tiptel 3330

tiptel 3340

User Manual

Version 2.0.4.6.16

August 2019

Table of Content

Table of Content 3

Getting Started 11

Packing List 11

Phone Installation 14

1. Attach the phone stand 14

2. Connect the Handset and optional Headset 14

3. Connect the Network and Power 15

Initialization Process 15

Status 17

Registration 21

Idle Screen 27

Getting Familiar with Your Phone 29

Hardware Components Preview 29

Icon Preview 35

LED Instruction 38

Power Indicator LED 38

Line LED (Line Key set as Line) 38

BLF or BLF List Key LED (Line/Line Key set as BLF) 39

Shared Line LED 39

Other Key Led 40

User Interface 40

Line Key Function Overview 43

Basic Setting Configuration 45
General Settings 45
Web Login 45
Administrator Password 47
Display Mode 48
Language 49
Wallpaper 51
Screen Saver 52
Backlight 56
Time and Date 57
LED Status Setting 63
Key as Send 63
Network Setting 64
IPv4 65
IPv6 69
IPv4&IPv6 72
PC Port 73
Contact Setting 75
Local Directory 75
Remote Phonebook 84
LDAP Phonebook 85
Search Contact 87
Call History Setting 89
Call History 89

Audio Setting 93
Ring Tone 93
Volume 96
Voice Mail Tone 98
Play Hold Tone 99
Play Hold Tone Delay 99
System Settings 99
Dial Plan 99
Dial-Now Timeout 101
No Key Entry Timeout 102
Emergency Call 102
Label Scroll 103
Show Missed Calls 103
Auto Logout Time 104
Reboot in Talking 104
Detect IP Conflict 104
Redial Mode 105
Keypad Lock 105
Suppress DTMF Display 106
Suppress DTMF Display Delay 107
Check-Syn With Authenticate 107
Other features settings 107
Action URL 107
Softkey Layout 109

Programmable Key 110

Exp Key 112

Basic Call Features 113

Place a Call 113

End a Call 115

Redial a Call 115

Receive a Call 115

Incoming Call Show Mode 116

Auto Answer 117

Call Hold 117

Call Transfer 118

Call Conference 122

Call Forward 124

Call Return 129

Call Back 130

Call Waiting Tone 130

Hide Caller ID 131

Reject Anonymous 132

Call Mute 133

DND 134

Hot Line 135

Auto Redial 136

Function Key Features and Settings 137

Line 137

Speed Dial 138

BLF 139

Visual Alert for BLF Pickup..... 140

Audio Alert for BLF Pickup 141

BLF List..... 142

Voice Mail..... 143

Direct Pickup..... 146

Group Pickup 147

Call Park 148

Intercom..... 149

Intercom Barge 150

DTMF..... 151

Prefix..... 152

Local Group 153

XML Group..... 154

XML Browser..... 154

LDAP 155

Network Directories..... 156

Conference 157

Forward..... 158

Transfer..... 159

Hold 160

DND 160

Redial..... 161

SMS 162
Send SMS 162
Set SMS Line Key 163
Record 164
URL Record 165
Paging 166
Group Listening 167
Shared Line 167
Public Hold 169
Private Hold 170
Hot Desking 171
ACD 172
Zero Touch 173
Multicast Paging 174
Sending RTP Stream 175
Receiving RTP Stream 176
BT Feature 180
How to Enable headset mode? 180
How to Activate Bluetooth? 181
How to Pair the Bluetooth Headset to the Phone? 182
How to edit device information? 188
Answering Calls 189
How to answer an incoming call? 189
How to adjust the earphone volume during a call? 189

How to Ending Calls? 190
WIFI Feature 190
Manual 190
How to Enable Wi-Fi feature? 190
How to Connect the phone to an Available Wireless Network? 192
How to view Wireless Network status? 194
How to Disconnect Wireless Network? 196
How to Manually add a Wireless Network? 197
How to Disable Wi-Fi feature? 199
Provision 199
Upgrade 201
Factory Reset 201
Pcap Feature 201
System Log 202
Upgrade 202
Configuration File 205
Troubleshooting 207
Why is the phone LCD screen blank? 207
When the phone display “Network Unavailable”? 207
When you can’t I get a dial tone? 207
Where to set the tone? 208
Why can’t the phone detect the Bluetooth headset? 208
Why there is a noise in the Bluetooth headset? 209
Why the Bluetooth headset cannot be off-hook? 209

Why can’t the IP phone connect to Wi-Fi? 209

Why is the wireless signal strength low?..... 209

How to download XML Configuration?..... 209

How to Import Trusted CA certificate?..... 209

How to Import Server CA certificate?.....211

How to use Vlan?.....211

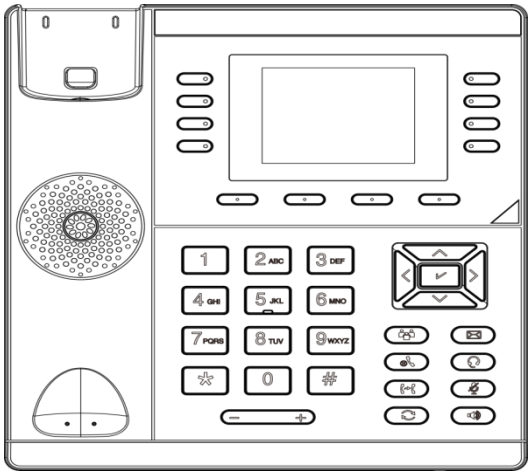
How to use LLDP? 211

Getting Started

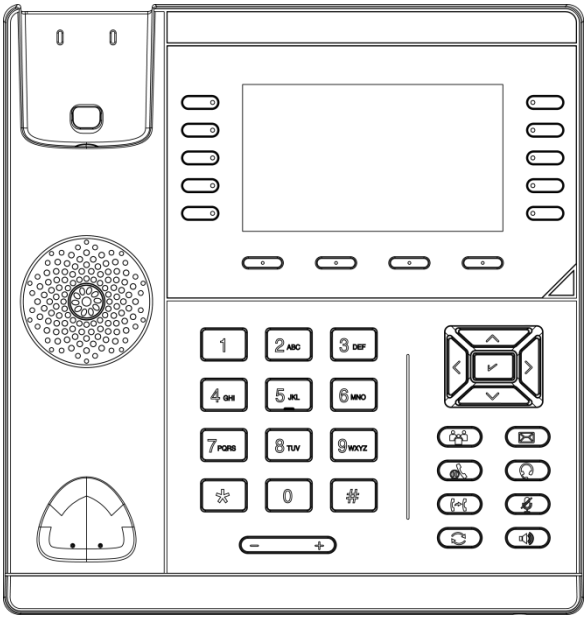
Packing List

The package contains the following parts, please check if all the items are not missed:

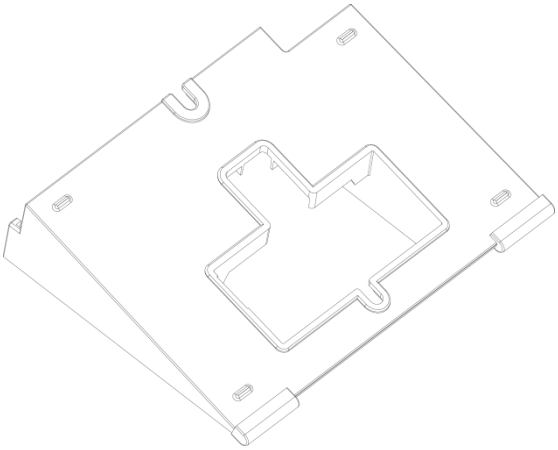
1. The phone station tiptel 3330



or the phone station tiptel 3340

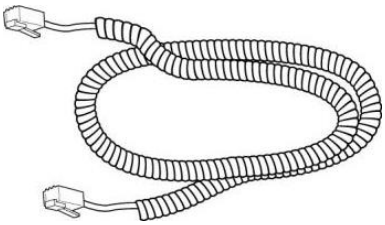


2. The phone stand

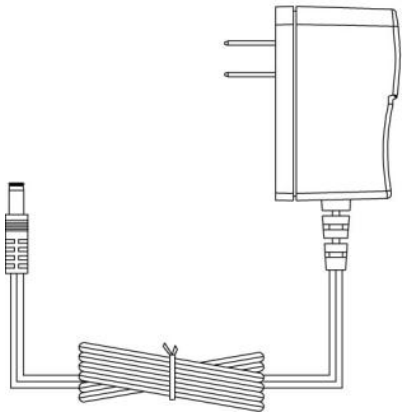


3. Handset

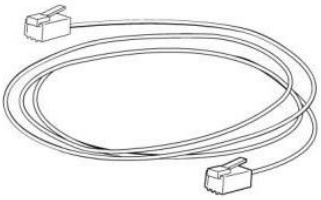
4.Handset cord



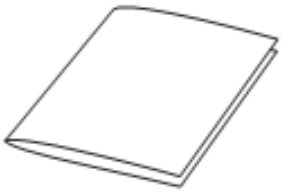
5. Power adapter (optional)



6. Ethernet cable

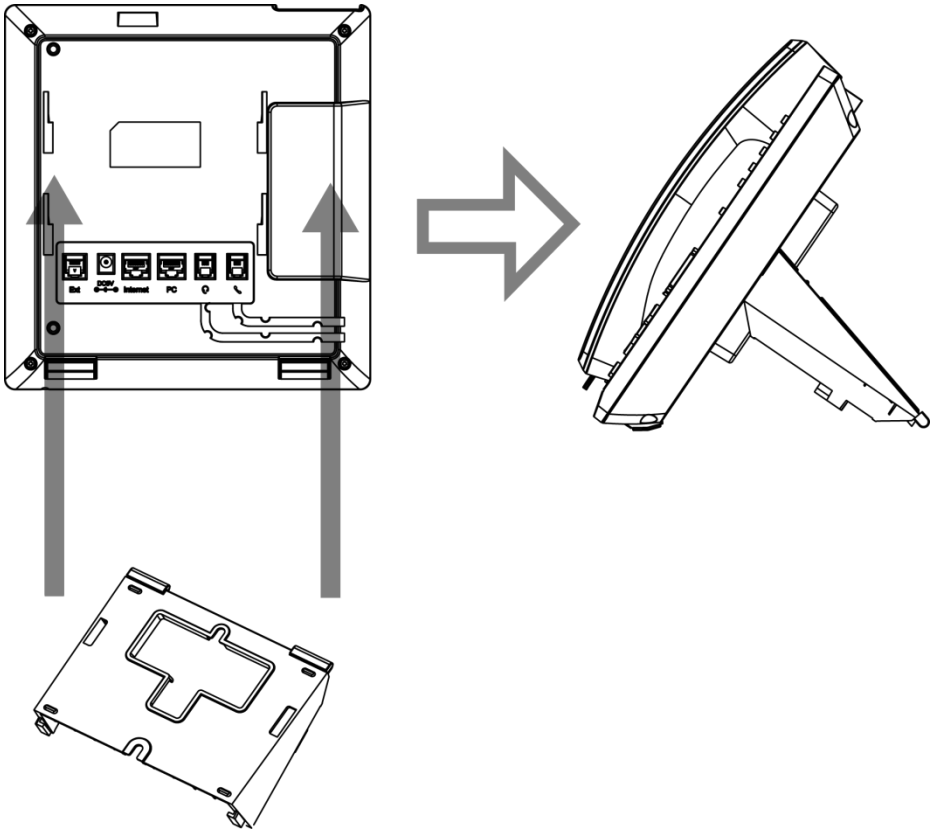


7. User Manual

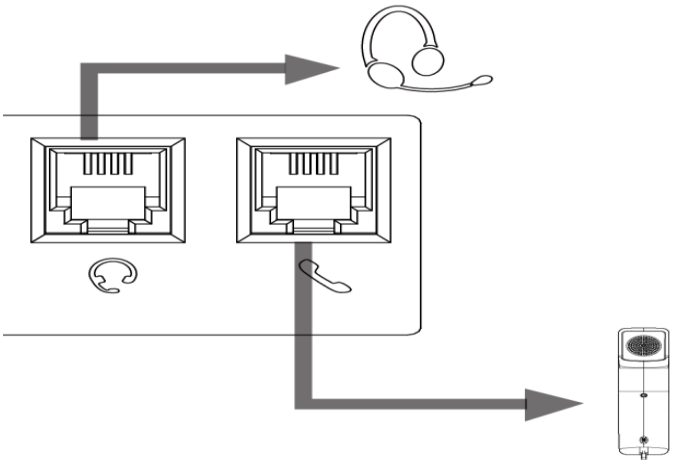


Phone Installation

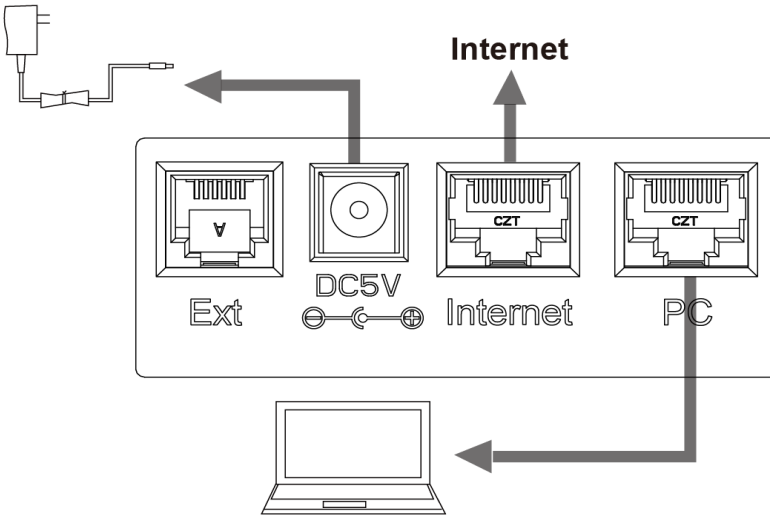
1. Attach the phone stand



2. Connect the Handset and optional Headset



3. Connect the Network and Power



Initialization Process

After your phone has been powered up, the system boots up and performs the following steps:

Automatic Phone Initialization

The phone finishes the initialization process by loading the saved configuration. The phone LCD screen will display “Booting”

And then show “Initializing “during the initialization.

The IP Phone will upgrade the firmware if there is a new firmware on your server. And the IP Phone will show “Check firmware, please wait…” after initialization.

