->Features-->Programmable keys-->Soft Keys-->Intercom--> Press Down key to set label/Value/Account--> Save soft key;

- 1. Press the Intercom key when the phone is available. The phone will connect the extension number of remote user automatically $_{\circ}$
- 2. Press the Intercom key or the Back soft key to end the intercom $_{\circ}$
- 3. Answer the intercom incoming calling
- 4. In default situation, the IP phone SNR-VP-51 will answer the intercom incoming calling automatically and make a noise. You can set the phone to enable silent mode when picking up the intercom call so that the other will not hear you $_{\circ}$

The features of intercom :

Intercom Feature	Note	
Allow Intercom	Enable or disable Auto-receive intercom	
Intercom Mute	Enable or disable Mute mode after receiving intercom incoming	

3.16.HotDesking

In some working place, the people are always walking around. HotDesking feature will make the staffs login his account on any computer in the company. In some public places, the working people is not fixed, anyone can use HotDesking for logging his account, and setting the phones to the familiar mode. Such as the remote function of the computer.

3.16.1.Set the HotDesking Key

To configure Intercom via Phone interface:

PATH: Press Menu-->Features-->Programmable keys-->Soft Keys-->HotDesking--> Press Down key to set label--> Save soft key;

3.16.2.HotDesking Feature :

- 1. After setting the HotDesking on Soft-key, back to the idle screen:
- 2. Pressing the HotDesking, and enter the HotDesking screen:
- 3. If you press clear on the screen, the phone will begin to clear the information stored on the phone :
- 4. After clear the setting, the phone will enter the account setting screen :
- 5. After entering the account information, back to the home screen, and begin to use the new account.

3.17.XML Browser

XML Browser allows the users to develop and deploy custom services. Users need to pre-configure a custom service functions on the server, such as news, weather report, stock information. The user receives and displays the service information on the IP phone from the server, and all service information are transmitted in XML object.

To configure XML Browser via Phone interface:

PATH: Press Menu-->Features-->Programmable keys-->Soft Keys/Function keys-->XML Browser--> Press Down key to set Label/Value--> Save soft key;

3.18.Keypad Lock

You can lock the keypad of your phone temporarily when you are not using it. This feature helps to protect your phone from unauthorized use.

Keypad Lock can be set to ON or OFF, how long to enable this function during the phone is idle

and you can choose to lock the function keys or all keys. And this function can only be configured through the web UI, please refer to the web interface for the details.

- Function Keys: The function keys are locked. You cannot use the SOFT KEYS, NAVIGATION KEYS, FUNCTION KEYS until unlocked.
- All Keys: All keys are locked.

3.19.Hoteling

Hoteling function enables the customer to login the own sip account on the Host ip phone, after login to the phone, the customer can use his own guest account on the host ip phone.

Note: Hoteling is supported by Broadsoft platform, Please consult your administrator further information.

Application :

- 1、Remote Work
 - 1.1. User goes to the branch office, his own extension number is 4723 in head office;
 - 1.2. User uses the remote work function, find a idle host ip phone;

1.3. User can login the extension number 4723 on this host ip phone, to call in and out using his own extension number.

2 Work on different time division

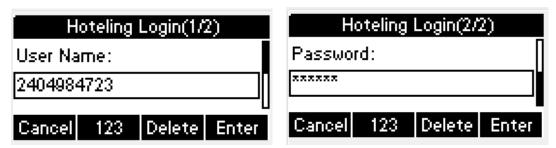
2.1. Users A and B work on different time division at a same table with a same host ip phone, their extension numbers are 4722 and 4723.

2.2、 A logins the extension number 4722 in the morning, logout after leave.

2.3、B logins the extension number 4723 in the evening, using the number 4723 to call in and out, logout after leave.



The host ip phone number is 2404984721



Press GuestIn softkey to bgin the extension number 4723 and password



The extension number 4723 is ready for use

3.20.Application

3.20.1. Text Message

The IP phone SNR-VP-51 can send and answer text message. The phone will make a "Du" sound and present "N piece of new message" on the LCD(For example: 1 new message), and a twinkling message icon will appear.



Note: Not all servers support message feature.

Read Text Message

1. Access Menu->Message->Text Message-> In box

2. Press the OK key on the phone keyboard or the Enter soft key to enter the Text Message interface, Press the OK key on the phone keyboard or the Enter soft key to enter the in-box

interface.

3. Select the message you will read and Press the OK key on the phone keyboard or the Enter soft key to read.

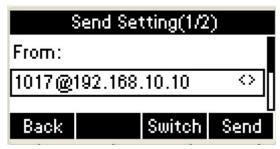
Send Text Message

1. In the Idle, press the Menu soft key

In the mail menu interface, press the Down key on the phone keyboard to select Message, press the OK key on the phone keyboard or the Enter soft key to enter Message interface.
 In the Text Message interface, select "New Message"; Press the OK key on the phone keyboard or the Enter soft key to enter new message and edit it, press the "abc" soft key to switch the input methods :

4. Press the OK key on the phone keyboard or the Send soft key to send message;

5. Press the Left or Right key on the phone keyboard or the Switch soft key to switch to the relevant addresser. :



6. Input the number of addresser :

Send Setting(2/2)				
		Π		
123	Delete	Send		
	123	123 Delete		

7. Press the Send soft key to send message.

Delete Text Message

1. In the Idle, press the Menu soft key

2. Press the main menu interface, Press the Down key on the phone keyboard to select message, Press the OK key on the phone keyboard or the Enter soft key to enter the Message interface :

3. In the Text Message interface, press the Down key on the phone keyboard to select in-box :

4. Press the OK key on the phone keyboard or the Enter soft key to enter the in-box interface :

5. Select the message you want to delete and press the Delete soft key :

6. Delete all the text messages in the in-box. Press the Delete soft key and select "Delete All", press the OK soft key then all the messages in the in-box will be deleted:

3.20.2.Voice Message

The IP phone SNR-VP-51 can send or answer voice message. The phone will make a "Du Du" sound, the LED light of message flashes green, and the LCD presents "New Voice Message" on the LCD with a twinkling voice message icon.



Note: Not all servers support voice message.

Voice Message

You can leave a message when the user who you call is busy or unavailable. Leave a message

according to the voice prompt of server, and then hang up after leaving the message.

Set Visit account number of voice message via phone interface.

1. In the Idle, press the Menu soft key :

2. In the Idle, press the Down key on the phone keyboard to select message, press the OK key on the phone keyboard or the Enter soft key to enter the Message interface.

3. In the Message interface, press the Down key on the phone keyboard to select the voice message, press the OK key on the phone keyboard or the Enter soft key to enter the Voice Message interface.

4. Select the Voice Message Setting :

5. Press the OK key on the phone keyboard or the Enter soft key to set account 1, input the Visit account number of voice message (For example: *97), press 123 soft key to switch the input methods:

Voice Message Setting(1/3)						
Account1 NO.						
*97						
Back	123	Delete	Save			

6. Press the OK key on the phone keyboard or the Save soft key to save and return to message interface.

Check voice message

1. Press the Message key or the Connect soft key to call the Visit account number of voice message.

- 2. Check voice message according to voice prompt.
 - Set the Visit account number of voice message first before check voice message.

The LED light of Message will darken after all the voice messages checked.

- 3. Check voice message via phone interface
 - Access Menu-> Message->Voice Message-> New Message. The LCD displays new messages and old messages of every account.



• 2. Select the account you will check and press the Connect soft key to check voice message

• () Talking 1/1 *97					
00:00:05					
Trans	Hold	Nom	Cancel		
TTalls	HUIU	MEW	Cancer		

4. Settings

4.1. Basic Settings

4.1.1. Language

You can change the language through below method: Press Menu -> Settings -> Basic Setting -> Language

4.1.2. Date & Time

1. The IP phone displays Time and Date in Idle status. You can set the Time and Date obtain from SNTP server automatically or you can set the time and date manually.

2. Set SNTP via phone interface: Access Menu -> Settings -> Basic Setting -> Date & Time -> SNTP Setting.

3. To set the date & time format via the phone interface, access Menu -> Settings -> Basic Setting -> Date & Time -> Format Setting:

- Access the Time Format in Format Setting interface, then press the Left or Right key on the phone keyboard, or the Switch soft key to select the time format (12Hour or 24Hour).
- In the Date &Time Format interface, press the Up or Down key on the phone keyboard to access the Date Format. Press the Left or Right key on the phone keyboard or the Switch soft key to select the date format to process setting.
- The phone supports four Date formats. The selected date format will appear in the Idle. For example, if the time was "2013-09-13", the date formats in the menu and the corresponding formats displayed in the Idle as follows:

Date Format	e.g.(2013-09-13)
YYYY-MM-DD	2013-09-13
YYYY/MM/DD	2013/09/13
DD-MM-YYYY	13-09-2013
DD/MM/YYYY	13/09/2013

4.1.3. Backlight

Set the screen backlight level and duration of backlight Press Menu -> Settings -> Basic Setting ->Backlight

4.1.4. Password Setting

This function is to set into the advanced Settings password Press Menu -> Settings -> Advanced Setting ->Password Setting A dialog box "Enter Password:" appears, enter the password: admin (default), then press the OK key on the phone keyboard, input the currently password, the new password, then confirm new password to modify the current password.

4.2. Sound Settings

4.2.1. Phone Volume

1. The Volume key can be used to adjust the volume of handset, hand-free or headset during a call. Also, the key can be used to adjust the ring tones volume in the Idle mode.

2. Adjust the volume via the phone interface; access Menu -> Settings -> Basic Setting -> Phone Volume. In the Volume Setting interface, access the Handset Volume, Hand-free Volume or Headset Volume interface, then press the "+" or "-" soft key, or Left or Right key to adjust the volume. Press the Save soft key to save the operation or press the Back soft key to cancel operation_{\circ}

4.2.2. Ring Tones

1. The Ring Tone refers to incoming ring tone, which reminds the user that new call is coming with the phone. The IP phone SNR-VP-51 supports phone ring tone to distinguish the incomings from other near phones' ring tone; At the same time, the IP phone SNR-VP-51 also support setting specific incoming ring tone for contacts.

2. To set the ring tone via the phone interface, access Menu -> Settings -> Basic Setting ->

Ring Tones_o

4.3. Phone Book

4.3.1. Local Phone Book

The Local Phone Book is used for storing the contacts names and number. The SNR-VP-51 can store up to 500 entries contacts. You can add, edit, delete, search, or call any contact from the Local Phone $Book_{\circ}$

4.3.1.1.1.Add contacts manually :

Add contacts manually from the Local phone book via Phone interface: Press Phone book -> Local phone book -> Add to Contacts.

Select the relevant group (For example: contacts) and Press the OK key on the phone keyboard or the Enter soft key in the UI to enter All Contacts :

1. Press the Add soft key to enter the Add Contact interface :

2. Input name in the relevant area :

3. Press the Down key on the phone keyboard to input the office number in the relevant area :

4. Press the Down key on the phone keyboard to input mobile number in the relevant area :

5. Press the Down key on the phone keyboard to input other number in the relevant area :

6. Press the Down key on the phone keyboard to enter Account selection; Press the Left or Right key on the phone keyboard or the Switch soft key to select the relevant account, if Auto selected, the phone will select the current available account automatically when the contact called from Local phone book_o

4.3.1.1.2.ADD contact from All Calls History :

Add contact from All Calls History in the phone interface:

1. Press the History soft key;

2. Press the Up or Down key on the phone keyboard to select the contact you want to add;

3. Press the Option soft key to add to $contacts_{\circ}$

4.3.1.1.3.Search Contacts

1. Press the Book soft key in the Idle interface to enter the Phone Book menu :

2. Select the Local Phone Book, Press the OK key on the phone keyboard or the Enter soft key to enter the Local Phone Book :

3. Press the Search soft key to search contacts :

4. Input keywords such as name, any character of number or whole phone number, press the Search soft key or the OK key to enter the Search Contacts interface.