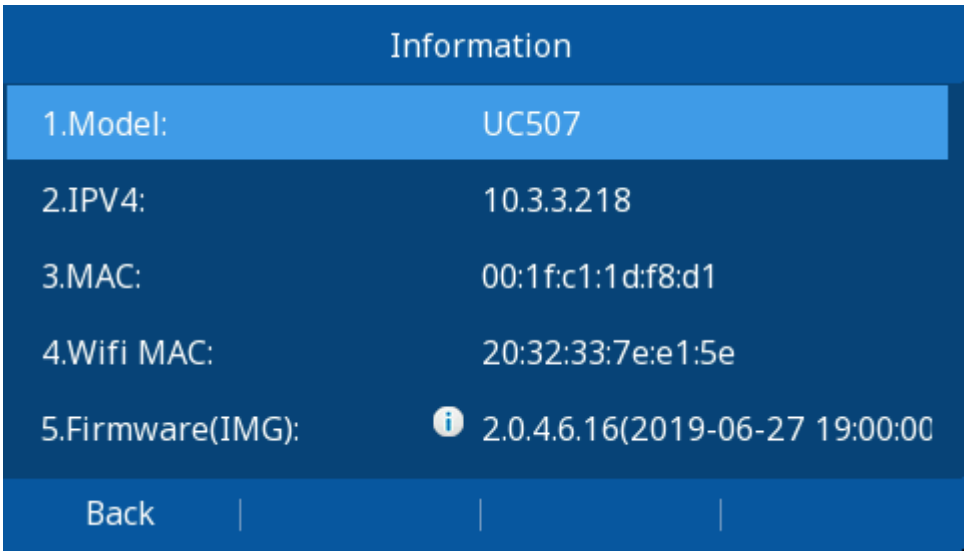
By default, the phone attempts to contact a DHCP server in your network in order to obtain its valid network settings, e.g. IP address, subnet mask, default gateway, DNS server.

Status

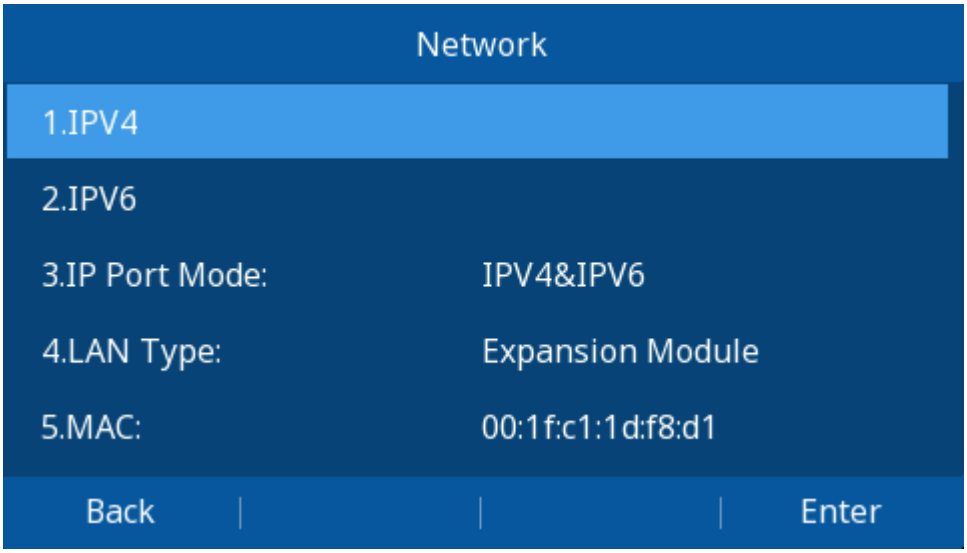
You can view the system status of your phone via phone user interface or web user interface. The information of phone status includes: Information (e.g., Model, IPV4,IPV6, MAC, Firmware, Hardware), Network (e.g., WAN Type, IP, Mask, LAN Type, Gateway, DNS …) Account (e.g., register status of accounts)

To view the phone status via Phone interface:

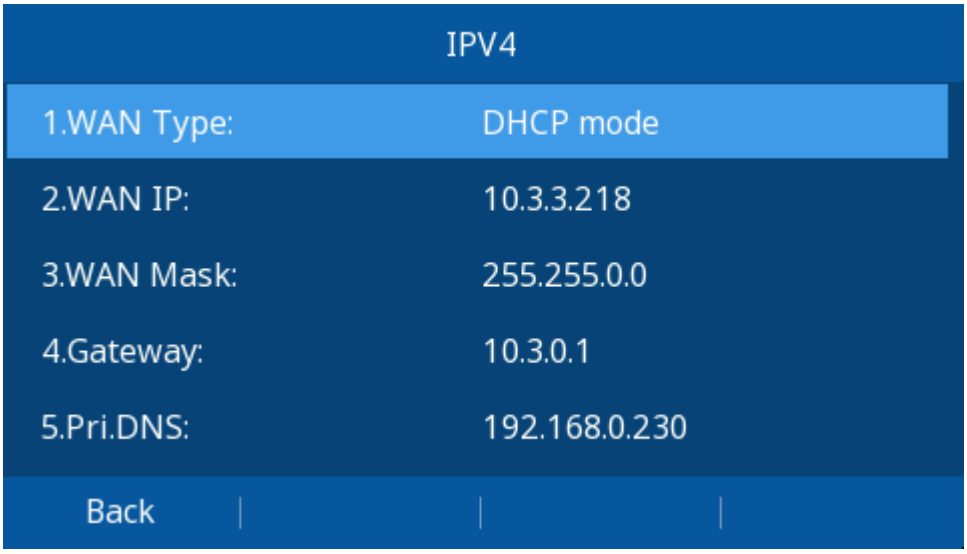
1. Press Menu →Status →Information



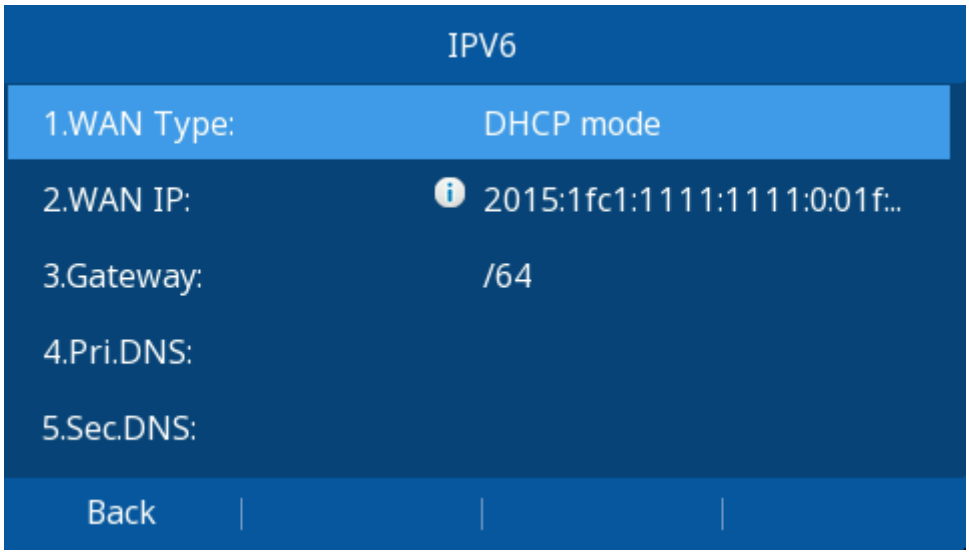
2. Press Menu →Status →Network



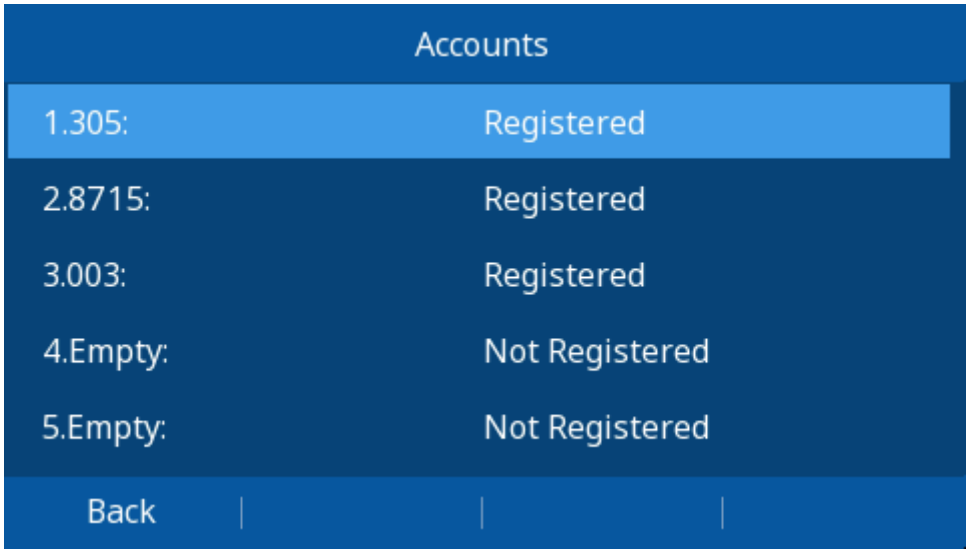
3. Press Menu →Status →Network→IPV4



4. Press Menu →Status →Network→IPV6



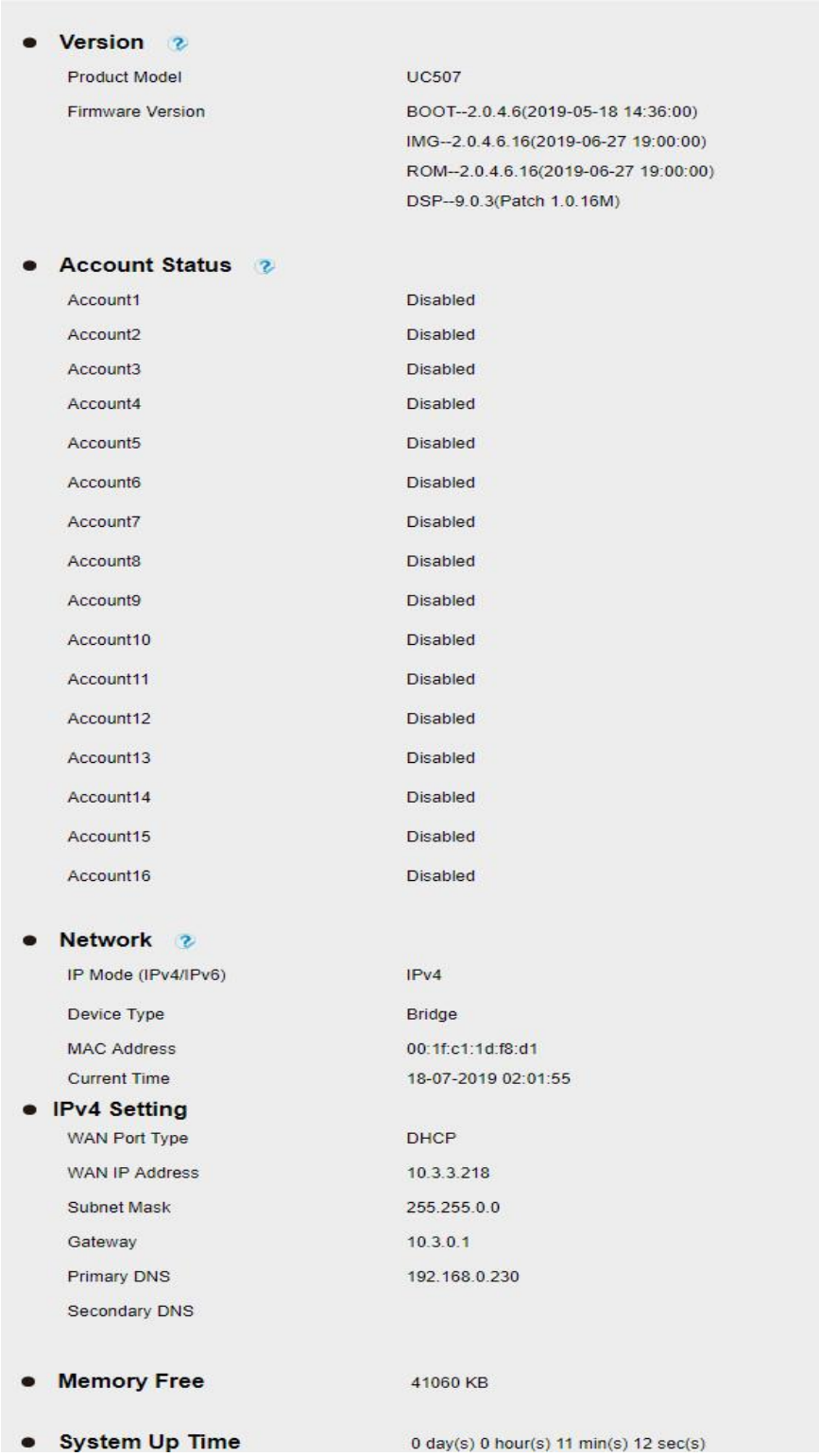
5. Press Menu →Status →Accounts



To view the phone status via Web interface:

Login webpage (For How to login, please refer to Web Login)

View the information of Version, Account and Network.



- **Version**

Product Model	UC507
Firmware Version	BOOT--2.0.4.6(2019-05-18 14:36:00) IMG--2.0.4.6.16(2019-06-27 19:00:00) ROM--2.0.4.6.16(2019-06-27 19:00:00) DSP--9.0.3(Patch 1.0.16M)

- **Account Status**

Account1	Disabled
Account2	Disabled
Account3	Disabled
Account4	Disabled
Account5	Disabled
Account6	Disabled
Account7	Disabled
Account8	Disabled
Account9	Disabled
Account10	Disabled
Account11	Disabled
Account12	Disabled
Account13	Disabled
Account14	Disabled
Account15	Disabled
Account16	Disabled

- **Network**

IP Mode (IPv4/IPv6)	IPv4
Device Type	Bridge
MAC Address	00:1f:c1:1d:f8:d1
Current Time	18-07-2019 02:01:55

- **IPv4 Setting**

WAN Port Type	DHCP
WAN IP Address	10.3.3.218
Subnet Mask	255.255.0.0
Gateway	10.3.0.1
Primary DNS	192.168.0.230
Secondary DNS	

- **Memory Free** 41060 KB
- **System Up Time** 0 day(s) 0 hour(s) 11 min(s) 12 sec(s)

Registration

To register via Phone interface

1. Press Menu→ Settings→ Advanced Setting (default password: admin)→ Accounts

2. Select the desired account

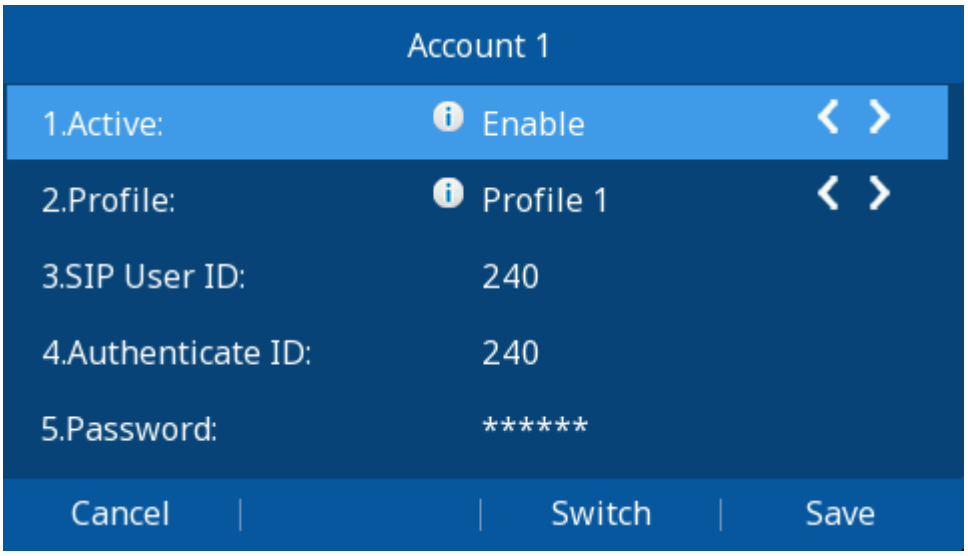
3. Select Enable for Account active

4. Select the desired profile of the account.

5. Fill the SIP User ID, Authenticate ID

6. Fill the Password and Name (shown on LCD).

7. Press Save to save the configuration.



Note:

If there is a port of sip server, you need to press “1” on the keypad, then you will find the “:”.