4.3.2. Blacklists

100 Blacklists contacts are available with SNR-VP-51 IP phone. You can add, edit, delete, search

or call contact. The phone will reject to answer automatically within the blacklists contacts'

incoming call.

PATH: Press Phone book -> Blacklist -> Add.

4.3.3. Remote Phone Book

1. Access the remote phone book, add the contacts to the local phone book from the remote phone book or make calls from the remote phone book. 5 URLs of remote phone book are available to set_ \circ

- 2. Set the remote phone book via web interface :
- 3. Access Book-> Remote Phone $Book_{\circ}$
- 4. Input URL of phone book $_{\circ}$
- 5. Input the phone book name $_{\circ}$
- 6. Click the Submit soft key to submit_ \circ
- 7. Access the remote phone book via phone interface :
- 8. Access Book->Remote phone book_o

9. Select the relevant Remote Group and press the Enter soft key. The phone will load the remote group information, and the LCD will display the contacts of this remote group $_{\circ}$

10. Press the (key or the Back soft key to unlink $_{\circ}$

11. Press the Book soft key to enter the Phone Book Menu :

4.4. History Management

The History management of IP phone SNR-VP-51 contains dialed calls, received calls, missed

calls and forwarded calls and support 100 logs storage at most. You can check the history,

make calls from the calls history and delete the calls history $\ _{\circ}$

- 1. Press the History key, the LCD will display all the recent calls ;
- 2. Press the Left or Right key on the phone keyboard to switch the lists of All Calls, Dialed Calls, Received Calls, Missed Calls and Forwarded Calls ;
- 3. Press the Up or Down key on the phone keyboard to select the log;
- Press the Option soft key and select the detail. The LCD will display the detailed information of this log; Press the Dial soft key, to make a call from the History;
- Press the Option soft key to add to contacts(Move to Blacklists) from the History;
- Press the Delete soft key to delete calls log from the History;
- Press the Option soft key to select "Delete all" to delete all the calls log from the History

4.5. System Customizations

4.5.1. Programmable keys

1. Press the Menu soft key in the Idle interface, access Menu->Features-> Programmable keys ;

- 2. Select the programmable key you will set and press the Enter soft key ;
- 3. Select key style in the type area ;
- 4. Input suitable value in the label area;
- 5. (Optional) Select the relevant account in the account ID area ;
- 6. (Optional) Input suitable value in Value blank ;
- 7. Press the Save soft key to save or the Cancel soft key to cancel $_{\circ}$

4.5.2. SIP Account management

4.5.2.1. Register an Account

Register an account via phone interface :

1. Press the Menu soft key to enter setting interface to select Advanced setting, input

 $\ensuremath{\mathsf{password}}\xspace$ (password: admin) to enter the Account setting ;

- 2. Press Enter key to enter the account activation status area ;
- 3. Input the label, display name, register name, account, password and SIP separately ;
- 4. Press the Save soft key to save, or the Back soft key to cancel ;

4.5.2.2. Disable an Account

- 1. Access Menu->Settings->Advanced setting->Account (password: admin).
- 2. Press Enter key to enter the account activation status area.
- 3. Select "Disable" in the account active status area.
- 4. Press the Save soft key to save or the Back soft key to cancel.

4.6. Basic Network Settings

Through the Basic Network setting, you can set the IP Phones to get the IP address by three

ways : DHCP, static IP and PPPoE.

PATH: Menu -> Settings -> Advanced Setting -> Network

4.6.1.DHCP Mode

1. In the Network Settings interface, Press the OK key on the phone keyboard or the Enter soft key to enter LAN Port :

2. In the LAN Port interface, press the Up or Down key on the phone keyboard to select DHCP (default is DHCP).

3. Press the Enter on the soft key or the OK key on the phone keyboard to enter the DHCP switch interface, it will auto return to last interface after seconds.

4.6.2.Static IP Mode

4. In the LAN Port interface, press the Up or Down key on the phone keyboard to select Static IP, then Press the OK key on the phone keyboard or the Enter soft key to enter Static IP Setting interface and input IP address.

5. Press the Down key on the phone keyboard to enter the Subnet Mask of Static IP Setting and input the subnet mask.

6. Input the IP address, Subnet mask, Gateway, DNS 1 and DNS 2 in the corresponding area, press the OK key on the phone keyboard or the Save soft key to save.

4.6.3.PPPoE Mode

1. In the LAN Port interface, press the Up or Down key on the phone keyboard to select PPPoE, then press the OK key on the phone keyboard or the Enter soft key to enter PPPoE Setting interface.

Press the Up or Down key on the phone keyboard to enter User Name and Password:
 In according areas input User Name, Password;

4.7. WebServer

In the Advanced Setting interface, press the Up or Down key on the phone keyboard to select "WebServer," press OK key on the phone keyboard or the Enter soft key to access the disable/enable WebServer settings.

4.8. Reset to Factory

In the Advanced Setting interface, press the Up or Down key on the phone keyboard to select "Reset to factory", Press the OK key on the phone keyboard or the Enter soft key to access the reset to factory interface:

4.9. Reboot

This is a function to set the phone reboot.

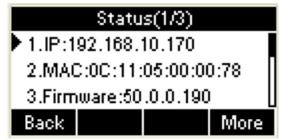
1. In the Advanced Setting interface, press the Up or Down key on the phone keyboard to select Reboot;

2. Press the OK key or the Enter soft key to on the phone keyboard to enter the reboot warning interface.

5. WEB Interface

Web user interface (we will used Web UI for short in the following context) which is used for user or administration to check or change the IP SIP phone's settings.

• Press the OK key on the phone keyboard to check the Phone's IP address.



• Type the IP address on IE: <u>http://192.168.10.170</u> input default User Name and Password: admin/admin to login the web interface.

Login User Name Password	admin ••••• Remember Username/Password Login	Help Login Page

5.1. Status->Basic

- 1. First you need to open a browser (for example IE)
- 2. Input the IP address in the browser's address bar and then press the Enter key

3. If successfully connected to IP phone, it will prompt a login page. In this page, please input the username and password accordingly. By default, username and password are as below:

User Name: admin

Password: admin

4. After successfully log in, it will automatically locate to **Status->Basic** Page as shown below:

Status	Status		
Basic			Help
Lasac	Product Information		Note :
Account	Model	SNR-VP-51	Max length of characters for input
Account.	MAC Address	0c:11:05:00:54:94	box:
Network	Firmware Version	50.143.3.11	255: Broadsoft Phonebook server
NCLIVOIR	Hardware Version	50.0.1.0.0.0.0	address
Phone	Network Information		127: Remote Phonebook URL &
LAN Dark Tuna	LAN Port Type	DHCP Auto	AUTOP Manual Update Server UR
PhoneBook	LAN Link Status	Connected	63: The rest of input boxes
	LAN IP Address	172.16.32.4	Warning :
Upgrade	LAN Subnet Mask	255,255,255.0	
	LAN Gateway	172.16.32.1	er Lin i vie
Security	LAN DNS1	94,230,128,3	Field Description :
	LAN DNS2	94.230.129.3	
	Primary NTP	172.20.0.2	
	Secondary NTP	172.20.0.2	
	Account Information		
	Account1	217@172.20.0.2 Registered	

Sections	Description	
Product Information	To display the device's information such as Model name, MAC address	
	(IP device's physical address), Firmware version and Hardware	
	firmware.	
Network Information	To display the device's Networking status(LAN Port), such as Port	
	Type(which could be DHCP/Static/PPPoE),	
	Link Status, IP Address, Subnet Mask, Gateway, Primary DNS	
	server, Secondary DNS server, and Primary NTP server	
	and Secondary NTP server(NTP server is used	
	to synchronize time from INTERNET automatically).	
Account Information	To display device's Account information and Registration status (account	
	username, registered server's address, and Register result).	

Status->Basic page is used to display some basic information for IP Phone. Please refer to corresponding page for any further information.

5.2. Account->Basic

Path: Web UI -> Account->Basic

					LogOut
► Status	Account-Basic				
▼ Account				Help	
Account	SIP Account			Note :	
Basic	Status	Registered		Max length of characters for input	
	Account Active	Enabled	•	box:	
Advanced	Display Label	test		255: Broadsoft Phonebook server address	
Network	Display Name	17		127: Remote Phonebook URL &	
10 000	Register Name	17		AUTOP Manual Update Server URL	
▶ Phone	User Name	17		63: The rest of input boxes	
▶ PhoneBook	Password	•••••		Warning :	
Filonebook	SIP Server 1			warning .	
► Upgrade	Server IP	172.20.0.2	Port 5060	Field Description :	
	Registration Period	1800	(30~65535s)	Submit Shortcut	
Security	SIP Server 2			Submit Cancel	
		<u> </u>		Subinic	
	Server IP		Port 5060		
	Registration Period	1800	(30~65535s)		
	Outbound Proxy Server				
	Enable Outbound	Disabled	•		
	Server IP		Port 5060		
	Backup Server IP		Port 5060		
	Transport Type				
	Transport Type	UDP	•		
	NAT				
	NAT	Disabled	•		
	Stun Server Address	Disabled	Port 3478		
	Stan Server Address	-	1010 3470		
	Submit	Cance	4		

Sections	Description		
SIP Account	To display and configure the specific Account settings.		
	• Status: To display register result.		
	• Display Label: Label is displayed on the phone's LCD		
	screen.		
	• Display Name: Name is sent to the other call party for		
	displaying.		
	• Register Name: Allocated by SIP server provider, used for		
	authentication.		
	• User Name: Allocated by your SIP server provide, used for		
	authentication.		
	• Password: Used for authorization.		
SIP Server 1	To display and configure Primary SIP server settings.		
	• Server IP: SIP server address, it could be an URL or IP		
	address.		

	• Registration Period: The registration will expire after		
	Registration period. The IP phone will re-register		
	automatically within registration period.		
SIP Server 2	To display and configure Secondary SIP server settings.		
	This is for redundancy, if registering to Primary SIP server		
	fails, the IP phone will go to Secondary SIP server for		
	registering.		
	Note : Secondary SIP server is used for redundancy; it can be		
	left blank if there is not redundancy SIP server in user's		
	environment.		
Outbound Proxy Server	To display and configure Outbound Proxy server settings.		
	An outbound proxy server is used to receive all initiating		
	request messages and route them to the designated SIP server.		
	Note: If configured, all SIP request messages from the IP		
	phone will be sent to the outbound proxy server forcefully.		
Transport Type	To display and configure Transport type for SIP message		
	• UDP: UDP is an unreliable but very efficient transport		
	layer protocol.		
	• TCP: Reliable but less-efficient transport layer protocol.		
	• TLS: Secured and Reliable transport layer protocol.		
	• DNS-SRV: A DNS RR for specifying the location of services.		
NAT	To display and configure NAT (Net Address Translator)		
	settings.		
	• STUN: Short for Simple Traversal of UDP over NATS, a		
	solution to solve NAT issues.		
	Note: By default, NAT is disabled.		