Additional Information

When the current input method is ABC/abc/2ab,

Pressing “1”, you will find “?”

Pressing “0”, you will find “< > () {} []”

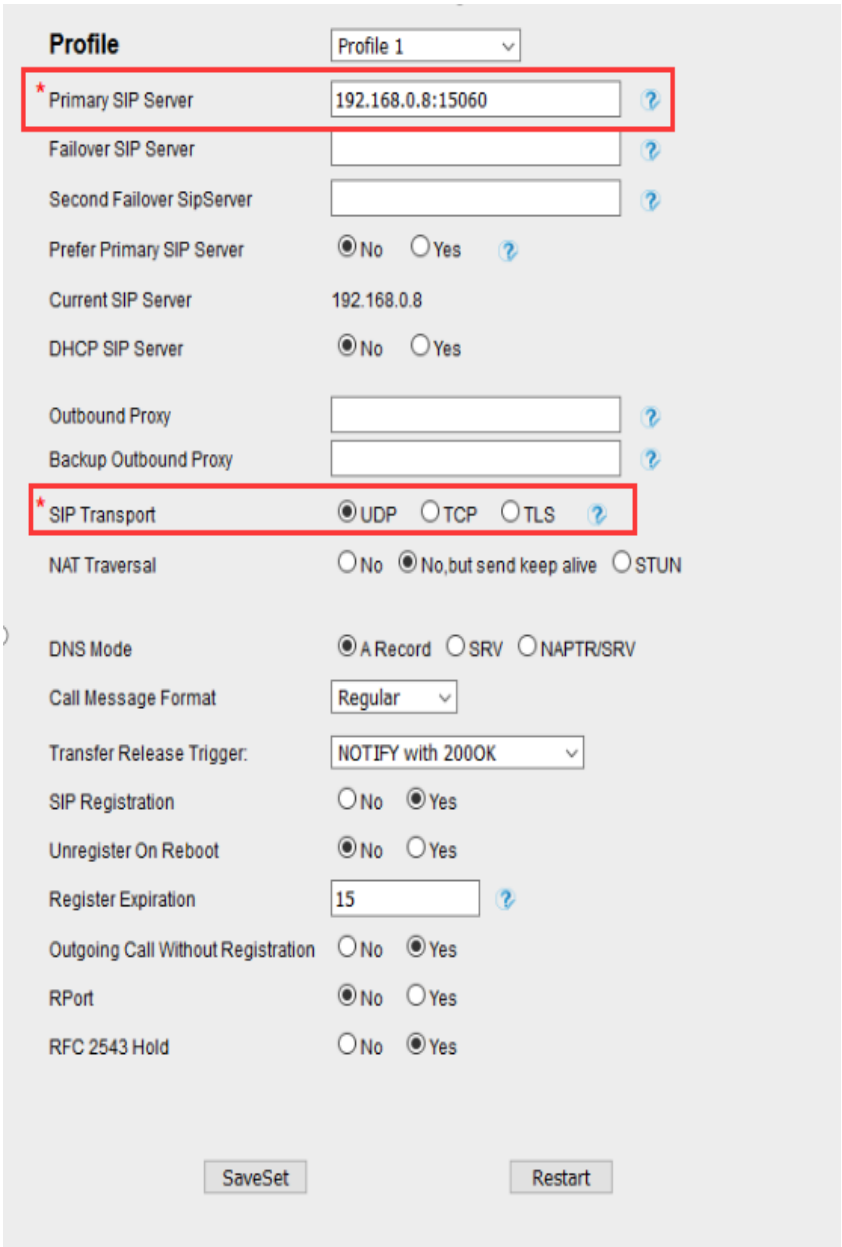
Pressing “*”, you will find “*/”! @$”

Pressing “#”, you will find “#’%&*|”

To register via Web interface

1. Login webpage and Click Profile→ Basic

2. Select the desired profile from the pull-down list of Profile in the Profile field.



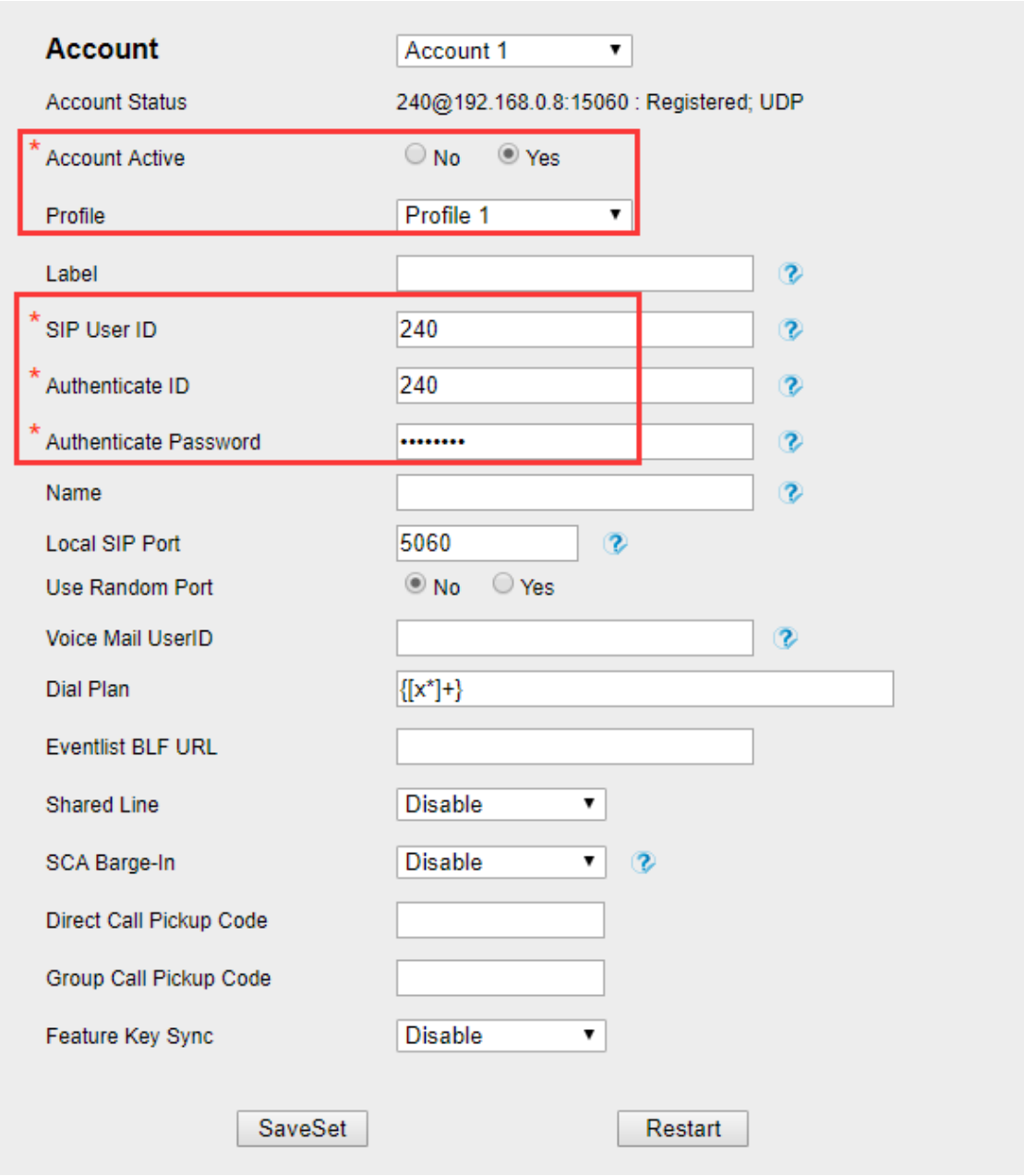
3. Fill the Primary SIP Server and other profile information.

4. Select the SIP Transport.

5. Click SaveSet to save the configuration.

6. Click Account→ Basic.

7. Select the desired account from the pull-down list of Account in the Account field.



8. Select Yes for Account Active.

9. Select the desired Profile.

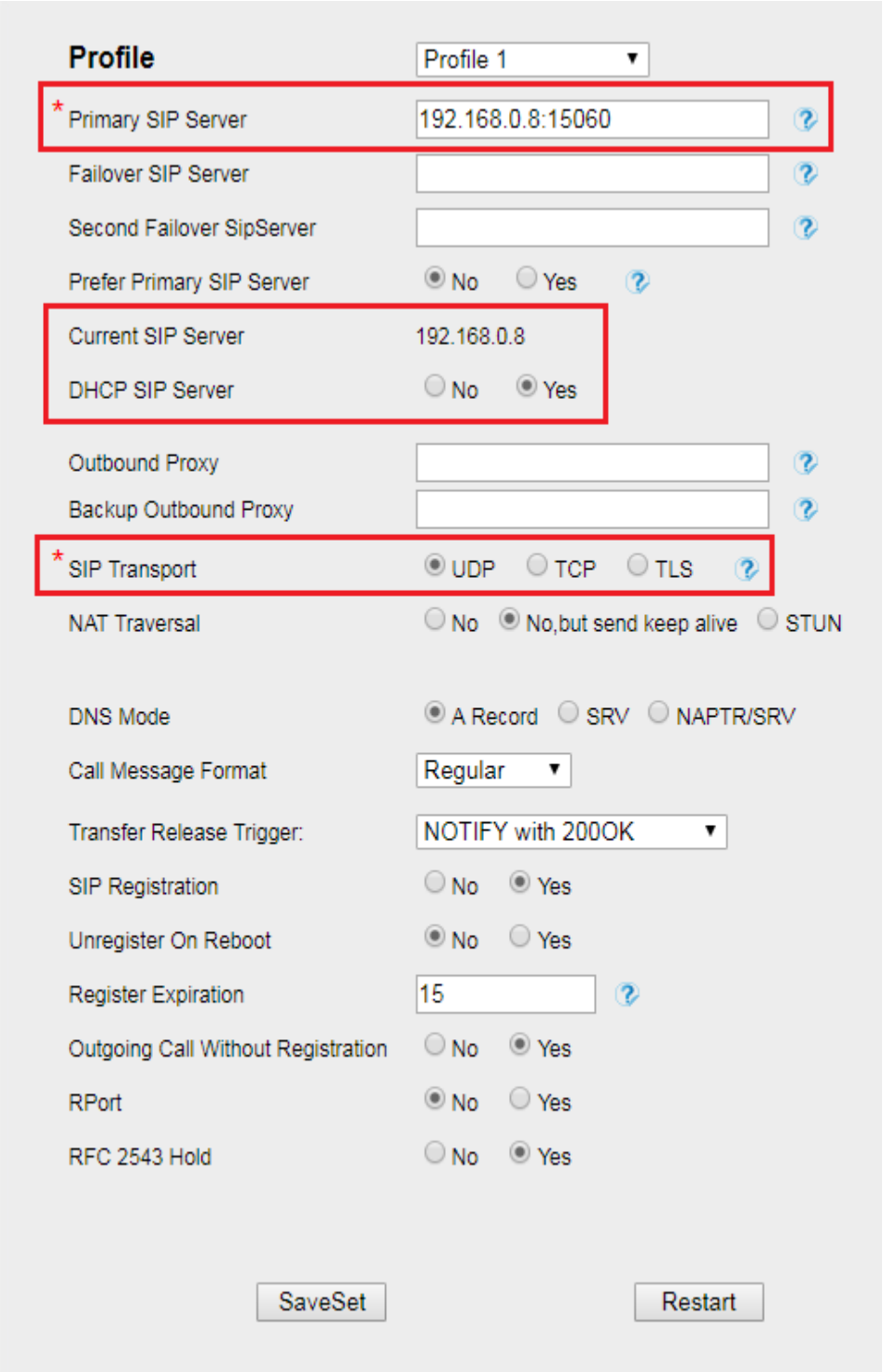
10. Fill the SIP User ID, Authenticate ID, Authenticate Password and other account information.

11. Click SaveSet to save the configuration.

To register via DHCP SIP Server

1. Login web page and Click Profile→ Basic

2. Select the desired profile from the pull-down list of Profile in the Profile field.



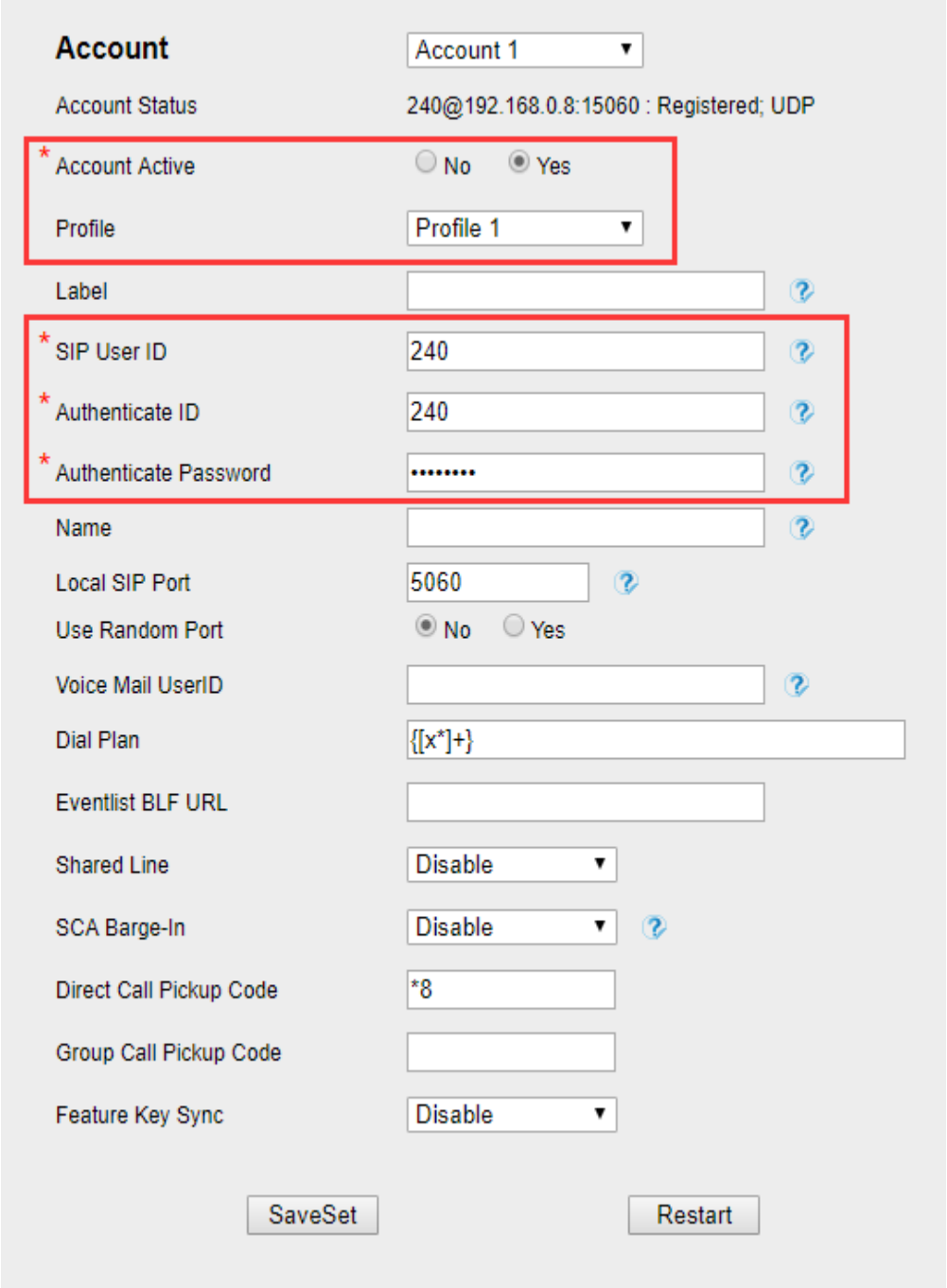
3. Fill the Primary SIP Server and other profile information.