5.3. Account->Advanced

Path: Web UI->Account->Advanced

Account-Advanced			Help
Codecs			
	abled Codecs		Note : Max length of characters for inp
G723_53 A PCM G723_63 PCM			box:
G726-32 G72	9		255: Broadsoft Phonebook serv
G72	2		address
			127: Remote Phonebook URL & AUTOP Manual Update Server I
>>	<u>t</u>		63: The rest of input boxes
<<	1		
			Warning :
			Field Description -
			Field Description :
			Submit Shortcut
Subscribe			Submit Cancel
MWI Subscribe	Disabled	x	
MWI Subscribe Period	1800	(1800~65535s)	
Voice Mail Number	2. 		
DTMF			
Туре	RFC2833	*	
How To Notify DTMF	Disabled	•	
DTMF Payload	101	(96~127)	
Call			
Max Local SIP Port	5062	(1024~65535)	
Min Local SIP Port	5062	(1024~65535)	
Caller ID Header	FROM		
Auto Answer	Disabled	Y	
Ringtones Provisional Response ACK	Default	T	
User=Phone	Disabled	• •	
PTime	20	• •	
Anonymous Call	Disabled	T	
Anonymous Call Rejection	Disabled	T	
Is escape non Ascii character	Enabled	T	
Missed Call Log	Enabled	T	
Music Server Address			
Active	Disabled	T	
Music Server Address	Libabieu		
Session Timer		104	
	Disabled	T	
Active Session Expire	1800	(90~7200s)	
Session Expire Session Refresher	UAC	(90~7200s)	
Broadsoft	UNC		

Sections	Description				
SIP Account	To display current Account settings or to select which account				
	to display.				
Codecs	To display and configure available/unavailable codecs list.				
	Codec means coder-decoder which is used to transfer analog				
	signal to digital signal or vice versa.				
	Familiar codecs are G723_53, G723_63, G726_32, PCMA,				
	РСМИ, G.729, G722.				
Subscribe	To display and configure MWI, subscription settings.				
	• MWI: Message Waiting Indicator which is used to				
	indicate whether there is unread new voice messages.				
DTMF	To display and configure DTMF settings.				
	• Type: Support Inband, Info, RFC2833 or their				
	combination.				
	• How To Notify DTMF: Only available when DTMF Type is				
	Info.				
	• DTMF Payload: To configure payload type for DTMF.				
	Note: By default, DTMF type is RFC2833 which is the				
	standard. Type Inband uses inband frequency to indicate				
	DTMF tone which is most used to be compatible to traditional				
	telephone server. Type Info use SIP Info message to indicate				
	DTMF message.				
Call	To display and configure call-related features.				
	• Max Local SIP Port: To configure maximum local sip port				
	for designated account.				
	• Min Local SIP Port: To configure minimum local sip port				
	for designated account.				
	• Caller ID Header: To configure which Caller ID format to				
	fetch for displaying on Phone UI.				
	• Auto Answer: If enabled, IP phone will be auto-answered				
	when there is an incoming call for designated account.				
	• Ringtones: Choose the ringtone for each account.				
	• Provisioning Response ACK: 100% reliability for all				
	provisional message, this means it will send ACK every				
	time the IP phone receive a provisional SIP message				
	from SIP server.				
	• User=phone: If enabled, IP phone will send user=phone				
	within SIP message.				
	• PTime: Interval time between two consecutive RTP				
	packets.				
	• Anonymous Call: If enabled, all outgoing call for the				
	designated account will be anonymous number.				
	• Anonymous Call Rejection: If enabled, all incoming				
	anonymous call for the designated account will be				

	rejected.
	• Is escape non Ascii character: To transfer the symbol to
	Ascii character.
	• Missed Call Log: To display the miss call log.
	• Prevent SIP Hacking: Enable or disable to prevent SIP
	from hacking
Music Server Address	To display or configure third-party MOH (music-on-hold)
	server.
	• Active: To enable or disable this MOH server, If enabled,
	the IP phone will play MOH from configured server.
	• Music Server Address: To configure MOH server address.
Session Timer	To display or configure session timer settings.
	• Active: To enable or disable this feature, If enable, the
	ongoing call will be disconnected automatically once the
	session expired unless it's been refreshed by UAC or UAS.
	• Session Expire: Configure session expire time.
	• Session Refresher: To configure who should be response
	for refreshing a session.
	Note: UAC means User Agent Client, here stands for IP phone.
	UAS means User Agent Server, here stands for SIP server.
Broadsoft	To display or configure Broadsoft AOC feature.
	• AOC:A feature used to be accounting on Broadsoft
	platform.
Encryption	To enable or disabled SRTP feature.
	• Voice Encryption (SRTP):If enabled, all audio
	signal(technically speaking it's RTP streams) will be
	encrypted for more security.
NAT	To display NAT-related settings.
	• UDP keepalive message: If enabled, IP phone will send
	UDP keepalive message periodically to router to keep
	NAT port alive.
	 UDP Alive Msg Interval: Keepalive message interval.
	• Rport: Remote Port, if enabled, it will add Remote Port
	into outgoing SIP message for designated account.
Conference	To select Local or network conference
	• Type: To select desired conference type
	• Conference URI: If network conference is selected, a
	network conference URI is needed to be input.
User Agent	One can customize User Agent field in the SIP message; If user
	agent is set to specific value, user could see the information
	from SIP message. If user agent is not set by default, user
	could see the company name, model number and firmware
	version from SIP message.
	version nom sin message.

5.4. Network->Basic

Path: Web UI->Network->Basic

Network-Ad	vanced			Help
Local RTP				Note :
	Max RTP Port	12000	(1024~65535)	Max length of characters for inp
	Min RTP Port	11800	(1024~65535)	box:
SNMP				255: Broadsoft Phonebook serve address
	Active	Disabled	•	address 127: Remote Phonebook URL &
	Port		(0~65535)	AUTOP Manual Update Server U
	Trusted IP			63: The rest of input boxes
VLAN LAN Port				
LAN Port	Active	Enabled	*	Warning :
	VID	100	(1~4094)	Citate Descriptions
	Priority	0	•	Field Description :
PC Port	Active	Disabled	V (1. 1001)	Submit Shortcut
Value -	VID Priority	1	(1~4094) T	Submit Cancel
0.0	Phoney	0		
QoS		1000		
	SIP QoS	40	(0~63)	
	Voice QoS	40	(0~63)	
TR069				
	Active	Disabled	•	
	Version	1.0	•	
ACS	URL User Name			
	Password			
Periodic Infor		Disabled	T	
	Periodic Interval	1800	(3~3600s)	
CPE	URL			
	User Name			
	Password	•••••		
	Submit		Cancel	
	oubline		Carreer	

Sections	Description		
LAN Port	To display and configure LAN Port settings.		
	• DHCP: If selected, IP phone will get IP address, Subnet		
	Mask, Default Gateway and DNS server address from		
	DHCP server automatically.		
	• Static IP: If selected, you have to set IP address, Subnet		
	Mask, Default Gateway and DNS server manually.		
	• PPPoE: Use PPPoE username/password to connect to		
	PPPoE server.		

5.5. Network->Advanced

Path: Web UI->Network->Advanced

	Network-Advar	iced			Help
ccount	Local RTP				пср
etwork	LOCALKTP	Max RTP Port Min RTP Port	12000 11800	(1024~65535) (1024~65535)	Note : Max length of characters for input box:
Basic	SNMP		L.		255: Broadsoft Phonebook server
Advanced		Active Port Trusted IP	Disabled	▼ (0~65535)	address 127: Remote Phonebook URL & AUTOP Manual Update Server URL
hone	VLAN				63: The rest of input boxes
honeBook	LAN Port	Active VID	Enabled 100	▼ (1~4094)	Warning :
lpgrade ecurity	PC Port	Priority Active VID	0 Disabled 1	▼ ▼ (1~4094)	Field Description : Submit Shortcut
	0.5	Priority	0	•	Subnit
	QoS	SIP QoS Voice QoS	40 40	(0~63) (0~63)	
	TR069		1		
		Active Version	Disabled	¥	
	ACS	URL User Name Password			
	Periodic Inform	Active Periodic Interval	Disabled 1800	(3~3600s)	
	CPE	URL User Name			
		Password	•••••	Cancel	

Sections	Description			
Local RTP	To display and configure Local RTP settings.			
	• Max RTP Port: Determine the maximum port that RTP			
	stream can use.			
	• Min RTP Port: Determine the minimum port that RTP			
	stream can use.			
SNMP	To display and configure SNMP settings.			
	• Active: To enable or disable SNMP feature.			
	• Port: To configure SNMP server's port.			
	• Trusted IP: To configure allowed SNMP server address,it			
	could be an IP address or any valid URL domain name.			
	Note: SNMP(Simple Network Management Protocols) is			
	Internet-standard protocol for managing devices on IP			
	networks.			
VLAN	To display and configure VLAN settings.			
	• LAN Port/PC Port:You can configure VLAN setting for			
	both ports respectively.			
	• Active:To enable or disable VLAN feature for designated			
	port.			

	• Vid:To configure VLAN id for designated port.		
	• Priority: To select VLAN priority for designated port.		
	Note: Please consult your administator for specific VLAN		
	settings in your networking environment.		
QoS	To display and configure QoS settings.		
	• SIP QoS:To configure QoS value for all SIP message.		
	Voice QoS:To configure QoS value for all audio stream(RTP		
	streams).		
TR069	To display and configure TR069 settings.		
	• Active: To enable or disable TR069 feature.		
	• Version: To select supported TR069 version (version 1.0		
	or 1.1).		
	• ACS/CPE: ACS is short for Auto configuration servers as		
	server side, CPE is short for Customer-premise		
	equipment as client side devices.		
	• URL: To configure URL address for ACS or CPE.		
	• User name: To configure username for ACS or CPE.		
	• Password: To configure Password for ACS or CPE.		
	• Periodic Inform: To enable periodically inform.		
	• Periodic Interval: To configure interval for periodic		
	inform.		
	Note : TR-069(Technical Report 069) is a technical		
	specification entitled CPE WAN Management Protocol		
	(CWMP).It defines an application layer protocol for remote		
	management of end-user devices.		

5.6. Phone ->Time/Lang

Path: Web UI->Phone->Time/Lang

						Log(
Status	Time/Lang				Help	
► Account	Web Language					
	Type		English	¥	Note :	1
Network			English		Max length of characters for input box:	
▼ Phone	LCD Language		(Decours)		255: Broadsoft Phonebook server	
THEATE	Туре		Русский	•	address	
Time/Lang	Format Setting				127: Remote Phonebook URL &	
Preference	Time Format		24Hour		AUTOP Manual Update Server URL 63: The rest of input boxes	
Preterence	Date Format		DD-MM-YYYY	•	63: The rest of input boxes	
Call Feature	Display Mode		Day	•	Warning :	
	Туре				-	
Voice	Manual				Field Description :	
Key/Display	Date	Year	Mon	Day		
Rey/Display	Time	Hour	Min	Sec	Submit Shortcut	
Ringtones	Auto				Submit Cancel	
	NTP					
Tones	Time Zone	+5 Russia(Ch	nelyabinsk)	¥		
Dial Plan	Primary Server	172.20.0.2				
Charthan	Secondary Server	172.20.0.2				
Action URL	Update Interval	3600	(>= 3600s)			
	Daylight Saving Time					
PhoneBook	Active		Disabled	Y		
S	OffSet		60	(-300~300Minutes)		
Upgrade	By Date					
Security	Start Time		1 Mon	1 Day 0 Hour		
	End Time		12 Mon	31 Day 23 Hour		
العاد فالبالية الم	By Week Start Month		Jan	T		
	Start Week Of Month		First In Month	•		1
	Start Day Of Week		Monday	•		
	Start Hour		0	(0~23)		
	End Month		Dec	V		1
	End Week Of Month		Fourth In Mont			
	End Day Of Week		Sunday	T		
	End Hour		23	(0~23)		
	Su	Ibmit	Car	icel		

Sections	Description			
Web Language	To choose the web language.			
LCD Language	To choose the phone language.			
Format Setting	To configure time display settings.			
	• Time Format: Determine what format to display on			
	Phone UI(12 hour/24 hour).			
	• Date Format: Determine what format to display on			
	Phone UI for Date.			
	• Display Mode: Determine what mode to display Time &			
	Date on Phone UI.			
Туре	To select how to configure time, it could be set by manually or			
	get from INTERNET automatically via NTP server.			
	 Manual: To set Time and Date manually. 			
	• Auto: To get Time via NTP server.			
	Note: If you set time to be Manually, it only take effect till next			
	reboot, after reboot, the phone will switch to Auto mode			
	automatically, because there is no way for IP phone to record			
NTD	time during power off. To configure NTP server related settings.			
NTP				
	 Time Zone: To select local Time Zone for NTP server. Drimony Server, To configure primary NTD convert 			
	 Primary Server: To configure primary NTP server address. 			
	 Secondary Server: To configure secondary NTP server 			
	address, it takes effect if primary NTP server is			
	unreachable.			
	 Update interval: To configure interval between two 			
	consecutive NTP requests.			
	Note : NTP, Network Time Protocol is used to automatically			
	synchronize local time with INTERNET time, since NTP server			
	only response GMT time, so that you need to specify the Time			
	Zone for IP phone to decide the local time.			
Daylight Saving Time	To display or configure DST settings.			
	Note: Here DST, is short for Daylight saving time, which			
	stands for the time in the summer days when sun rises early			
	will be adjusted forward to save daylight. The DST will take			
	effects during the period that set by user. (all the settings for			
	DST are all self-explanatory, please consult with your			
	administrator for local DST details).			

5.7. Phone->Preference

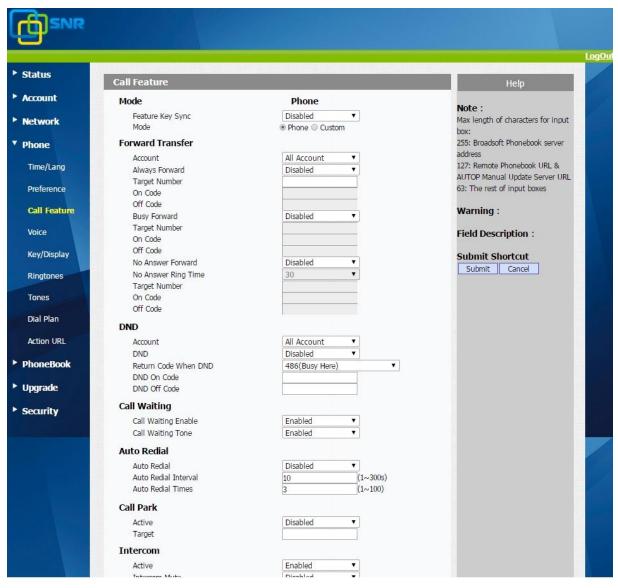


Preference		Help
tus preference work key Press Sound work Key Press Sound volume Volume re/Lang Volume ference I Feature key /Display volume lan	Disabled • 8 (0~15) 0 (0~15) Cancel	Help Note : Max length of characters for input box: 255: Broadsoft Phonebook server address 127: Remote Phonebook URL & AUTOP Manual Update Server URL 63: The rest of input boxes Warning : Field Description : Submit Shortcut Submit Cancel
ion URL IneBook Irade urity		

Sections	Description			
Headset Mode	To enable or disable Headset Mode.			
	• Active: If enabled, the default audio track will be headset			
	mode, if audio track is changed during a call, it will be			
	back to headset mode after you hang up the call.			
Key Press Sound	To configure the sound volume for key press.			
	• Volume: The valid volume range is from 0~15,by default			
	it's 8.			
Ringtone Volume	To configure the sound volume for ringtone.			
	• Volume: The valid volume range is from $0 \sim 15$, by default			
	it's 8.			

5.8. Phone->Call Feature

Path: Web UI->Phone->Call Feature



Sections	Description	
Mode	To enable or disable feature key sync.	
	•Feature Key Sync: To enable or disable feature key sync.	
	●Mode: Select the desired mode.	
Forward Transfer	To display and configure Forward setting.	
	Note: There are three types of forward: Always Forward, Busy	
	Forward and No answer Forward.	
	• Always Forward: Any incoming call will be forwarded in	
	any situation.	

	Duar Forward, An incoming call will be forward, d. (6 ID
	 Busy Forward: An incoming call will be forwarded if IP
	phone is busy.
	• No answer Forward: An incoming call will be forwarded
<u> </u>	if it's no answer after a specific time.
Call Waiting	To enable or disable Call Waiting.
	• Call Waiting Enable: If enabled, it allows IP phones to
	receive a new incoming call when there is already an
	active call.
	• Call Waiting Tone: If enabled, it allows IP phones to play
	the call waiting tone to the waiting callee.
Auto Redial	Auto redial allows IP phones to redial an unsuccessful call for
	designated times within designated interval.
	• Auto Redial: To enable or disable auto redial feature.
	• Auto Redial Interval: Determine the interval between
	two consecutive attempts.
	• Auto Redial Times: Determine how many times to redial.
DND	• DND(Do Not Disturb) allows IP phones to ignore any
	incoming calls.
	• Return Code when DND: Determine what response code
	should be sent back to server when there is an incoming
	call if DND on.
	• DND On Code: The Code used to turn on DND on server's
	side, if configured, IP phone will send a SIP message to
	server to turn on DND on server side if you press DND
	when DND is off.
	• DND Off Code: The Code used to turn off DND on server's
	side, if configured, IP phone will send a SIP message to
	server to turn off DND on server side if you press DND
	when DND is on.
Call Park	Call park allows users to park a call to a special extension and
	then retrieve it via any other phone within the same system.
	• Active: To enable or disable call park feature.
	• Account: To determine which account to take effect.
	• Target: To configure a designated target extension.
	Note: Please consult with your telephony system
	administrator for special extension on your system.
Intercom	Intercom allow user to establish a call directly with the callee.
	• Active: To enable or disable Intercom feature.
	• Intercom Mute: If enabled, once the call established, the
	callee will be muted.
Hot Line	Hot Line allow user to call out the defined number
	automatically without dialing any number.
	 Active: To enable or disable Hot Line feature.
	 Number: the number you want to dial out automatically.
	- Rumber, the number you want to that out automatically.

	• Delay Time: the delay time before calling out.
Remote Control	Remote Control allows specific host to interact with IP phone
	by sending HTTP or HTTPS requests. The specific action could
	be answering an incoming call, hang up an ongoing call and
	so on.
	• Allowed Access IP List: To configure the allowed host
	address.
	Note: For now, IP phone can only support IP address, IP
	address list and IP address pattern as allowed hosts
Keypad Lock	Keypad Lock allows to lock the keypad of your phone
	temporarily when you are not using it. This feature helps to
	protect your phone from unauthorized use.
	• Keypad Lock Type: To lock the phone with function keys
	or all keys;
	• Keypad Unlock PIN: To lock the phone with a password.
	• Keypad Lock Timeout: the idle interval to lock the phone.
Key As Send	Key As Send allows you to disable send key or assign pound
	key as send key.
Others	• Return Code When Refuse: Allows user to assign specific
	code as return code to SIP server when an incoming call
	is rejected.
	• Auto Answer Delay: To configure delay time before an
	incoming call is automatically answered.
	• Early DTMF: To enable or disable early DTMF

5.9. Phone->Voice

Path: Web UI->Phone->Voice

tus	Voice			Help
ount	Echo Canceller			Note :
work	Echo Canceller VAD	Enabled Disabled	• •	Max length of characters for input box:
ne	CNG	Enabled	Ŧ	255: Broadsoft Phonebook server address
e/Lang	Jitter Buffer Jitter Type	Fixed	T	address 127: Remote Phonebook URL & AUTOP Manual Update Server URL
ference	Min Delay Nominal Delay	0 120	(0~1000ms) (0~1000ms)	63: The rest of input boxes
Feature	Max Delay	300	(0~1000ms)	Warning :
ce	Mic Volume Handset Volume	0	(1~15)	Field Description :
/Display	Headset Volume Hand Free Volume	8 8 8	(1~15) (1~15) (1~15)	Submit Shortcut
gtones	Submit	P Car		Submit Cancel
ies	Submit	Cal	(ce)	
Plan				
on URL				
neBook				
rade				
urity				

Sections	Description
Echo Canceller	Echo Canceller: To remove acoustic echo from a voice
	Communication in order to improve the voice quality.
	• VAD (Voice Activity Detection): Allow IP phone to detect
	the presence or absence of human speech during a call.
	When detecting period of "silence", VAD replaces that
	silence efficiently with special packets that indicate
	silence is occurring. It can facilitate speech processing,
	and deactivate some processes during non-speech
	section of an audio session. It can avoid unnecessary
	coding or transmission of silence packets in VoIP
	applications, saving on computation and network
	bandwidth.
	• CNG (Comfort Noise Generation):allow IP phone to
	generate comfortable background noise for voice
	communications during periods of silence in a
	conversation. It is a part of the silence suppression or
	VAD handling for VoIP technology. CNG, in conjunction
	with VAD algorithms, quickly responds when periods of
	silence occur and inserts artificial noise until voice
	activity resumes. The insertion of artificial noise gives

the illusion of a constant transmission stream, so that
background sound is consistent throughout the call and
the listener does not think the line has released.
Jitter buffer is a shared data area where voice packets can be
collected, stored, and sent to the voice processor in even
intervals. Jitter is a term indicating variations in packet arrival
time, which can occur because of network congestion, timing
drift or route changes. The jitter buffer, located at the
receiving end of the voice connection, intentionally delays the
arriving packets so that the end user experiences a clear
connection with very little sound distortion.
IP phones support two types of jitter buffers: fixed and
adaptive.
Fixed: Add the fixed delay to voice packets. You can configure
the delay time for the static jitter buffer on IP phones.
Adaptive: Capable of adapting the changes in the network's
delay. The range of the delay time for the dynamic jitter buffer
added to packets can be also configured on IP phones.
To configure Microphone volume for headset, handset and
speaker mode.

5.10.Phone->Key/Display

Dath.	Mah	III S Dh	ana Norr	/Diambre
raui:	web	01-2811	one->Key	/Display

us	Key/Displa	v			Help
ount	Soft Key				
work	Key Soft Key 1	Type History T	Label	Value	Note : Max length of characters for input box:
ne	Soft Key 2 Soft Key 3	DND 🔻			255: Broadsoft Phonebook server address
e/Lang	Soft Key 4 Function I	hanna and ha			127: Remote Phonebook URL & AUTOP Manual Update Server URI
ference	Key	Type	Value		63: The rest of input boxes
Feature	OK Cancel	Status V N/A V			Warning :
æ	Forward Book	Fwd v Book v		-	Field Description :
//Display	RD Mute	Redial V N/A V		_	Submit Shortcut
gtones	Others				
es	Backlight Backlight	Intensity		4 v 20 v	
l Plan	Docklight	Subr	iit	Cancel	
on URL					
neBook					
ade					
irity					

Sections	Description		
Soft Key	Allows user to assign specific feature to the designated soft		
	keys.		
	For softkey, the available features list:		
	DND, Menu, MSG, Status, Book, Fwd, PickUp, Group, PickUp,		
	Intercom, Speed Dial, History, Favorites, Redial, CallReturn,		
	HotDesking.		
Function Key	Allows user to assign specific feature to the designated		
	function keys.		
	For function keys, the available features list:		
	N/A, DND, Menu, MSG, Status, Book, Fwd, PickUp, Group		
	PickUp, Intercom, Speed Dial, History, Favorites, Redial,		
	CallReturn, HotDesking, XML Browser.		
Others	• Backlight Intensity: To adjust the backlight intensity of		
	Phone UI.		
	• Backlight Time: To adjust backlight on timer, once		
	expired the backlight of Phone UI will go off.		