4. Select Yes for the DHCP SIP Server and select the SIP Transport.

5. Click SaveSet to save the configuration.

6. Click Account→ Basic.

7. Select the desired account from the pull-down list of Account in the Account field.



8. Select Yes for Account Active.

9. Select the desired Profile.

10. Fill the SIP User ID, Authenticate ID, Authenticate Password and other account information.

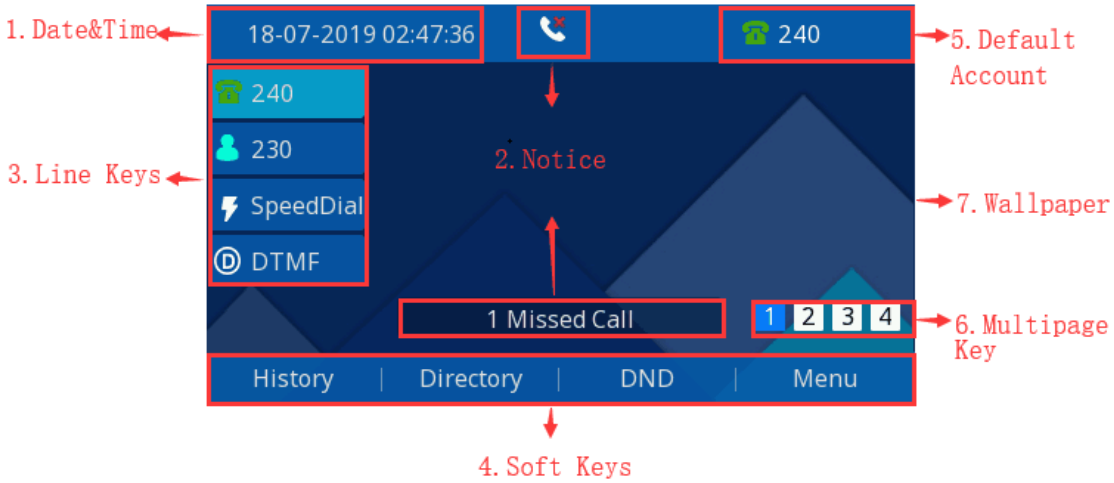
11. Click SaveSet to save the configuration.

Note:

1. All fields with * must be filled. If changed, it requires a phone restart.

2. Account Status says the account registered successfully or not.

Idle Screen

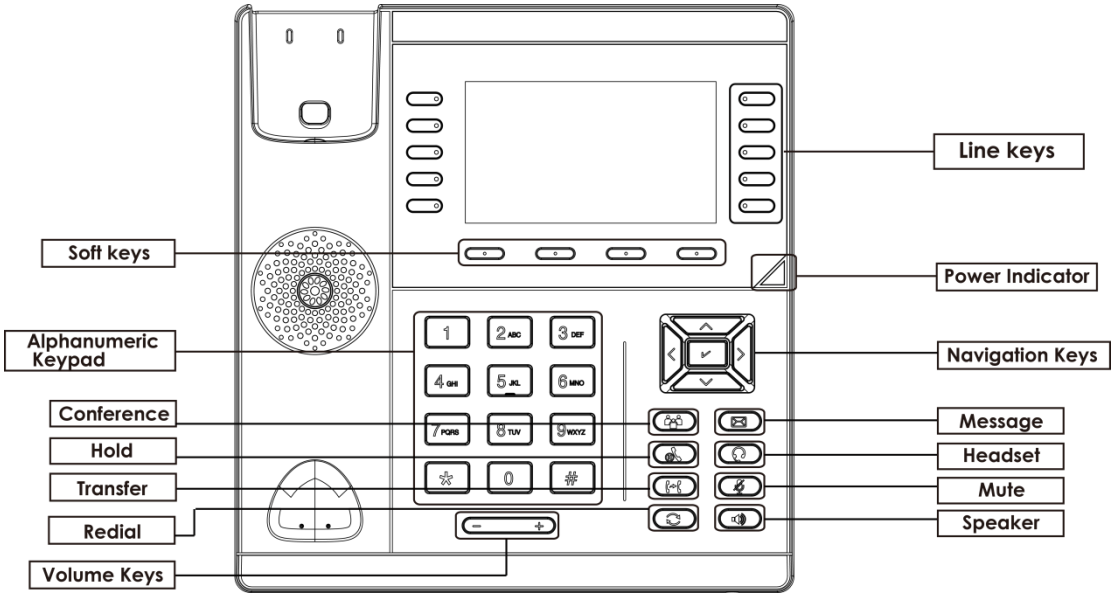


Name	Description
1. Date & Time	It is the area that displays the current set date and time of the phone.
2. Notice	It is the area to display the phone's notifications such as missed calls, SMS, do not disturb mode and many more. For more info, see Icon Preview.
3. Line Keys	This area shows the line key labels. The current account is highlighted. you can switch the account by pressing right or left navigation key. The Line keys can also be used for other function keys. For more info, you can refer to Line Keys
4. Soft Key	This area shows the soft key labels. The default soft key labels are "History", "Directory", "DND" and "Menu". For more info,

	see Programmable Key
5. Default Account	This shows the current use account. User can use to change the default use account.
6. Multipage Key	tiptel 3340 support 36 keys, tiptel 330 supports 28 keys. You can configure different types. You can view and use these keys by pressing the multipage key.
7. Wallpaper	This shows the current wallpaper picture. You can also change it. For more info, you can refer to Wallpaper.

Getting Familiar with Your Phone

Hardware Components Preview



Item		Description
LCD screen		To present all information about the date& time, accounts, soft keys, messages, calls and other some information.
Power Indicator LED		To indicate the power status
Line Keys		The phone supported up to 4 accounts 1. Steady green: during a call.. 2. Blink red: a call incoming
Soft Keys		Labels automatically to identity

		their context-sensitive features.
Navigation Keys		 OK. **Up arrow key:** To move up of the selection shows on the screen. **Right arrow key:** To move right of the selection shows on the screen. **Left arrow key:** To move left of the selection shows on the screen. **Down arrow key:** To move down of the selection shows on the screen.

Line Keys		To be configured as different function as: 1. Line 2. Speed Dial 3. BLF 4. BLF List 5. Voice Mail 6. Direct Pickup 7. Group Pickup 8. Call Park 9. Intercom 10. DTMF 11. Prefix 12. Local Group 13. XML Group 14. XML Browser 15. LDAP 16. Network Directories 17. Conference 18. Forward 19. Transfer 20. Hold 21. DND 22. Redial

		23. Call Return 24. SMS 25. Record 26. URL Record 27. Paging 28. Group Listening 29. Public Hold 30. Private Hold 31. Hot Desking 32. ACD 33. Zero Touch 34. URL 35. Network Group 36. Multicast Paging 37. Group Call Park 38. CallPark Retrieve 39. Shared Line The LED lights status when set as Shared line: Stay green: Idle Stay red: Busy Blinked green: Ring Back Blinked red: A call

		incoming Steady orange: During a call Blinked orange: Public Hold Blinked green: Private Hold Light Drown: Unregistered 40. Broadsoft Directory
Alphanumeric Keypad		To enter the phone numbers, letters and so on.
Conference		 To place a conference call
Hold		 To hold or to resume a call during a conversation.
Transfer		 To transfer a call to a third party. To enable or disable Forward feature during the idle page.
Redial		 To dial the previous dialed number.

		To act as send key.
Message		To indicator the New message, and press to read.
Headset		To indicate that the phone is or not in Headset mode.
Mute		1. To mute the voice during the call (Red light). 2. To un-mute the call.
Speaker		Press this button to place a call in hands-free mode.
Volume Keys		To decrease the volume. To increase the volume.

Icon Preview

Icon	Description
	Network down
	Line(Registered succeed)
	Line (Unregistered)
	Line(Ringing)
	Speed Dial
	BLF
	BLF(Ringing)
	BLF(Talking)
	Speakerphone mode
	Handset mode
	Headset mode
	Voice messages

	Text message
	Mute
	Do Not Disturb
	Volume is 0
	SRTP
	Hold
	Dialed calls
	Received calls
	Missed calls
	Forward calls
	Conference
	Keypad locked
	Pick up
	Call Park

	Intercom/Paging
	DTMF
	Prefix
	XML Group
	Local Group
	XML Browser
	LDAP
	Broadsoft Group
	Conference
	Forward
	Transfer
	Hold
	Redial
	Call Return
	Record
	Stop Recording

	Group Listening
	Shared Line
	Other Functions

LED Instruction

This part mainly instructs the LED status. The Power LED Status describe on the premise that the LED setting all set as Yes. For LED status setting, please refer to: LED Status Setting

Power Indicator LED

LED Status	Description
Blinked green	Ringing or have missed call
Steady Green	Idle status (Power on)
Off	Powered off.

Line LED (Line Key set as Line)

LED Status	Description
Steady Green	Hold
Steady Green	Off hook or during a conversation.
Blinked red	Ringing.
Off	Idle status

BLF or BLF List Key LED (Line/Line Key set as BLF)

LED Status	Description
Steady Green	Idle status for the monitored line
Steady Red	The monitored line is calling or during a call
Blinked red	The monitored line is ringing.
Off	All other unknown status

Shared Line LED

LED Status	Description
off	Idle status
Stay green	a member of the SCA group in off-hook status
Stay red	Other member of the SCA group's led status when a member of the SCA group in off-hook status
Blinked green every 500ms	a member of the SCA group in Private hold status.
Stay red	Other member of the SCA group's led status when a member of the SCA group in Private hold status
Blinked green every 500ms	a member of the SCA group in public hold status
Blinked red every 500ms	Other member of the SCA group's led status when a member of the SCA group

	in public hold status
Blinked green every 500ms	a member of the SCA group in progress status
Stay red	On Other member of the SCA group's led status when a member of the SCA group is in progressing status.
Blinked red every 100ms	Alerting
Stay green	a member of the SCA group in active status when there is an incoming call designated for the SCA group
Stay red	Other member of the SCA group's led status when a member of the SCA group in active status

Other Key Led

Key	Description
Headset Key	When using in headset mode, the led is steady green or the LED is off.
Message Key	Blinked green when there is a new message or the LED is off.
Mute Key	Red when the mute the call, or the LED is off.

User Interface

There are two ways to customize specific configurations on your IP phone:

- The user interface on the IP phone
- The user interface in a web browser on your PC

The hardware components keypad and LCD screen constitute the phone user interface, which allows the user to execute all call operation tasks and basic configuration changes directly on the phone. In addition, you can use the web user interface to access all configuration settings. In many instances, it is possible to use both the phone user interface and the web user interface to operate the phone and change settings. However, in some instances, it is only possible to use the phone or the web user interface.

Phone Interface Overview

Option	
Status	Information
	Network
	Accounts
Features	Call Forward
	Function Keys (Line and Line Key setting) More Key see Line Key Overview
	Key as Send
	Hot Line
	Anonymous Call
	DND
	History
Directory	All Contacts
	Local Contacts
	LDAP(When you use LDAP, It will display)
	BlackList
History	Local
	CallLog

Message	Voice Mail View and Set.
	Text Message View and Set.
Basic Setting	Language
	Time & Date
	Format
	DHCP Time
	Ring tone
	Headset
	Bluetooth
	Wi-Fi
	Text Scroll
Advanced Setting	Accounts
	Network
	Setting
	AP
Display	Display Mode
	Wallpaper
	Screensaver
	Backlight
Others	Factory Function
	System Restart
	Device Reboot
	Pcap Feature

Line Key Function Overview

Line
Speed Dial
BLF
BLF List
Voice Mail
Direct Pickup
Group Pickup
Call Park
Intercom
DTMF
Prefix
Local Group
XML Group
XML Browser
LDAP
Network Directories
Conference
Forward

Transfer
Hold
DND
Redial
Call Return
SMS
Record
URL Record
Paging
Group Listening
Public Hold
Private Hold
Hot Desking
ACD
Zero Touch
Multicast Paging

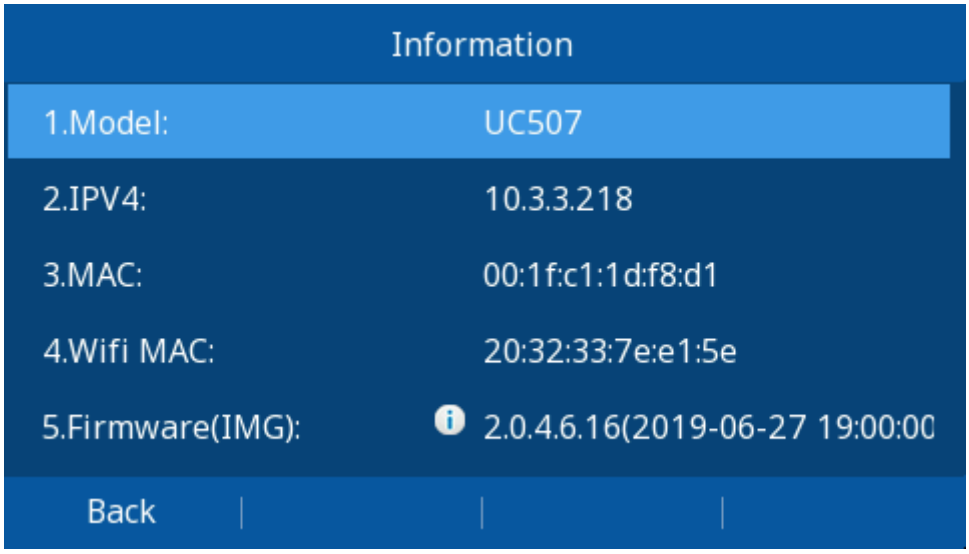
Basic Setting Configuration

This part will mainly introduce the basic configuration as the Time, Language, and Volume…

General Settings

Web Login

1. Get the IP address: Press Menu →Status →Information.



2. Input the IP Address in the web browser.

3. Input the user name (default is admin), password (default is admin).

4. Login successfully.

Version

Product Model	UC507
Firmware Version	BOOT--2.0.4.6(2019-05-18 14:36:00)
	IMG--2.0.4.6.16(2019-06-27 19:00:00)
	ROM--2.0.4.6.16(2019-06-27 19:00:00)
	DSP--9.0.3(Patch 1.0.16M)

Account Status

Account1	240@192.168.0.8:15060 : Registered; UDP
Account2	Disabled
Account3	Disabled
Account4	Disabled
Account5	Disabled
Account6	Disabled
Account7	Not Registered
Account8	Not Registered
Account9	Not Registered
Account10	Not Registered
Account11	Not Registered
Account12	Not Registered
Account13	Not Registered
Account14	Not Registered
Account15	Not Registered
Account16	Not Registered

Network

IP Mode (IPv4/IPv6)	IPv4
Device Type	Bridge
MAC Address	00:1f:c1:1d:f8:d1
Current Time	18-07-2019 04:09:25

IPv4 Setting

WAN Port Type	DHCP
WAN IP Address	10.3.3.218
Subnet Mask	255.255.0.0
Gateway	10.3.0.1
Primary DNS	192.168.0.230
Secondary DNS	

Note:

The PC and phone should be in the same segment.

When registering the accounts in web and the server port is not “5060”, the“SIP Server” should be set as “SIP Server’s IP address: server port.”, for example, “192.168.0.8: 15060”.

Administrator Password

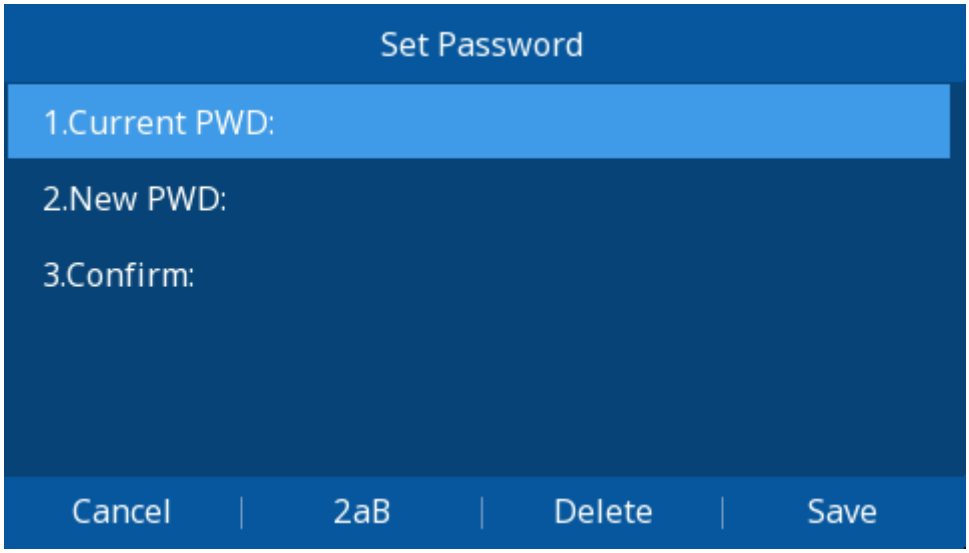
The password is mainly used for login the web interface or set the advanced settings through phone interface. And the default password of the administrator is: **admin**

To change to password via Phone interface

1. Press Menu → Settings → Advanced settings → password (default admin) →Phone Setting → Set Password

2. Enter the current PWD (password), new password and confirm the new password.

3. Press save soft key or to save the new password.

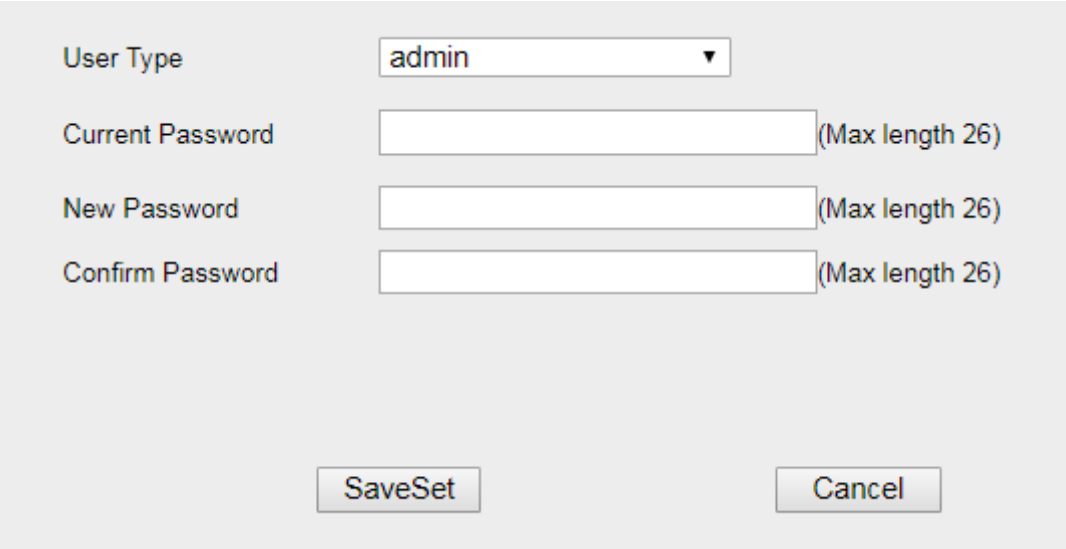


To change to password via Web interface

1. Management → Password

2. Fill the value

3. Click SaveSet to save the configuration.



Note:

When you use the web interface: user name: admin password: admin(default)

Display Mode

This phone support two Display mode: Text and Icon.

Icon Mode: all Items are shown same as the main with Icon.

Text Mode: Only the 8 main items will be shown as icon, and others all text description.

To Configure Display mode via Phone interface:

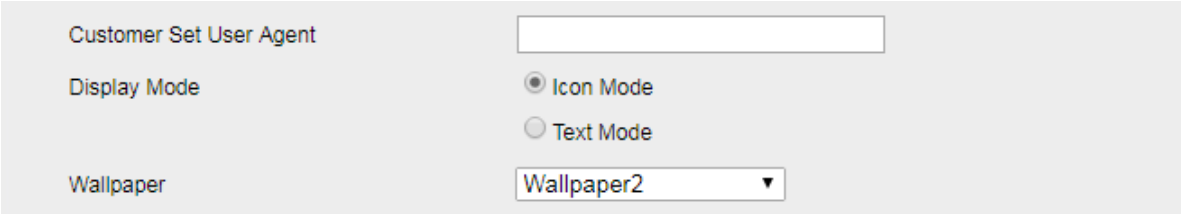
1. Press Menu→ Display→ Display Mode

2. Select Text or Icon

3. Press Save soft key to save the configuration.

To Configure Display mode via Web interface:

1. Login web interface, and click Setting→ Preference



2. Select Icon Mode or Text Mode for the Display mode

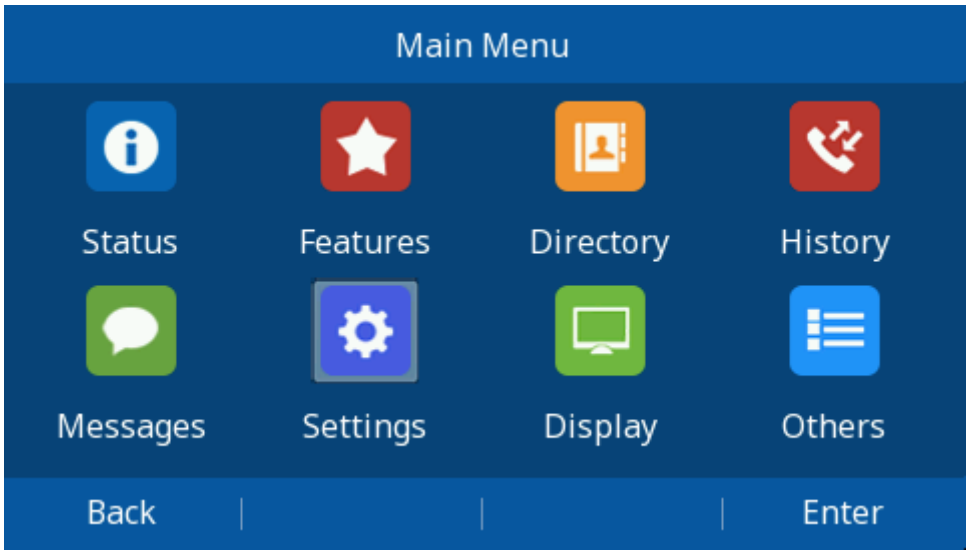
3. Click SaveSet to save the configuration.

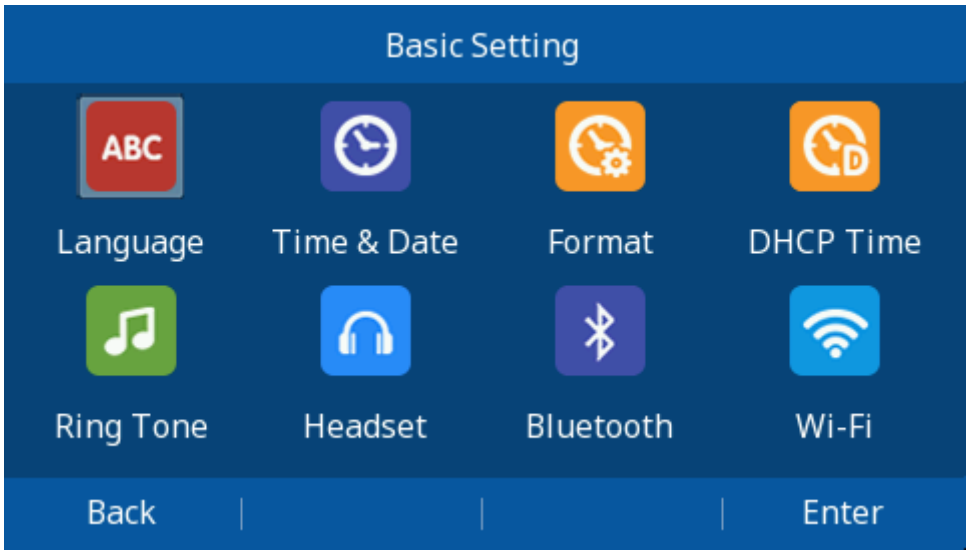
Language

The default Phone interface language is English.

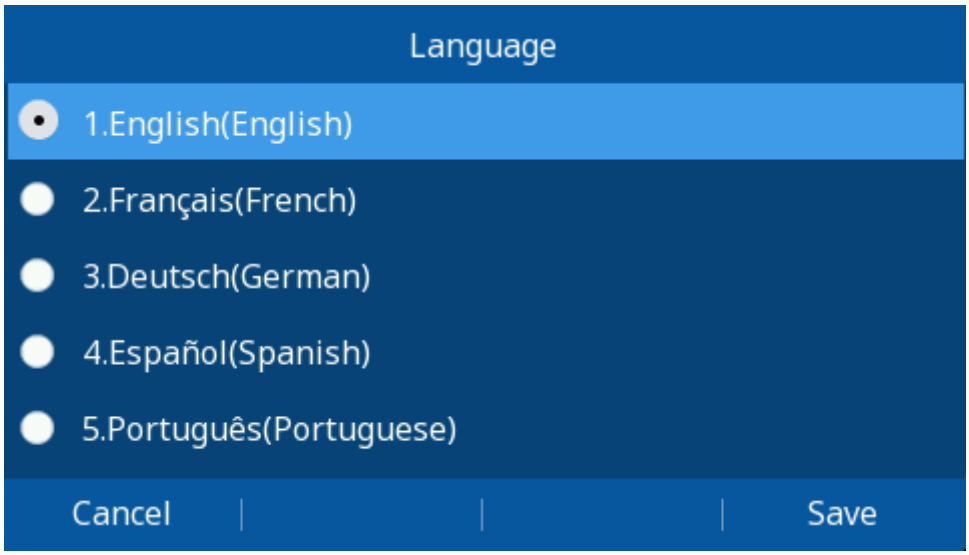
To change the language via Phone interface

1. Press Menu → Settings → Basic Settings → Language.





2. Press or Save soft key to save the configuration.

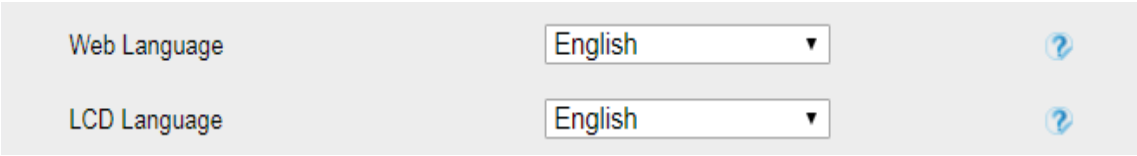


To change the language via Web interface

1. Setting → Preference →Web Language & LCD Language

2. Select the necessary one.

3. Press SaveSet to save the configuration.



Note:

All languages may not be available for selection. The available languages depend on the language packs currently loaded to the IP phone.