5.11.Phone->Ring tones

Path:	Web	UI->Phone->	Ringtones
-------	-----	-------------	-----------

	Ringtones		Help
Account	All Ringtones		
Network	Upload(Max Total Size: 100K)	Выберите файл Файл не выбран Submit Cancel	Note : Max length of characters for input box:
Phone	Uploaded Ringtones		255: Broadsoft Phonebook server
Time/Lang	System Ringtones	Delete Bellcore-dr1.wav	address 127: Remote Phonebook URL & AUTOP Manual Update Server URL
Preference	Distinctive Ringers		63: The rest of input boxes
	Index Key	word Ringtone	
Call Feature	0	Ring1.wav 🔻	Warning :
Voice	1	Ring1.wav 🔻	Field Description :
Tonce	2	Ring1.wav 🔻	Field Description .
Key/Display	3	Ring1.wav 🔻	Submit Shortcut
	4	Ring1.wav 🔻	Submit Cancel
Ringtones	5	Ring1.wav 🔻	Submic Cancer
	6	Ring1.wav 🔻	
Tones	7	Ring1.wav 🔻	
	8	Ring1.wav 🔻	
Dial Plan	9	Ring1.wav 🔻	
Action URL	10	Ring1.wav 🔻	
ACUON UKL	11	Ring1.wav 🔻	
PhoneBook	Submit	Cancel	
Upgrade			

Sections	Description
All Ringtones	Allow user to upload and view ringtone files or delete
	uploaded ringtone files.
Distinctive Ringers	Distinctive ringers allow different incoming calls to trigger
	distinctive ringtones. The IP phone will check "Alert-Info"
	header inside the incoming "invite" SIP message. And strip
	out the URL or keyword inside the "Alert-Info" header, from
	the specific URL or keyword to match or download designated
	ringtones to play.

5.12.Phone->Tones

Path: Web UI->Phone->Tones

► Status	Tone					
► Account	Select Country		Default	T	Help	
Network	Ring Back Dial				Note : Max length of characters for input	
▼ Phone	Call Waiting DTMF 0 DTMF 1				box: 255: Broadsoft Phonebook server address	
Time/Lang	DTMF 2 DTMF 3				127: Remote Phonebook URL & AUTOP Manual Update Server URL	
Preference	DTMF 4 DTMF 5				63: The rest of input boxes	
Call Feature	DTMF 6 DTMF 7				Warning :	
Voice	DTMF 8 DTMF 9				Field Description :	
Key/Display	DTMF * DTMF #				Submit Shortcut Submit Cancel	
Ringtones		Submit	Cancel			
Dial Plan						
Action URL						
▶ PhoneBook						
► Upgrade						
► Security						
		Copyright © 3	2014 NAG Telecom. All right	reserved.		
Secti	ions			Descriptio	n	
Tone		Allows us	ser to select a	specialized	l tone sets (classified	
		countries) or to customi	ze own tone	S.	
		Note: Ava	ilable country t	tones sets ar	e:	
		China, S	pain, Luxem	bourg, Swe	eden, Taiwan, Belgiu	
		Denmark, Finland, Germany, Netherlands, Norway, Portugal.				

5.13.Phone->Dial Plan->Replace Rule

						LogOu
► Status	Dial Plan				Help	
► Account	Rules	Replace Rule 🔻			-	
▶ Network	Index Prefix 1	F	teplace	•	Note : Max length of characters for input box:	
▼ Phone	2				255: Broadsoft Phonebook server	1.
Time/Lang	4				address 127: Remote Phonebook URL &	
Time/Lang	5				AUTOP Manual Update Server URL	
Preference	6				63: The rest of input boxes	1
Call Feature	8				Warning :	- A.C.
	9 10				-	
Voice	Add	Edit	D	elete	Field Description :	
Key/Display	Rules Modify >>				Submit Shortcut	
Ringtones	Area Code					
Tones	Code					
	Min Length Max Length	1	(1~15) (1~15)			
Dial Plan	Max Lengui		(1~15)			
Action URL		Submit	Cancel			
PhoneBook						
▶ Upgrade						
Security						
		Copyright © 2014 NAC	6 Telecom. All right reserve	ed.	التقاولي المليان	

Path: Web UI->Phone->Dial Plan->Replace Rule

Sections	Description
Rules	Allow user to select Replace rule or Dial-now to display or edit.
Rules Modify	Allow user to modify selected rules information, for replace
	rule, you can modify related account, prefix and replace.
Area Code	Area codes are also known as NPAs (Numbering Plan Areas).
	They usually indicate different geographical areas within one
	country. If entered numbers match the predefined area code
	rule, the IP phone will automatically prefix outgoing number
	with area code.
	Note : There is only one area code rule supported.

5.14.Phone ->Dial Plan->Dial Now

Path: Web UI->Phone->Dial Plan->Dial Now

Sections	Description
Rules	Allow user to select Replace rule or Dial-now to display or edit.
Dial Now Delay	Allow user configure dial now delay time for dial now.
	It means user can configure the IP phone to dial out the
	phone number automatically after the designated delay time if
	it match any dial now rule.
Rules Modify	Allow user to modify selected rules information, for dial-now
	rule, user can modify related account, Dial now Rule itself.
Area Code	Area codes are also known as NPAs (Numbering Plan Areas).
	They usually indicate different geographical areas within one
	country. If entered numbers match the predefined area code
	rule, the IP phone will automatically prefix outgoing number
	with area code.
	Note: There is only one area code rule supported.

5.15.Phone ->Action URL

Path: Web UI->Phone->Action URL

Status	Action URL		Help
Account	ActionURL		
Network	Active	Disabled 🔹	Note : Max length of characters for input
	Setup Completed		box:
Phone	Registered		255: Broadsoft Phonebook server
none	Unregistered		address
Time/Lang	Registered Failed		127: Remote Phonebook URL &
Contraction of the second s	Off Hook		AUTOP Manual Update Server URL
Preference	On Hook		63: The rest of input boxes
	Incoming Call		
Call Feature	Outgoing Call		Warning :
	Established		
Voice	Terminated		Field Description :
	Open DND		neid beschption i
Key/Display	Close DND		Submit Shortcut
	Open Always FWD		Submit Cancel
Ringtones	Close Always FWD		Submic Cancer
	Open Busy FWD		
Tones	Close Busy FWD		
	Open No Answered FWD		
Dial Plan	Close No Answered FWD		
	Transfer Call		
Action URL	Blind Transfer		
	Attended Transfer		
PhoneBook	Hold		
	UnHold		
Upgrade	Mute		
	UnMute		
ecurity	MissedCall		
country			
	IP Changed		
	FWD Incoming Call		
	Reject Incoming Call		
	Answer New Call		
	Transfer Finished		
	Transfer Failed		

Sections	Description	
Action URL	To display and configure Action URL settings.	
	Setup Completed: When the IP phone completes startup.	
	• Registered: When the IP phone successfully registers an	
	account.	
	• Unregistered: When the IP phone logs off the registered	
	account.	
	• Register Failed: When the IP phone fails to register an	
	account.	
	• Off Hook: When the IP phone is off hook.	
	• On Hook: When the IP phone is on hook.	
	• Incoming Call: When the IP phone receives an incoming	
	call.	
	• Outgoing Call: When the IP phone places a call.	
	• Established: When the IP phone establishes a call.	
	• Terminated: When the IP phone terminates a call.	
	• Open DND: When the IP phone enables the DND mode.	

•	Close DND: When the IP phone disables the DND mode.
•	Open Always Forward: When the IP phone enables the
	always forward.
•	Close Always Forward: When the IP phone disables the
	always forward.
•	Open Busy Forward: When the IP phone enables the
	busy forward.
•	Close Busy Forward: When the IP phone disables the
	busy forward.
•	Open No Answer Forward: When the IP phone enables
	the no answer forward.
•	Close No Answer Forward: When the IP phone disables
	the no answer forward
•	Transfer Call: When the IP phone transfers a call.
•	Blind Transfer: When the IP phone blind transfers a call.
•	Attended Transfer: When the IP phone performs the
	semi-attended/attended transfer.
•	Hold: When the IP phone places a call on hold.
•	UnHold: When the IP phone retrieves a hold call.
•	Mute: When the IP phone mutes a call.
•	UnMute: When the IP phone un-mutes a call.
•	Missed Call: When the IP phone misses a call.
•	IP Changed: When the IP address of the IP phone
	changes.
•	FWD Incoming Call: When the IP phone forwards an
	incoming call.
•	Reject Incoming Call: When the IP phone rejects an
	incoming call.
•	Answer New Call: When the IP phone answers a new call.
•	Transfer Finished: When the IP phone completes to
	transfer a call.
•	Transfer Failed: When the IP phone fails to transfer a call.
•	Idle To Busy: When the state of the IP phone changes
	from idle to busy.
•	Busy To Idle: When the state of phone changes from busy
	to idle.

5.16.PhoneBook->Local Phone Book

Path: Web UI->PhoneBook->Local Bo

Local Book				Help
Contact	All Contacts	T		пер
Search		Search	Reset	Note : Max length of characters for input
Dial			Hand Up	box:
	ffice Num Mobile 1		Ring Grou	255: Broadsoft Phonebook server address
1	ince weini Proble i	our our num	Tring Group	127: Remote Phonebook URL &
2				AUTOP Manual Update Server UR
4				63: The rest of input boxes
5				Warning :
7				Field Description :
8				- O
9				
Page 1 V Prev	Next Mo	ve To All Contacts 🔻	Delete Del	ete All
Contact Setting				
Name		Office Num		
Mobile Num Ring	Auto 🔻	Other Num		1.
Group	Default V			
	Add	Edit Cancel	1	
	Add	Cancer]	
Group Index Name	Ring	Dec	ription	-
1	Rang	0.00	inpuon.	1
2				
4				
5		_		0
)elete		Delete All	_
Group Setting				
	Name Ring	Auto 🔻		
	Description	vi35.55		
	Add	Edit Car	cel	
Import/Export				
Contact	ſ	Выберите файл Файл	не выбран (,ХМ	II.)
Contact	ſ	Import Export	Cancel	
Black List		Выберите файл Файл		IL)
		and the second se		

Sections	Description		
Contact	To display and select local contact type.		
	• All Contacts: To display or edit all local contacts.		
	• Favorites: To display or edit favorites contacts.		
	• Black List: To display black list contacts.		
Search	To search designated contacts from local phonebook.		
Dial	To dial out a call or hang up an ongoing call from Web UI.		
	Note: For this feature, you need to have the remote control		
	privilege to control IP phone via Web UI. Please refer to		
	section "Remote Control" in the Web UI->Phone->Call Feature		

	page.		
Group	To display or edit Group contacts.		
Group Setting	To display or change Group name, related ringtone or		
	description.		
Import/Export	To import or export the contact or blacklist file.		