Wallpaper

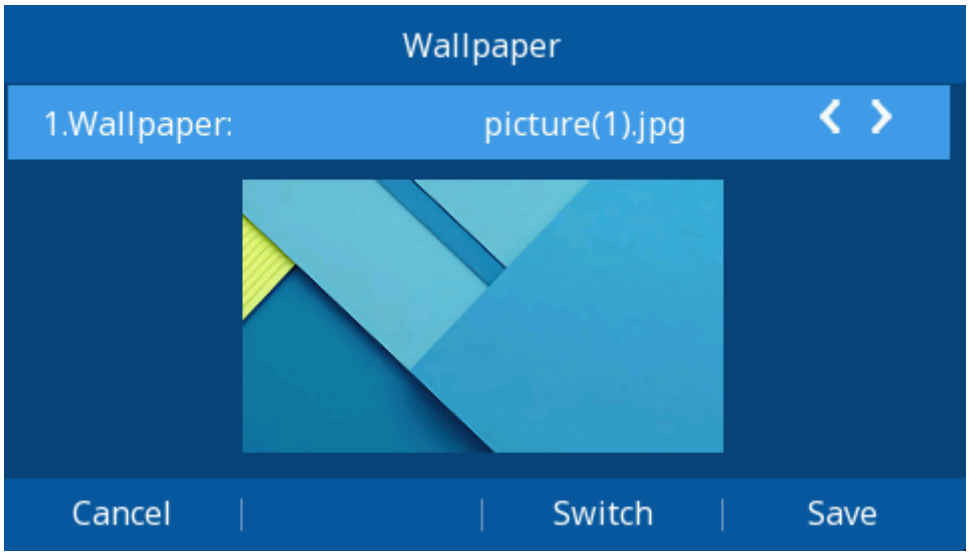
To change wallpaper, go by the following steps:

To change the wallpaper via Phone interface:

1. To press Menu → Display → wallpaper

2. Press and or press Switch soft key to display the different pictures.

3. Press or Save soft key to save the selected picture as the wallpaper.

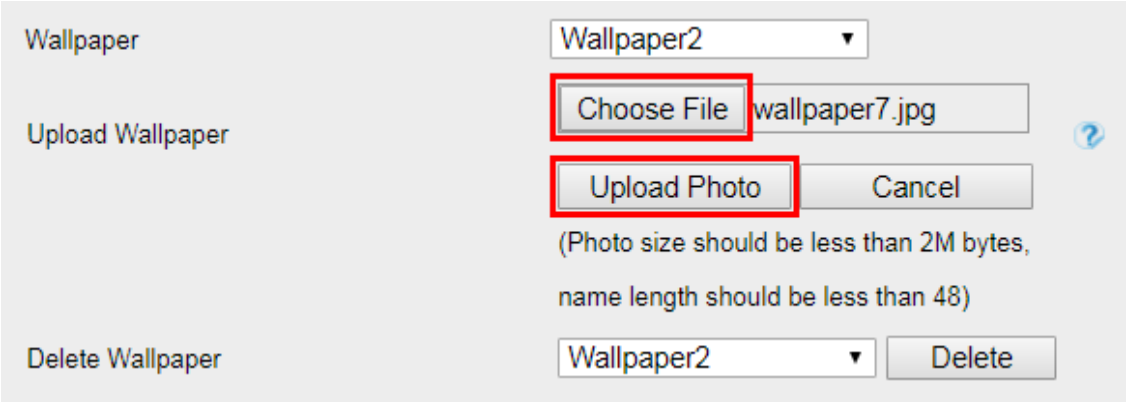


To change the wallpaper via Web interface:

1. Click Setting→ Preference

2. Select the desired wallpaper picture to upload.

3. Click Upload Photo to save the setting.

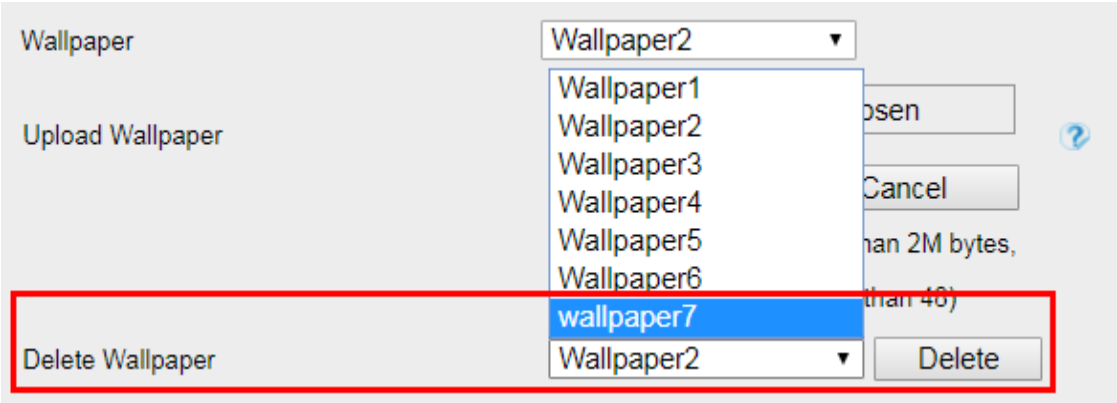


To delete the wallpaper via Web interface:

1. Click Setting→ Preference

2. Select the desired wallpaper to delete.

3. Click Delete to save the setting.



Note:

System wallpaper (Wallpaper1-Wallpaper6) cannot be deleted and only color IP Phone support upload wallpaper.

Screen Saver

There are four types of screen saver: Time & Logo, Time Only, Photo Switch and Static Photo.

Time & Logo: when the screensaver works, it will show Time and logo in turns.

Time Only: when the screensaver works, it will only show Time

Photo Switch: all screensaver pictures display one by one.

Static Photo: Only the selected picture will display as screensaver.

Text Logo: It works with the **Time & Logo,** when enter the value, it will display the time and the entered value in turns.

To enable screen saver via Phone interface:

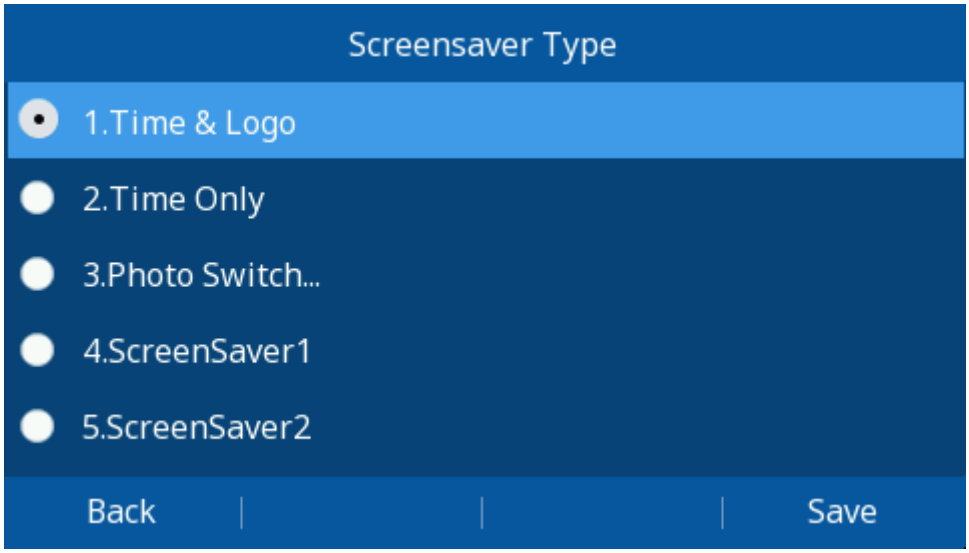
1. To press Menu→ Display→ Screensaver...

2. Press and or press Switch soft key to choose the Time-out as 1 min or 2/5/10/30 minute.

3. Press or Save soft key to save the selected configuration.

4. Enter the Screensaver Type to choose one of the type: Time & Logo, Time Only, Photo Switch and Photo.

5. Press or Save soft key to save the selected configuration.

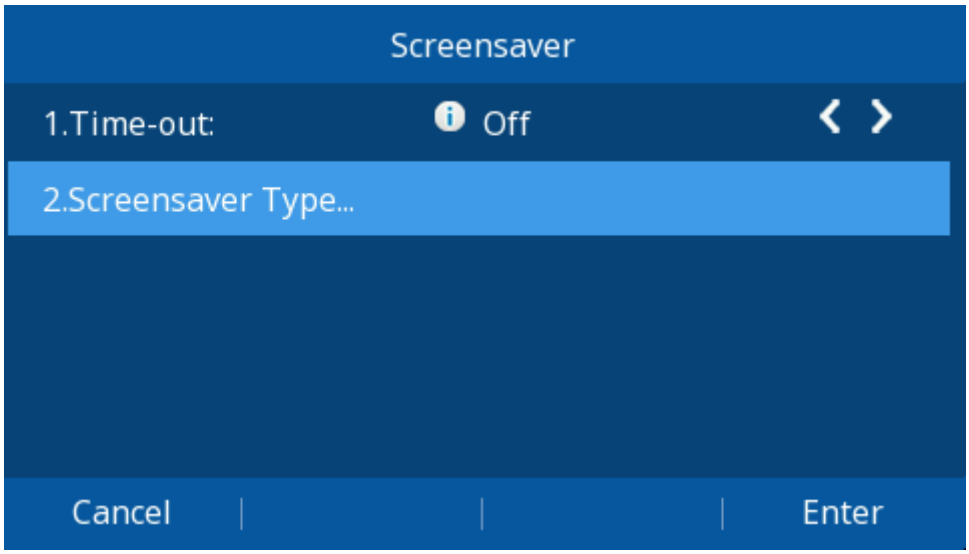


To disable screen saver via Phone interface

1. To press Menu→ Display→ Screensaver...

2. Press and or press Switch soft key to choose the Time-out as off.

3. Press or Save soft key to save the selected configuration.

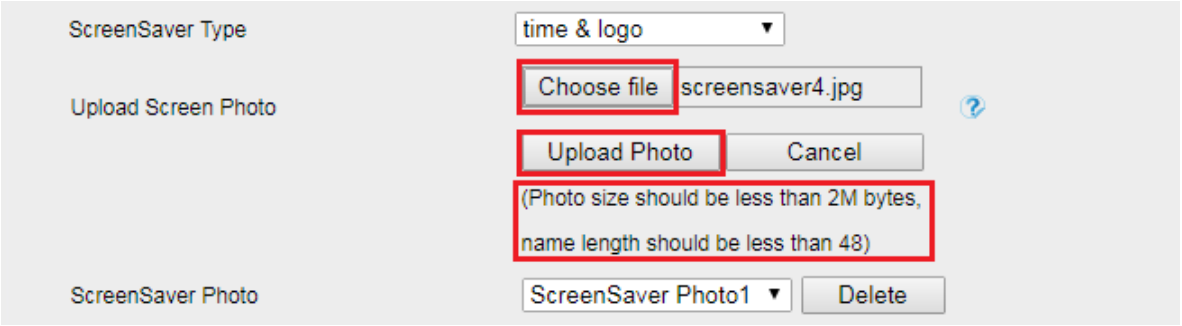


To upload screen saver via Web interface:

1. Setting → Preference

2. Choose the picture wanted to use as screen saver

3. Click Upload Photo to save the upload picture

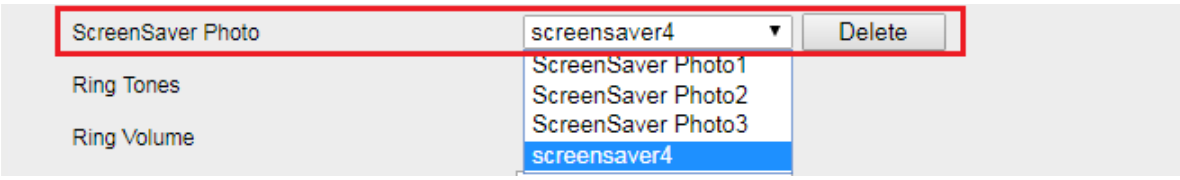


To delete upload screen saver phone via Web interface:

1. Setting → Preference

2. Select the photo that to delete.

3. Click Delete to delete the photo.



Note:

System Screen Photo (ScreenSaver1-ScreenSaver3) cannot be deleted and only color IP Phone support upload wallpaper.

To custom text logo via Web interface:

1. Click Setting→ Preference.

2. Choose the Screen Time Out as 1 min or 2/5/10/30 minute and choose the ScreenSaver Type as time & logo.

3. Enter the desired value in the Text Logo field.

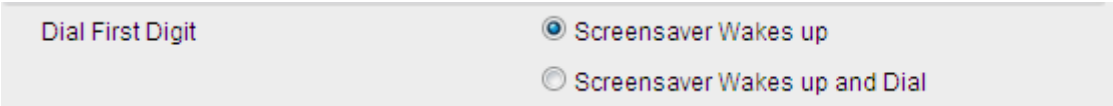
4. Click SaveSet to save the configuration.

To wake up screen saver via Web interface:

1. Setting → Preference

2. Choose Dial First Digit: Screensaver Wakes up or Screensaver Wakes up and Dial

3. Click SaveSet to save the configuration.



Note:

1. The upload Photo size should be less than 2MB, name length should be less than 48 characters, and the File name should be letters, numbers or underline '_' and photo number should be less than 9.

2. The default screensaver photos cannot be deleted.

3. You can only upload screen photos in format of '.bmp' and '.jpg'.

Backlight

To set Backlight via Web interface:

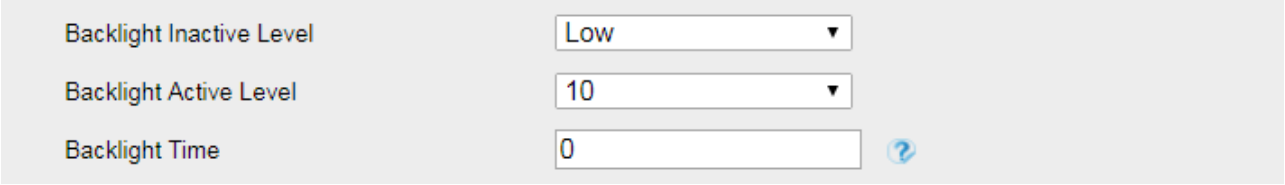
1. Click Setting→ Preference

2. Enter the time for Backlight time (In seconds).

The default is 0, which means Backlight is always on.

3. Select the desired value for Backlight Inactive Level and Backlight Active Level.

4. Click SaveSet to save the configuration.



To set Backlight via phone interface:

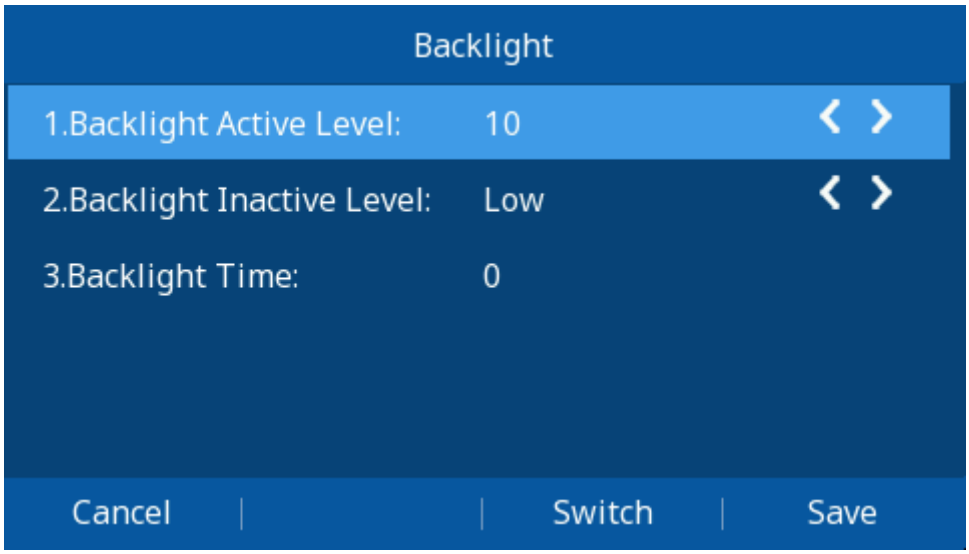
1. To press Menu → Display → Backlight

2. Press or to change the Backlight Active Level

3. Press or to change the Backlight Inactive Level.

4. Fill the Backlight Time.

5. Press or Save soft key to save the configuration.



Note:

1. Backlight Active Level is used to adjust the brightness of backlight

2. Backlight Inactive Level controls the backlight is all dark or brightness can be adjusted

3. Backlight Time refers to the time into the backlight

Time and Date

Time and date is displayed on the idle page, and it can be set automatically by SNTP server or manually by manual setting.

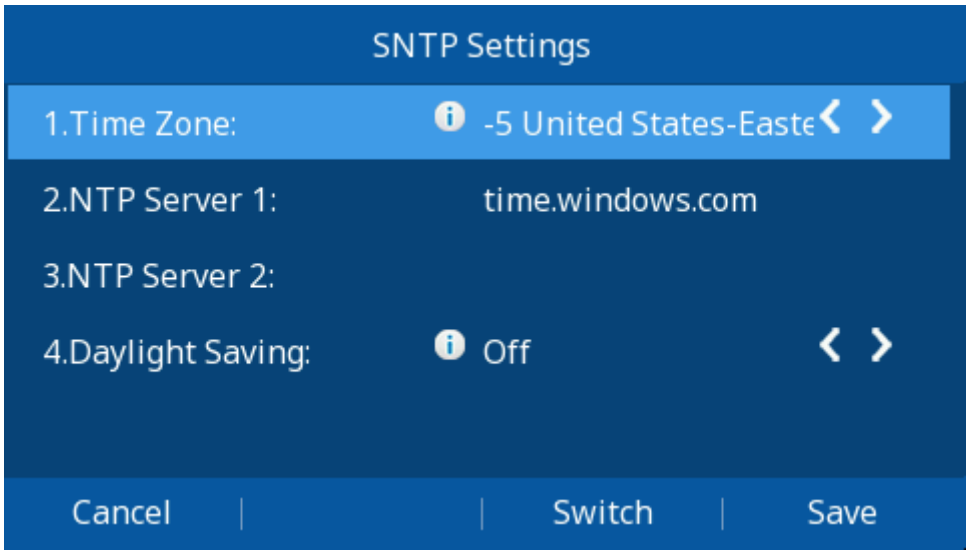
To configure the time and Date by SNTP setting via Phone interface

1. To press Menu → Settings → Basic Setting → Time & Date → SNTP Settings

2. Press or to change the Time zone.

3. Fill the NTP Server1, NTP Server2, and select the mode of Daylight Saving.

4. Press or Save soft key to save the configuration.

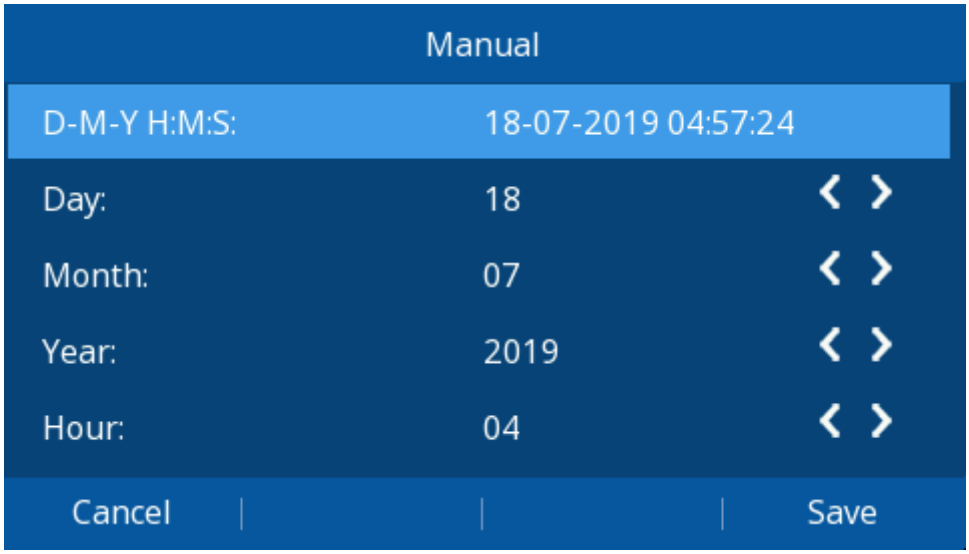


To configure time and date manually via Phone interface

1. To press Menu → Settings → Basic Setting → Time & Date → Manual Settings

2. Press and to change the right time, or you can input the right time.

3. Press or Save soft key to save the configuration.



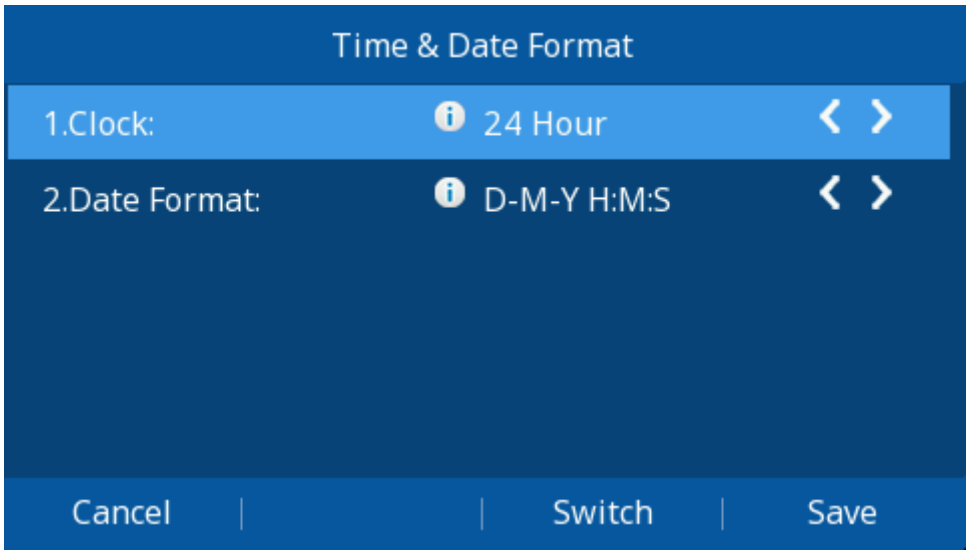
To configure the Time & Date Format via Phone interface

1. Press Menu → Settings → Basic Setting → Time & Date Format

2. Press and to change between 12 Hour or 24 Hour time display.

3. Press and to change date display format.

4. Press or Save soft key to save the configuration.

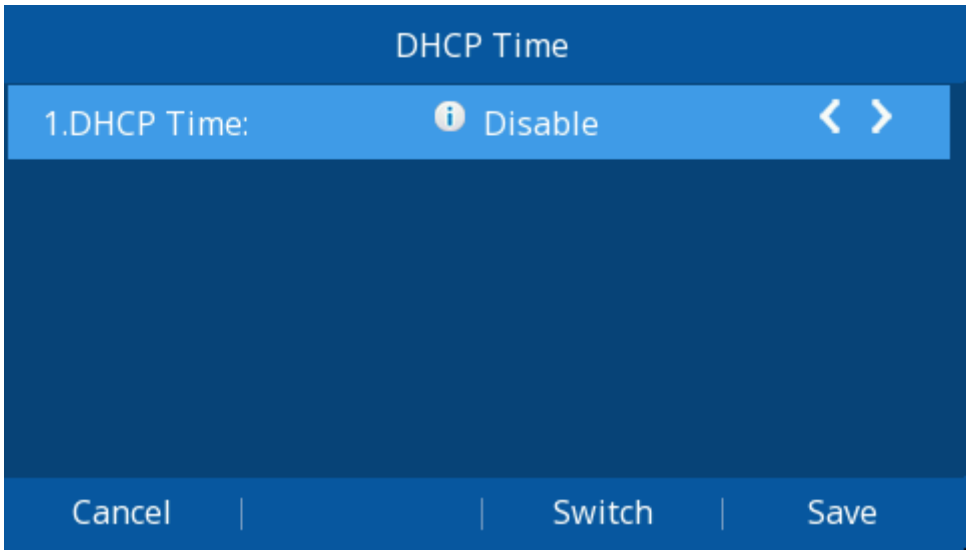


To configure the DHCP time via Phone interface

1. To press Menu → Settings → Basic Setting → DHCP time

2. Press and to change between Disable and Enable.

3. Press or Save soft key to save the configuration.

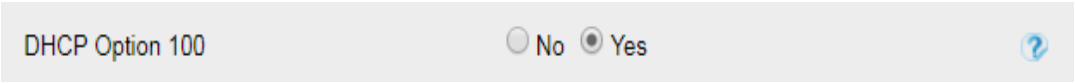


To configure the DHCP Option 100

1. To press Menu → Settings → Date & Time → DHCP Option 100

2. Select Yes for the DHCP SIP Server

3. Click SaveSet to save the configuration



To configure the NTP Server via Web interface

1. Login

Login name: admin, password: admin(default)

2. Setting → Date &Time →NTP Server

3. Fill the value in the blank.

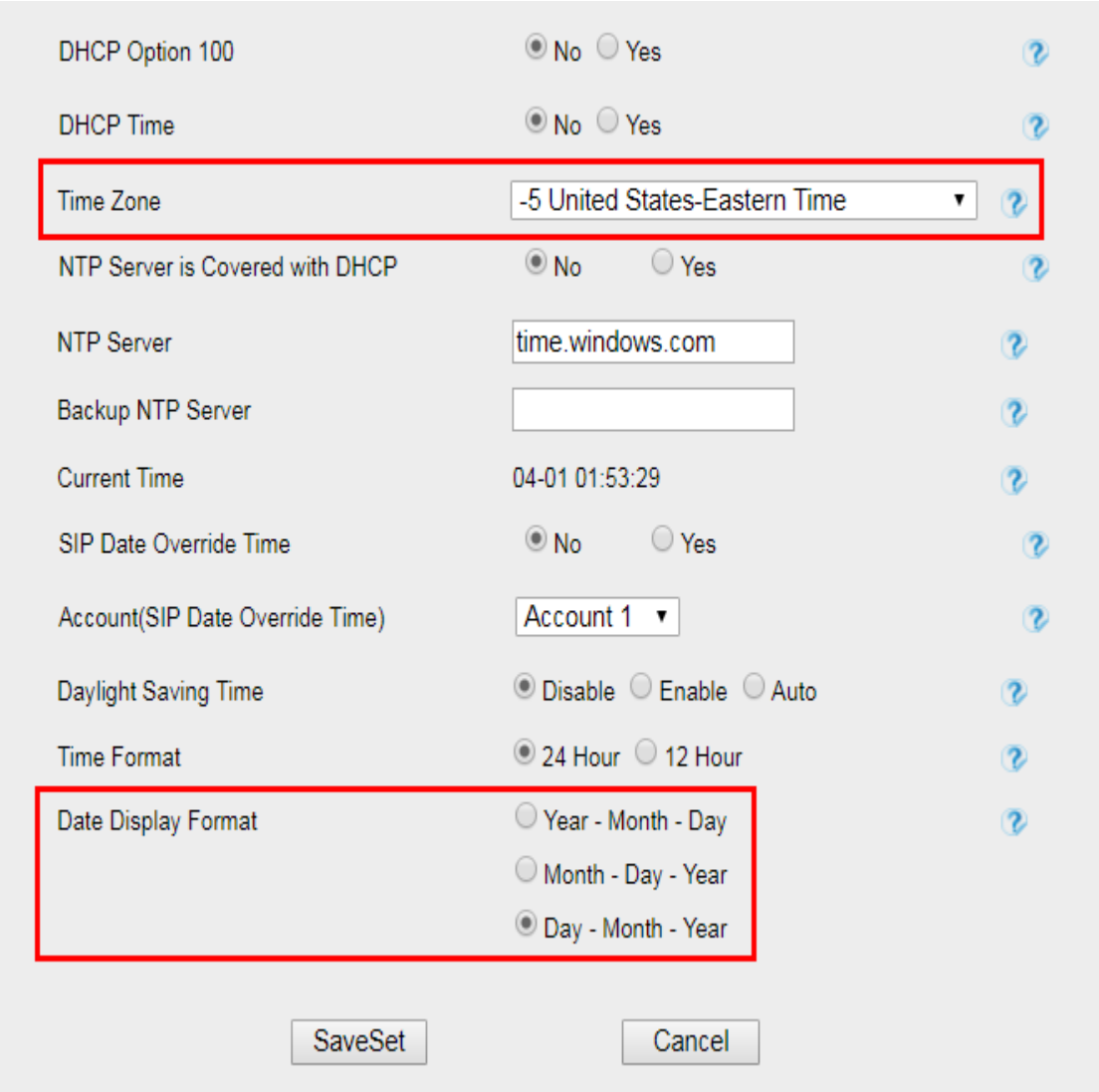
4. Click SaveSet to save the configuration.

To change the Time Zone and Date Display Format via Web interface

1. Setting → Date &Time

2. Select the necessary one.

3. Press SaveSet to save the configuration.

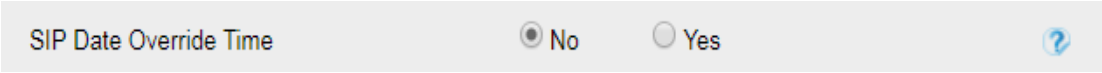


To change the SIP Date Override Time via Web interface

1. Setting → Date &Time→ SIP Date Override Time

2. Select Yes or No for SIP Date Override Time .

3. Click SaveSet to save the configuration.

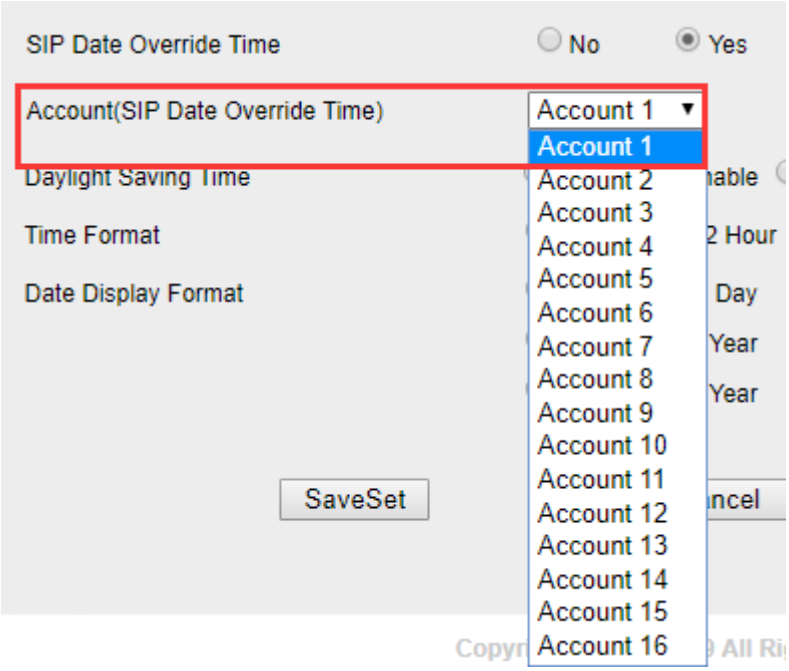


To change the Account via Web interface

1. Setting → Date &Time → Account.

2. Select desired Account.

3. Click SaveSet to save the configuration.

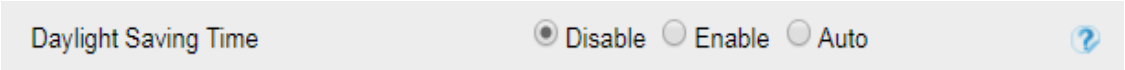


To change the Daylight Saving Time via Web interface

1. Setting → Date &Time→ Daylight Saving Time

2. Select Disable or Enable or Auto for Daylight Saving Time.

3. Click SaveSet to save the configuration.



Note: If the IP Phone cannot obtain the time and date from the Simple Network Time Protocol (SNTP) server, please contact your system administrator for more information.