5.17.Phone Book->Remote Phone Book

					LogOut
► Status	Remote Book			Help	
► Account	Remote Book			Note :	
► Network	Index 1	Local Book URL	Local Book Name	Max length of characters for input box:	
▶ Phone	2 3			255: Broadsoft Phonebook server address	
▼ PhoneBook	4			AUTOP Manual Update Server URL	
Local Book		Submit Cancel		63: The rest of input boxes	
Remote Book				Warning :	
Call Log				Field Description :	
LDAP				Submit Shortcut	
Broadsoft				Submit Cancel	
► Upgrade					
► Security					
		Copyright © 2014 NAG Telecom. All right r	reserved.		
Sect	tions		Descriptio	n	
Remote Book		To display and configure	e Remote Bo	ok settings.	
		Index: To select desire	d Remote E	Book item to display	and
		configure.			
		Local Book URL:To conf	figure remot	e hook server address	
		Local Book Name: To co	-		
		Phone UI	,	, any 10111000 200000	• • • •
		Search Remote Phonebo	ook Name T	'o onable or disable se	arch
					artn
		remote phonebook nam		1 (D from 12)) - to
		Search Flash Interval: '	To set inter	val (Range from 120	ls to
		2592000s)			

5.18.Phone Book->Call log

Path: Web UI->PhoneBook ->Call Log

Status	Cal	ll Log							Help
Account	-	all Histor		All	 Hand Up 				нер
	Index	stilling Proposition	y Date	Time	Local Identity	Name	Number		Note :
etwork	1	Received	2014-12-18	10:21:48	and a second	Evgeniu Pankov	167@172.20.0.2	0	Max length of characters for input
none	2	Missed	2014-12-18	09:10:35	17@172.20.0.2	Litvinov	155@172.20.0.2	0	box: 255: Broadsoft Phonebook server
honeBook	3	Received	2014-12-17	17:23:15	17@172.20.0.2	Anastasia Gultyaeva	302@172.20.0.2		address 127: Remote Phonebook URL &
nonebook	4	Missed	2014-12-17	17:15:22	17@172.20.0.2	Leonid Korolev	<u>117@172.20.0.2</u>	0	AUTOP Manual Update Server URL
Local Book	5	Received	2014-12-17	17:11:16	17@172.20.0.2	Litvinov Alexandr	<u>155@172.20.0.2</u>		63: The rest of input boxes
Remote Book	6	Received	2014-12-17	17:09:12	17@172.20.0.2	Litvinov Alexandr	155@172.20.0.2	0	Warning :
	7	Received	2014-12-17	16:51:46	17@172.20.0.2	Jdanova Galina	145@172.20.0.2		C. 110
all Log	8	Missed	2014-12-17	15:29:15	17@172.20.0.2	Evgeniya K	<u>118@172.20.0.2</u>	0	Field Description :
DAP	9	Received	2014-12-17	15:29:06	17@172.20.0.2	Viktor Tyupa	130@172.20.0.2		
	10	Received	2014-12-17	14:34:55	17@172.20.0.2	Viktor Tyupa	130@172.20.0.2	0	
roadsoft	11	Received	2014-12-17	14:18:31	17@172.20.0.2	Viktor Tyupa	130@172.20.0.2		
	12	Received	2014-12-17	14:08:06	17@172.20.0.2	Viktor Tyupa	130@172.20.0.2	0	
grade	13	Received	2014-12-17	13:32:34	17@172.20.0.2	Tenikov Vladimir	148@172.20.0.2		
curity	14	Missed	2014-12-17	11:44:07	17@172.20.0.2	Sergey Novikov	206@172.20.0.2	0	
cunity	15	Received	2014-12-17	11:24:35	17@172.20.0.2	Tenikov	148@172.20.0.2		

Sections	Description
Call History	To display call history records.
	Available call history type are All calls, Dialed calls, Received
	calls, Missed calls, Forwarded calls.
	HangUp: To click to hang up ongoing call on the IP phone.
	Note: For "HangUp" feature, you need to have the remote
	control privilege to control IP phone via Web UI. Please refer
	to section "Remote Control" in the Web UI->Phone->Call
	Feature page.

5.19.Phone Book->LDAP

Path: We	o UI->PhoneI	300k->LDAP
----------	--------------	------------

Account LDAP Network Name Filter Phone Port PhoneBook Base DN User Name User Name Local Book Name Attribute Number Attribute 1000 Display Name 1000 LDAP Search Delay Time Broadsoft Submit Upgrade Submit	Account LDAP Network Name Filter Phone Port PhoneBook Base DN User Name User Name Local Book Name Attribute Number Attribute 1000 Display Name 50 Call Log Max Hits Boodsoft Search Delay Time Upgrade Submit	Status	LDAP			Help
Phone Port 253: Broadsoft Monebook Server address PhoneBook Base DN address User Name 227: Remote Phonebook URL & AUTOP Manual Update Server URL Local Book Name Attribute 63: The rest of input boxes Remote Book Display Name 50 (1~500) Call Log Max Hits 50 (1~500) Broadsoft Submit Cancel Field Description : Broadsoft Submit Cancel Submit	Phone Port Cancel Submit Cancel PhoneBook Base DN address address User Name Max Hits address 127. Remote Phonebook URL & AUTOP Manual Update Server URL & AUTOP Manual Update Server URL & G3: The rest of input boxes Remote Book Number Attribute address 127. Remote Phonebook URL & AUTOP Manual Update Server URL & G3: The rest of input boxes Call Log Max Hits S0 (1~500) Field Description : LDAP Submit Cancel Submit Cancel Submit Cancel	Account Network	LDAP Name Filter Number Filter			Note : Max length of characters for input box:
Remote Book Display Name warning : Call Log Max Hits 50 (1~500) Search Delay Time 1000 (200~3000)ms Field Description : LDAP Submit Cancel Submit Shortcut Broadsoft Upgrade Upgrade Image: Cancel Submit Cancel	Remote Book Display Name warning : Call Log Max Hits 50 (1~500) Search Delay Time 1000 (200~3000)ms Broadsoft Upgrade	PhoneBook	Port Base DN User Name Password		(1~65535)	address 127: Remote Phonebook URL & AUTOP Manual Update Server URL
Broadsoft Upgrade	Broadsoft Upgrade	Call Log	Number Attribute Display Name Max Hits			Field Description :
Security	Security		Submit	Cancel		
		Security				

Sections	Description
LDAP	To display and configure LDAP phonebook settings.
	• Name Filter: The settings used to tell LDAP server what
	name attributes to search.
	• Number Filter: The settings used to tell LDAP server
	what number attributes to search.
	• Server: To configure LDAP server's address.
	• Port: To configure LDAP server's port.
	• Base DN: To configure searching base DN on LDAP
	server.
	• User Name: To configure user name for accessing LDAP
	server.
	• Password: To configure password for accessing LDAP
	server.
	• Name Attribute: To configure which name attributes
	should be feedback from LDAP server.

•	Number Attribute: To configure which number attributes
	should be feedback from LDAP server.
•	Display Name: To configure display name on Phone UI
	when there is any searching result from LDAP server.
•	Max Hits: To configure the maximum size of result
	response from LDAP server.
•	Search Delay Time: To configure delay time before
	initiate LDAP searching request after you input a value
	from Phone UI.

5.20.Phone Book->BroadSoft

Path: Web UI->PhoneBook->Broadsoft

adsoft roadsoft PhoneBoc PhoneBook Item Display Name Server Address Server Port User Name Password	Dok Item1 (1~65535) Submit	Cancel	Help Note : Max length of characters for input box: 255: Broadsoft Phonebook server address 127: Remote Phonebook URL & AUTOP Manual Update Server URL 63: The rest of input boxes Warning : Field Description : Submit Shortcut
PhoneBook Item Display Name Server Address Server Port User Name	Item1 (1~65535)	Cancel	Max length of characters for input box: 255: Broadsoft Phonebook server address 127: Remote Phonebook URL & AUTOP Manual Update Server URL 63: The rest of input boxes Warning : Field Description :
Display Name Server Address Server Port User Name	(1~65535)	Cancel	Max length of characters for input box: 255: Broadsoft Phonebook server address 127: Remote Phonebook URL & AUTOP Manual Update Server URL 63: The rest of input boxes Warning : Field Description :
Server Address Server Port User Name		Cancel	255: Broadsoft Phonebook server address 127: Remote Phonebook URL & AUTOP Manual Update Server URL 63: The rest of input boxes Warning : Field Description :
User Name		Cancel	127: Remote Phonebook URL & AUTOP Manual Update Server URL 63: The rest of input boxes Warning : Field Description :
Password [Cancel	Warning : Field Description :
[Submit	Cancel	Field Description :
			Submit Shortcut
			Submit Cancel

Sections	Description
Broadsoft PhoneBook	To display and configure Broadsoft PhoneBook settings.
	• PhoneBook Item: To select specific item to configure.
	Display Name: The name displayed at IP phone's LCD
	screen when accessed via Phone UI.
	• Server Address: Broadsoft PhoneBook server's address.
	• Server Port: Broadsoft PhoneBook server's port.

•	User Name: Username used to access Broadsoft
	PhoneBook server.
•	Password: Password used to access Broadsoft
	PhoneBook server.
N	ote: IP phone supports at most 5 Broadsoft PhoneBook
ite	ems.
I	For Broadsoft Phone Book's server address, port, username
ar	nd password, you need to consult your Broadsoft service
pi	rovider for further information.

5.21.Upgrade->Basic

Path: Web UI->Upgrade->Basic

<u> </u>	LogOut
► Status	
Upgrade-Basic	Help
Account Upgrade Network	Выберите файл файл не выбран Submit Cancel Note : Max length of characters for input
Firmware Version Hardware Version	50.143.3.11 box: 50.0.1.0.0.0.0 255: Broadsoft Phonebook server
Phone Reset To Factory Se Reboot	tting Submit address
► PhoneBook	127: Remote Phonebook URL & AUTOP Manual Update Server URL 63: The rest of input boxes
V Upgrade Basic	Warning :
Advanced	Field Description :
Security	
	Copyright © 2014 NAG Telecom. All right reserved.
Sections	Description
Upgrade	To select upgrading rom file from local or a remote server automatically. Note: Please make sure it's right file format for right model.
Firmware version	To display firmware version, firmware version starts with

MODEL name.

	For example, VP50 firmware version should be like
	50.xxx.xxx.xxx.
Hardware Version	To display Hardware version.
Reset to Factory Setting	To enable you to reset IP phone's setting to factory settings.
Reboot	To reboot IP phone remotely from Web UI.

5.22.Upgrade->Advanced

Path:Web UI->Upgrade->Advanced

▶ Phone Custom Option (128~254) box: 255: Broadsoft Phonebook address ▶ PhoneBook Manual Update Server URL 277: Remote Phonebook UAUTOP Manual Update Ser ♥ Upgrade User Name Password 277: Remote Phonebook UAUTOP Manual Update Ser Basic Common AES Key					▶ Status
PNP Config Enabled Note : PNP Config Enabled Max length of characters fn box: Phone Custom Option (128~254) PhoneBook Manual Update Server 25: Broadsoft Phonebook iddees Upgrade User Name 25: Broadsoft Phonebook iddees Basic Common AES Key 27: Remote Phonebook iddees Advanced AutoP Warning : Schedule Sunday v 22 Hour(0~23) AutoP Immediately Submit Cancel System Log Submit Cancel System Log Export PCAP Statt Stop Export PCAP Statt Stop Export Others Config File(.tpz)		Help			> Account
Phone DHCP Option 255: Broadsoft Phonebook PhoneBook Manual Update Server 255: Broadsoft Phonebook URL URL 127: Remote Phonebook Upgrade User Name 235: Broadsoft Phonebook Passic AutoP Warning: Advanced AutoP Field Description : Schedule Sunday ▼ 22 Hour(0~23) Submit Cancel System Log LogLevel Submit Cancel System Log LogLevel 3 ▼ Export Log Export PCAP PCAP Start Stop Export Others Config File(.tzg) Bufferure dpain dpain he BuffpaH		Note :		1011-011-010-000-010-010-010-010-010-01	ACCOUNT
 Phone Custom Option (128~254) 255: Broadsoft Phonebook address 127: Remote Phonebook URL Ugrade Basic Common AES Key Advanced AutoP Security Schedule AutoP Immediately Clear MD5 Export Submit Cancel System Log LogLevel Start Stop< Export Others Config File(.tgz) Bubepure dpain Despret dpain 	or input	Max length of characters for input	•	PNP Config	▶ Network
PhoneBook Manual Update Server 128-254) address Upgrade URL URL 04709 Manual Update Ser Basic Common AES Key 05: The rest of input boxes Advanced AutoP Warning : Field Description : Submit Shortcut Sceurity Mode Power On Schedule Sunday ▼ 22 Hour(0~23) AutoP Immediately Clear MDS Submit Export Submit Cancel System Log LogLevel 3 ▼ LogLevel 3 ▼ Export PCAP Start Stop PCAP Start Stop <export< td=""> Others Config File(.tgz) Bu6epure.dpain_@pain_He Bu6paH</export<>				DHCP Option	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
PhoneBook Manual Update Server 127: Remote Phonebook U URL User Name 0 Password 0 0 Basic Common AES Key 0 Advanced AutoP 0 Mode Power On V Schedule Sunday V 22 Hour(0~23) AutoP Immediately AutoProvision Submit Clear MD5 Submit Cancel System Log LogLevel 3 V Export Export Export PCAP Start Stop PCAP Start Stop Config File(.tgz) But Stop Texpotan Dakin He But Spat	server		(128~254)	Custom Option	Phone
VUpgrade: User Name AUTOP Manual Update Ser 63: The rest of input boxes Basic Common AES Key Warning : Advanced AutoP Field Description : Advonced Mode Power On ▼ Schedule Sunday ▼ 22 Hour(0~23) AutoP Immediately AutoProvision Submit Cancel System Log LogLevel 3 ▼ LogLevel 3 ▼ Export Export Log Export Export PCAP RCAP Statt Stop Export Others Config File(.tgz) BubGepure dpain Файл не выбран	JRL &	127: Remote Phonebook URL &		Manual Update Server	PhoneBook
Dyg rade Password Warning : Basic Common AES Key Image: Common AES Key Advanced AutoP Image: Common AES Key Advanced AutoP Image: Common AES Key Security Mode Power On ▼ Schedule Sunday ▼ 22 Hour(0~23) AutoP Immediately Glear MDS Submit Clear MDS Submit Export Submit Cancel Submit Submit Cancel Submit Submit Cancel Submit Submit Cancel Submit PCAP Start Stop PCAP Start< Stop <export< td=""> Others Config File(.tgz) Bu5epure dpain Файл не выбран</export<>		AUTOP Manual Update Server UR		URL	THOREEJOOK
Basic Common AES Key Field Description : Advanced AutoP Field Description : Mode Power On Image: Submit Shortcut Schedule Sunday ▼ 22 Hour(0~23) Submit Shortcut AutoP Immediately AutoProvision Submit Cancel System Log LogLevel 3 ▼ LogLevel 3 ▼ Export PCAP Start Stop PCAP Config File(.tgz) ButGepure dpain	s	63: The rest of input boxes		User Name	Vpgrade
Advanced AES Key(MAC) AttoP Advanced AutoP Mode Schedule Schedule Schedule AutoPTimmediately Clear MD5 Export Submit Cancel Submit Cancel System Log LogLevel Export Dod PCAP PCAP PCAP PCAP Config File(.tgz) Bu6epure.dpain @bain не выбран				Password	
Advanced AutoP Security Mode Schedule AutoP Immediately AutoP Immediately Clear MD5 Export Autop Template Submit Cancel System Log LogLevel Export DGP PCAP P		Warning :			Basic
AutoP Power On Submit Shortcut > Security Mode Sunday ▼ 22 Hour(0~23) Submit Shortcut AutoP Immediately AutoProvision Submit Cancel AutoP Immediately Glear MD5 Submit Export Autop Template Export Submit Cancel System Log LogLevel 3 ▼ Export Log Export PCAP Start PCAP Start Config File(.tgz) Bыберите файл Файл не выбран				AES Key(MAC)	Constant States
Schedule AutoP Immediately Clear MD5 Export Autop Template Submit Cancel System Log LogLevel Export Log PCAP PCAP PCAP PCAP PCAP PCAP PCAP Config File(.tgz)) Bыберите файл Файл не выбран		Field Description :		AutoP	Advanced
Schedule Sunday ▼ 22 Hour(0~23) Submit Cancel AutoP Immediately AutoProvision Clear MD5 Submit Export Autop Template Export Submit Cancel System Log LogLevel 3 ▼ Export Log Export PCAP PCAP PCAP PCAP PCAP PCAP PCAP Config File(.tgz) Выберите файл Файл не выбран		Submit Shortcut	•	Mode	▶ Security
AutoP Immediately Clear MD5 Export Autop Template Submit Cancel System Log LogLevel Export Log PCAP PCAP PCAP PCAP PCAP PCAP PCAP PCAP Config File(.tgz)) Выберите файл Файл не выбран				Schedule	Security
Clear MD5 Export Autop Template Submit Cancel System Log LogLevel 3 ▼ Export Log Export PCAP PCAP PCAP PCAP PCAP Config File(.tgz) Выберите файл Файл не выбран				AutoP Immediately	
Export Autop Template Export Submit Cancel System Log LogLevel 3 Export Export Log Export PCAP PCAP PCAP PCAP PCAP Others Config File(.tgz) Выберите файл Файл не выбран					
System Log LogLevel 3 ▼ Export Log Export PCAP PCAP PCAP PCAP Start Stop Export Others Config File(.tgz) Выберите файл Файл не выбран				Export Autop Template	
LogLevel 3 ▼ Export Log Export PCAP PCAP PCAP Start Stop Export Others Config File(.tgz) Выберите файл Файл не выбран				Submit Cancel	
Export Log Export PCAP PCAP PCAP Start Stop Export Others Config File(.tgz) Выберите файл Файл не выбран				System Log	
РСАР PCAP Start Stop Export Others Config File(.tgz) Выберите файл Файл не выбран			_	LogLevel	
РСАР Start Stop Export Others Config File(.tgz) Выберите файл Файл не выбран				Export Log	
Others Config File(.tgz) Выберите файл Файл не выбран				РСАР	
Config File(.tgz) Выберите файл Файл не выбран			Stop Export	PCAP	- NED 591
Config File(.tgz) Выберите файл Файл не выбран				Others	
			е файл Файл не выблан		
			(Encrypted)	Conng Prie(.tgz)	
Export (Unencrypted)					
anjest Concer			Contect		

Sections	Description
PNP Option	To display and configure PNP setting for Auto Provisioning.
	• PNP: Plug and Play, Once PNP is enabled, the phone will
	send SIP subscription message to PNP server
	automatically to get Auto Provisioning server's address.
	By default, this SIP message is sent to multicast address
	224.0.1.75(PNP server address by standard).
DHCP Option	To display and configure custom DHCP option.

	 DHCP option: If configured, IP Phone will use designated DHCP option to get Auto Provisioning server's address via DHCP. This setting require DHCP server to support corresponding option.
Manual Update Server	To display and configure manual update server's settings.
	 URL: Auto provisioning server address. User name: Configure if server needs an username to access, otherwise left blank. Password: Configure if server needs a password to access, otherwise left blank. Common AES Key: Used for IP phone to decipher common Auto Provisioning configuration file(for VP-51, this configuration file is 000000000053.conf). AES Key(MAC):Used for IP phone to decipher MAC-oriented auto portioning configuration file(for
	example, file name could be 0c11058888888.conf if IP
	phone's MAC address is 0c11058888888).
	Note: AES is one of many encryption, it should be configure
	only configure filed is ciphered with AES, otherwise left blank.
AutoP	To display and configure Auto Provisioning mode settings. This Auto Provisioning mode is actually self-explanatory.
	For example, mode "Power on" means IP phone will go to do
	Provisioning every time it powers on.
	Remote system log: To enable or disable remote system log.
	Remote system server: Input remote system server address
Gustom Log	here if Remote system log is enabled.
System Log	To display syslog level and export syslog file.
	• Syslog level: From level 0~7.The higher level means the more specific syslog is saved to a temporary file. By
	default, it's level 3.
	 Export Log: Click to export temporary syslog file to local
	PC.
	 Remote System Log: To enable or disable Remote System
	Log.
	• Remote System Server: To input the syslog server
	address.
РСАР	To start, stop packets capturing or to export captured Packet
	file.
	• Start: To start capturing all the packets file sent or
	received from IP phone.
	• Stop: To stop capturing packets.
	Note: IP phone will save captured packets file to a temporary file this file maximum size is 1M (magabutes) and will ten
	file, this file maximum size is 1M (megabytes), and will top

	capturing once reaching this maximum size.
Others	To display or configure others features from this page.
	Confile file: To export or import configure file for IP phone.

5.23.Security->Basic

Path: Web UI->Security->Basic

		LogOut
► Status	Security-Basic	Help
Account	Web Password Modify	
	User Name admin	Note :
Network	Current Password	Max length of characters for input box:
► Phone	Confirm Password	255: Broadsoft Phonebook server address
▶ PhoneBook	Submit Cancel	127: Remote Phonebook URL &
		AUTOP Manual Update Server URL
Upgrade		63: The rest of input boxes
Security		Warning :
Basic		Field Description :
Advanced		Submit Shortcut
		Submit Cancel
		tell.
	Convright @ 2014 NAG Telecom All right reserved	

Sections	Description
Web Password Modify	To modify user's password.
	• Current Password: The current password you used.
	• New Password: Input new password you intend to use.
	• Confirm Password: Repeat the new password.
	Note: For now, IP phone can only support user admin.

5.24.Security->Advanced

Path: Web UI->Security->Advanced

и клузник клизник Sun Jun 27 07.14.32 2037 betee box: Web Server Certificate Upload 255: Broadsoft Phonebook server Выберите файл Файл не выбран Submit Cancel address 127: Remote Phonebook URL &	Meb Server Certificate Index Issue To Issuer Expire Time Delete 1 Ringslink Sun Jun 27 07:14:32 2037 Delete Max length of characters for input box: Web Server Certificate Upload Budleputte dtakin Output Cancel 25: Broadsoft Phonebook server address Client Certificate Index Issue To Issuer Expire Time 3: 1 1 Issue To Issuer Expire Time 63: The rest of input boxes 1 2 3 64 63: The rest of input boxes Warning : 5 6 7 7 7 64 7 9 10 Delete Cancel Client Certificate Upload Field Description : Field Description : 10 Delete Cancel Client Certificate Upload The x Auto Yes	Web Server Certificate Index Issue To Issue To <thissue th="" to<=""> Issue To Issue</thissue>		Section and			Luisan asiata	
Index Issue To Issuer Expire Time Delete Note : 1 Ringslink Ringslink Sun Jun 27 07:14:32 2037 Delete Doct Web Server Certificate Upload Ebideputte dpain Output Server 255: Broadsoft Phonebook server Index Issue To Issuer Expire Time address 127: Remote Phonebook URL & AUTOP Manual Update Server UR 1 Issue To Issuer Expire Time Issuer To Issuer Warning : 2 3 Issue To Issuer Issuer To Issuer Issuer To 3 Issue To Issuer Expire Time Issuer Git The rest of input boxes 4 Issue To Issue To Issuer Issuer Issuer Issuer 9 Issue To Issue To Issuer Is	Index Issue To Issuer Expire Time Delete Note : 1 Ringslink Sun Jun 27 07:14:32 2037 Delete Max length of characters for inpubox: Web Server Certificate Upload Ebideputte dpain Output 255: Broadsoft Phonebook server address Index Issue To Issuer Expire Time address 1 Issue To Issuer Expire Time address 1 Issue To Issuer Expire Time address 1 Issue To Issuer Expire Time address 2 3 Issue To Issuer Expire Time 3 Issue To Issuer Expire Time G3: The rest of input boxes 3 Issue To Issuer Issuer Issuer Warning : 6 7 Issuer Cancel Issuer Field Description : Delete Cancel Client Certificate Upload Index Auto Issuer Issuer	Index Issue To Issuer Expire Time Delete 1 Ringslink Ringslink Sun Jun 27 07:14:32 2037 Delete Max length of characters for inputors Web Server Certificate Upload	Advanc	ed				Help
Index Issue To Issuer Expire Time Delete 1 Ringslink Ringslink Sun Jun 27 07:14:32 2037 Delete Web Server Certificate Upload	Index Issue To Issuer Expire Time Delete 1 Ringslink Ringslink Sun Jun 27 07:14:32 2037 Delete Web Server Certificate Upload Expire Time Delete Delete Budepure dpain Φain He BudpaH Submit Cancel 25: Broadsoft Phonebook server Client Certificate Issuer Expire Time adress 127: Remote Phonebook URL & AUTOP Manual Update Server UR 1 1 Issuer Issuer Image: Server UR 63: The rest of Input boxes 1 1 Image: Server UR Image: Server UR 63: The rest of Input boxes Warning : 3 1 Image: Server UR Image: Server UR Image: Server UR Server UR 5 Image: Server UR Image: Server UR Image: Server UR Server UR Server UR 6 Image: Server UR Image: Server UR Image: Server UR Server UR Server UR 9 Image: Server UR Image: Server UR Image: Server UR Server UR Server UR 10 Image: Server UR Image: Server UR Image: Server UR Server UR	Index Issue To Issuer Expire Time Delete 1 Ringslink Ringslink Sun Jun 27 07:14:32 2037 Delete Web Server Certificate Upload BufGepurte dpain Quark Submit Cancel Client Certificate 1 Submit Cancel 25: Broadsoft Phonebook server 1 Client Certificate Warning 327: Remote Phonebook URL & AUTOP Manual Update Server UR 2 3 Gancel G3: The rest of input boxes 4 Gancel Gancel G3: The rest of input boxes 9 Gancel Gancel Gancel Client Certificate Upload Cancel Gancel Gancel Index Auto Cancel Gancel Gancel	Web S	erver Certificat	e			Nata
I Ningslifk Ningslifk Suin Juli 27 07.14-32 2037 Delete Web Server Certificate Upload Budie pure dualin Concel 255: Broadsoft Phonebook server address Budie pure dualin Out and a pure dualin Cancel 27: Remote Phonebook URL & AUTOP Manual Update Server UR 63: The rest of input boxes I Image: Concel Image: Concel Warning : I Image: Concel Image: Concel Field Description : Delete Cancel Client Certificate Upload Image: Concel Index Auto T Image: Concel Image: Concel	I Ningslink Ningslink Suin Juli 27 07.14-32 2037 Delete Web Server Certificate Upload Buldeputte dpain Submit Cancel 255: Broadsoft Phonebook server address Image: Delete Image: Delete Image: Delete Image: Delete Cancel Image: Delete Cancel Image: Delete Image: Delete Image: Delete Image: Delete Cancel Image: Delete Image: Delete Image: Delete Image: Delete Cancel Image: Delete Image: Delete Image: Delete Image: Delete Cancel Image: Delete Image: Delete Image: Delete Image: Delete Cancel Image: Delete Image: Delete Image: Delete Image: Delete Cancel Image: Delete Image: Delete Image: Delete Image: Delete Image: Delete Cancel Image: Delete Cancel Image: Delete Image	I Kingslifk Kingslifk Submit Delete 255: Broadsoft Phonebook server address Usedet Delete Cancel 257: Broadsoft Phonebook verver address 127: Remote Phonebook verver uR 1 Sold Juli 27 07.14%.32 2037 Delete 255: Broadsoft Phonebook verver address 127: Remote Phonebook verver uR 1 Image: Conceler to the server uR Image: Conceler to the server uR 63: The rest of input boxes Warning : 3 Image: Conceler to the server uR Image: Conceler to the server uR 13: The rest of input boxes Warning : 5 Image: Conceler to the server uR Image: Conceler to the server uR 14: The server uR 15: The rest of input boxes 1 Image: Conceler to the server uR Image: Conceler to the server uR 16: The rest of input boxes 10 Image: Conceler to the server uR Image: Conceler to the server uR 16: The rest of input boxes Index Auto T Image: Conceler to the server uR 16: The rest of input boxes 16: The rest of input boxes						
Buddepurte dpain Cancel Client Certificate Index Index Submit Cancel 1 1 1 1 1 2 3 4 5 6 7 9 10 Delete Cancel Client Certificate Upload Index Auto • address 127: Remote Phonebook URL & AUTOP Manual Update Server URL 63: The rest of input boxes Paint Certificate Index Auto • address 12: Remote Phonebook URL & AUTOP Manual Update Server URL 63: The rest of input boxes Paint Certificate Upload Index Auto •	Buddepurte dpain Dain He BuddpaH Submit Cancel Client Certificate Index Issue To Issuer Expire Time 1 2 3 4 5 6 7 8 9 10 Delete Cancel Client Certificate Upload Index Auto •	Buildeputte drawn drawn He Buildpark Submit Cancel address 127: Remote Phonebook URL & Index Issue To Issuer Expire Time G3: The rest of input boxes 1 Image: State of the second of the sec				Sun Jun 2/ 0/:14:32 203/	Delete	
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Client Certificate Index Issue To Issuer Expire Time 1	Client Certificate Index Issue To Issuer Expire Time 1	Client Certificate Index Issue To Issuer Expire Time 1	BE	юберите файл 🛛 Фа	йл не выбран	Submit Cancel		
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3	3	3						Warning :
4 Field Description : 5 6 7 6 7 6 8 9 9 0 10 0	4 Field Description : 5 6 7 6 7 6 8 9 9 0 10 0	4 Field Description : 5 6 7 6 7 6 8 9 9 0 10 0						-
6 7 8 9 10 Delete Cancel Client Certificate Upload Index Auto	6 7 8 9 10 Delete Cancel Client Certificate Upload Index Auto	6 7 8 9 10 Delete Cancel Client Certificate Upload Index Auto						Field Description :
Polete Cance	Polete Cance	Polete Cance						
8 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
9 10 Delete Cancel Client Certificate Upload Index Auto	9 10 Delete Cancel Client Certificate Upload Index Auto	9 10 Delete Cancel Client Certificate Upload Index Auto						
Delete Cancel Client Certificate Upload Index	Delete Cancel Client Certificate Upload Index	Delete Cancel Client Certificate Upload Index	9					
Client Certificate Upload Index Auto	Client Certificate Upload Index Auto	Client Certificate Upload Index Auto	10					
Client Certificate Upload	Client Certificate Upload	Client Certificate Upload		D	oloto	Cancel		
Index Auto 🔻	Index Auto 🔻	Index Auto 🔻				Garicer		
				•	ad			
Выберите файл Фаил не выбран Submit Cancel	Выберите фаил Фаил не выоран Submit Cancel	Выберите файл Файл не выоран <u>Submit Cancel</u>			. <u>.</u>	Contraction of the second se		
			BE	юберите файл Фа	ил не выбран	Submit Cancel		

Sections	Description
Web Server Certificate	To display or delete Certificate which is used when IP phone is
	connected from any incoming HTTPs request.
	Note: The default certificate could not be deleted.
Web Server Certificate	To upload a certificate file which will be used as server
Upload	certificate.
Client Certificate	To display or delete Certificates which is used when IP phone
	is connecting to any HTTPs server.
Client Certificate Upload	To upload certificate files, this is used as client certificate.
	• Only Accept trusted Certificates: If this option is enabled,
	only trusted certificates will be accepted.

6. Troubleshooting

Issue 1 : The LCD does not light up

- Check the AC power adapter. Make sure it is the one provided in your package.
- Check the power outlet. Make sure that the power that outlet you are plugging your device into is working. Try to plug a different device into the socket to make sure it has power.

Issue 2 : No signal tone heard from the handset

• Check the connection cord between the handset and the phone. Make sure it is connected properly.

Issue 3 : Cannot access the web interface

- Check the connection between the PC port of the device and the network port of the computer. Make sure it is fine.
- Check whether the IP address of the device is correct.
- If it is LAN, please make sure there is no IP address collision with other devices on the network.

Issue 4 : Cannot call out

- Please see the network connection status of device, if it is exception, and then check the connection of network.
- If the network connection is normal, please check whether the device has registered successfully.
- If the network connection and the registered are both normal, please confirm whether the dial rule is correct, or please communicate with the service operator.

7. Appendix : Time Zones

Time Zone	Time Zone Name
-11:00	Samoa
-10:00	United States-Hawaii-Aleutian
-10:00	United States-Alaska-Aleutian
-09:00	United States-Alaska Time
-08:00	Canada(Vancouver, Whitehorse)
-08:00	Mexico(Tijuana, Mexicali)
-08:00	United States-Pacific Time
-07:00	Canada(Edmonton, Calgary)
-07:00	Mexico(Mazatlan, Chihuahua)
-07:00	United States-Mountain Time
-07:00	United States-MST no DST
-06:00	Canada-Manitoba(Winnipeg)
-06:00	Chile(Easter Islands)
-06:00	Mexico(Mexico City, Acapulco)
-06:00	United States-Central Time
-05:00	Bahamas(Nassau)
-05:00	Canada(Montreal, Ottawa, Quebec)
-05:00	Cuba(Havana)
-05:00	United States-Eastern Time
-04:30	Venezuela(Caracas)
-04:00	Canada(Halifax, Saint John)
-04:00	Chile(Santiago)
-04:00	Paraguay(Asuncion)
-04:00	United Kingdom-Bermuda(Bermuda)
-04:00	United Kingdom(Falkland Islands)
-04:00	Trinidad&Tobago
-04:00	Curacao
-03:30	Canada-New Foundland(St.Johns)

Time Zone	Time Zone Name
-03:00	Denmark-Greenland(Nuuk)
-03:00	Argentina(Buenos Aires)
-03:00	Brazil(no DST)
-03:00	Brazil(DST)
-02:00	Brazil(no DST)
-01:00	Portugal(Azores)
0	GMT
0	Greenland
0	Denmark-Faroe Islands(Torshavn)
0	Ireland(Dublin)
0	Portugal(Lisboa, Porto, Funchal)
0	Spain-Canary Islands(Las Palmas)
0	United Kingdom(London)
0	Могоссо
+01:00	Albania(Tirane)
+01:00	Austria(Vienna)
+01:00	Belgium(Brussels)
+01:00	Caicos
+01:00	Chatam
+01:00	Croatia(Zagreb)
+01:00	Czech Republic(Prague)
+01:00	Denmark(Kopenhagen)
+01:00	France(Paris)
+01:00	Germany(Berlin)
+01:00	Hungary(Budapest)
+01:00	Italy(Rome)
+01:00	Luxembourg(Luxembourg)
+01:00	Macedonia(Skopje)
+01:00	Netherlands(Amsterdam)
+01:00	Namibia(Windhoek)
+02:00	Estonia(Tallinn)

Time Zone	Time Zone Name	
+02:00	Finland(Helsinki)	
+02:00	Gaza Strip(Gaza)	
+02:00	Greece(Athens)	
+02:00	Israel(Tel Aviv)	
+02:00	Jordan(Amman)	
+02:00	Latvia(Riga)	
+02:00	Lebanon(Beirut)	
+02:00	Moldova(Kishinev)	
+02:00	Russia(Kaliningrad)	
+02:00	Romania(Bucharest)	
+02:00	Syria(Damascus)	
+02:00	Turkey(Ankara)	
+02:00	Ukraine(Kyiv, Odessa)	
+03:00	East Africa Time	
+03:00	Iraq(Baghdad)	
+03:00	Russia(Moscow)	
+03:30	Iran(Teheran)	
+04:00	Armenia(Yerevan)	
+04:00	Azerbaijan(Baku)	
+04:00	Georgia(Tbilisi)	
+04:00	Kazakhstan(Aktau)	
+04:00	Russia(Samara)	
+05:00	Kazakhstan(Aqtobe)	
+05:00	Kyrgyzstan(Bishkek)	
+05:00	Pakistan(Islamabad)	
+05:00	Russia(Chelyabinsk)	
+05:30	India(Calcutta)	
+06:00	Kazakhstan(Astana, Almaty)	
+06:00	Russia(Novosibirsk, Omsk)	
+07:00	Russia(Krasnoyarsk)	
+07:00	Thailand(Bangkok)	

Time Zone	Time Zone Name
+08:00	China(Beijing)
+08:00	Singapore(Singapore)
+08:00	Australia(Perth)
+09:00	Korea(Seoul)
+09:00	Japan(Tokyo)
+09:30	Australia(Adelaide)
+09:30	Australia(Darwin)
+10:00	Australia(Sydney, Melbourne, Canberra)
+10:00	Australia(Brisbane)
+10:00	Australia(Hobart)
+10:00	Russia(Vladivostok)
+10:30	Australia(Lord Howe Islands)
+11:00	New Caledonia(Noumea)
+12:00	New Zealand(Wellington, Auckland)
+12:45	New Zealand(Chatham Islands)
+13:00	Tonga(Nukualofa)