Daylight Saving Time

Daylight Saving Time (DST) is the practice of temporary advancing clocks during the summertime so that evenings have more daylight and mornings have less. Typically, clocks are adjusted forward one hour at the start of spring and backward in autumn. Many countries have used the DST at various times, details vary by location. The DST can be adjusted automatically from the time zone configuration. Typically, there is no need to change this setting

LED Status Setting

The LED Status setting mainly defines the power indicator LED.

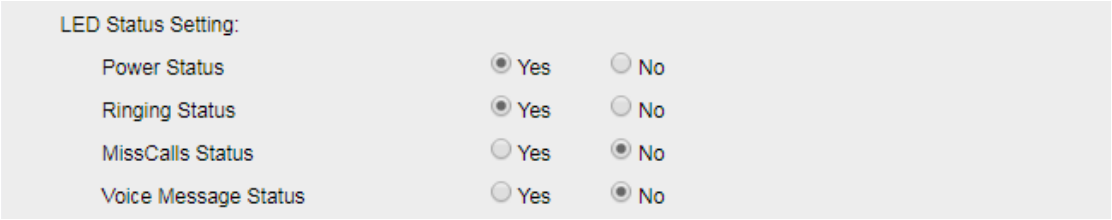
To configure LED Status via Web interface:

1. Click Setting→ Preference

2. Select Yes or No for Power Status, Ringing Status, Miss Calls Status and Voice Message Status.

3. Click SaveSet for the setting.

For the LED status description, see: LED Instruction Power Indicator LED



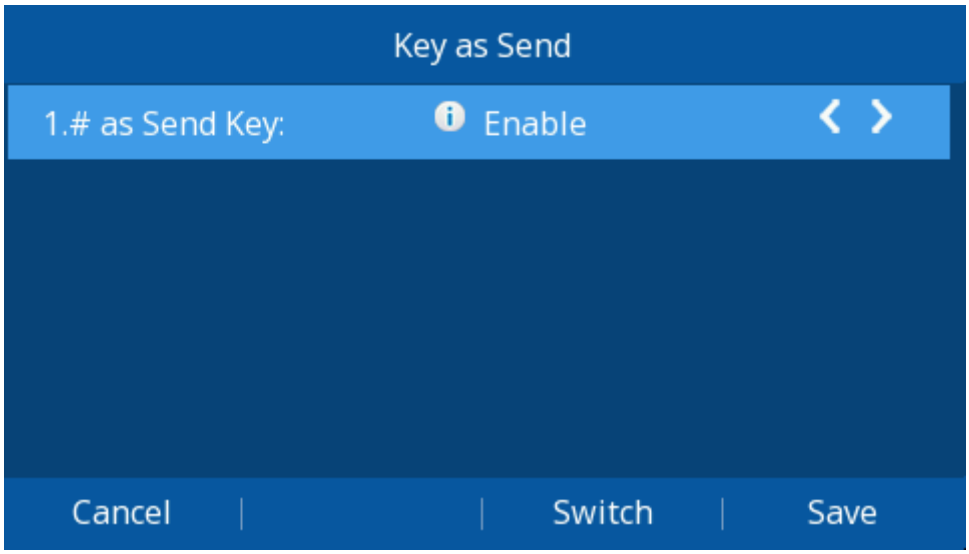
Key as Send

To configure Key as Send via Phone interface:

1. Press Menu →Features → Key as Send

2. Press and key to select the Enable choice.

3. Press or Save soft key to save the configuration.



To cancel # Key as Send via Phone interface:

1. Press Menu →Features → Key as Send

2. Press and key to select the Disable choice.

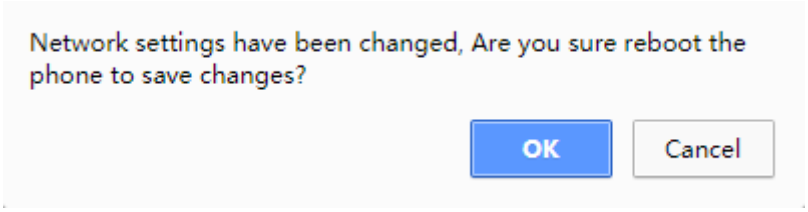
3. Press or Save soft key to save the configuration.

Network Setting

IP Phone supports IPv4, IPv6, IPv4&IPv6.They have three mode of Network: DHCP, Static, and PPPoE. The default mode is DHCP, it will obtain IP address and other information automatically.

If your phone cannot contact a DHCP server for any reason, you need to configure a static IP address manually.

When switch DHCP, Static IP and PPPoE to each other, or change the Static IP on webpage, it will show the warning of restart as following.



IPv4

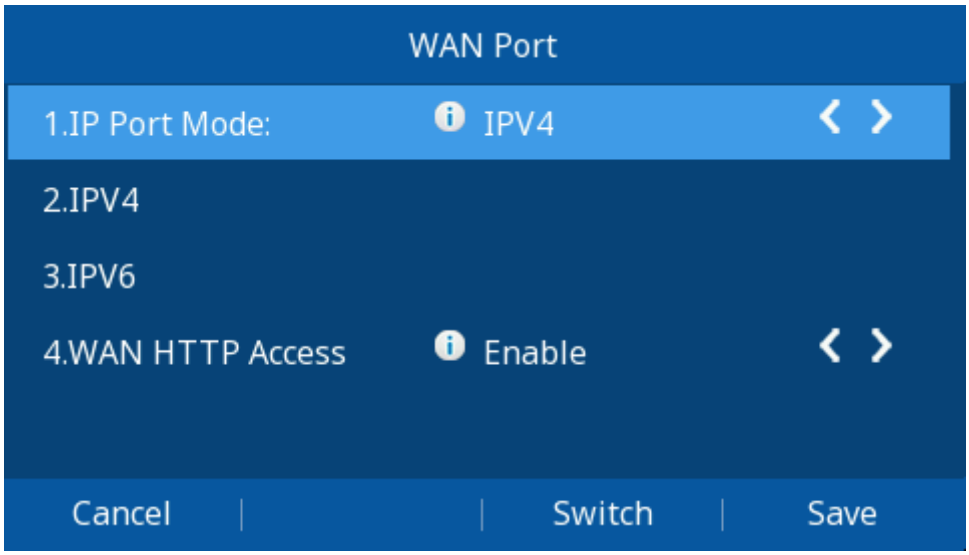
If you set IP Mode to IPv4,IP phone will use IPv4 address. IPv4 has three network modes: DHCP, Static, and PPPoE

To configure IPv4 via Phone interface:

1. Press Menu→ Settings→ Advanced Setting (password: admin) → Network→ WAN Port → IP Port Mode.

2. Press or to change the IP Port Mode..

3. Press or Save soft key to save the configuration.

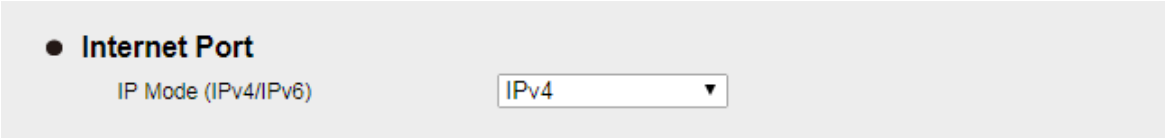


To configure IPv4 via Web interface:

1. Click Network→ Basic→ Internet Port

2. Select IPv4 for Internet Port

3. Click SaveSet for the setting.



To configure DHCP via Phone interface:

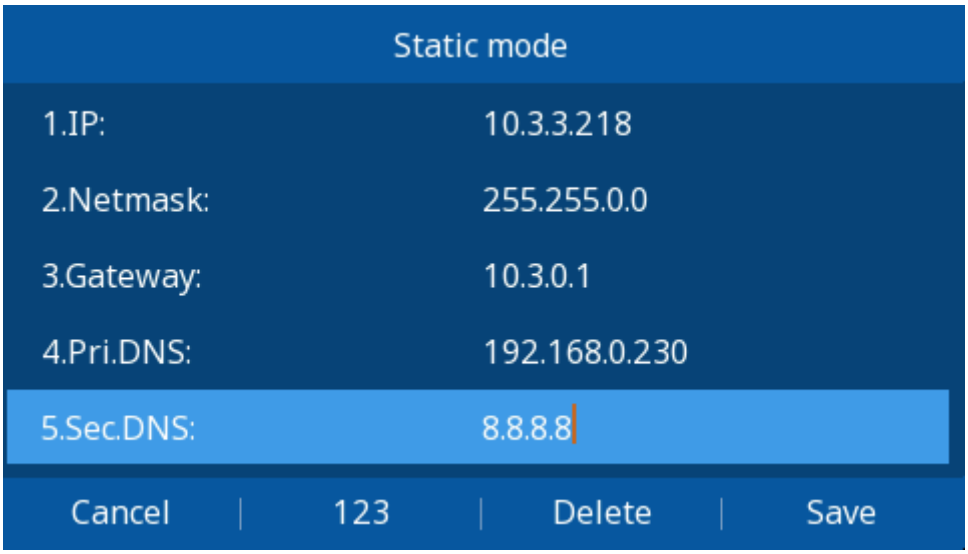
1. Press Menu→ Settings→ Advanced Setting (password: admin) → Network→ WAN Port IPv4→ DHCP mode.

2. Click Save and restart the phone.

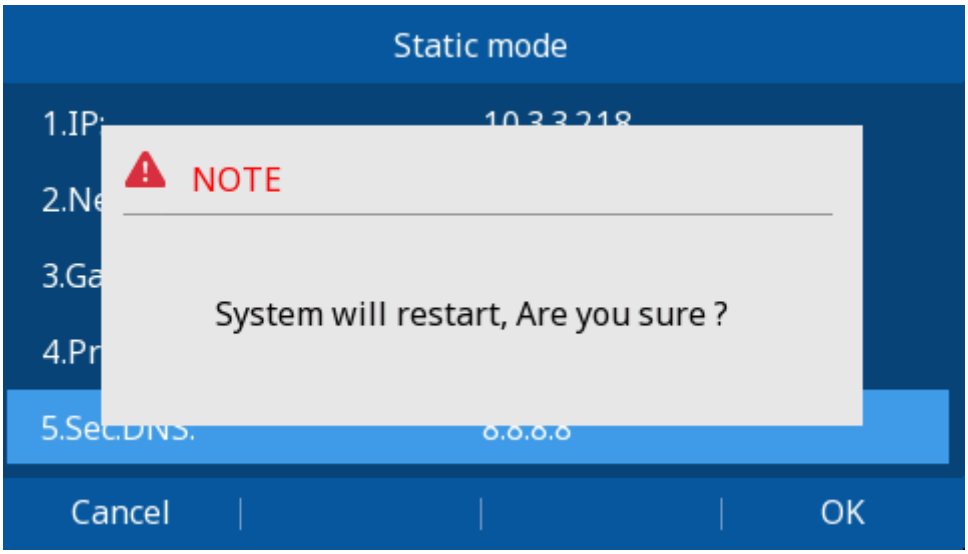
To configure a static IP address via Phone interface:

1. Press Menu→ Settings→ Advanced Setting (password: admin) → Network→ WAN Port → IPv4 → Static mode.

2. Enter the parameters: IP, Netmask, Gateway, Pri.DNS(primary DNS), Sec.DNS (second DNS) in the corresponding fields.



3. Click Save and restart the phone.



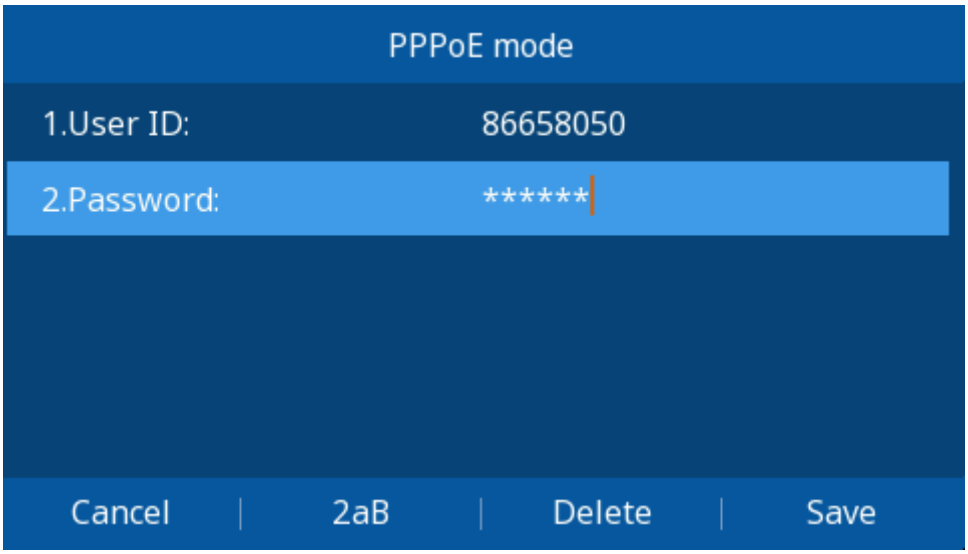
4. Press the OK soft key to accept the change or the Cancel soft key to cancel. If you are using an xDSL modem, you can connect your phone to the Internet via PPPoE mode. You can set a WAN port to be a PPPoE port. The PPPoE port will perform a PPP negotiation to obtain the IP address. Contact your system administrator for the PPPoE user name and password.

To configure PPPoE via Phone interface:

1. Press Menu→ Settings→ Advanced Setting (password: admin) → Network→ WAN Port → PPPoE mode.

2. Enter the User ID and password

3. Click Save and restart the phone.



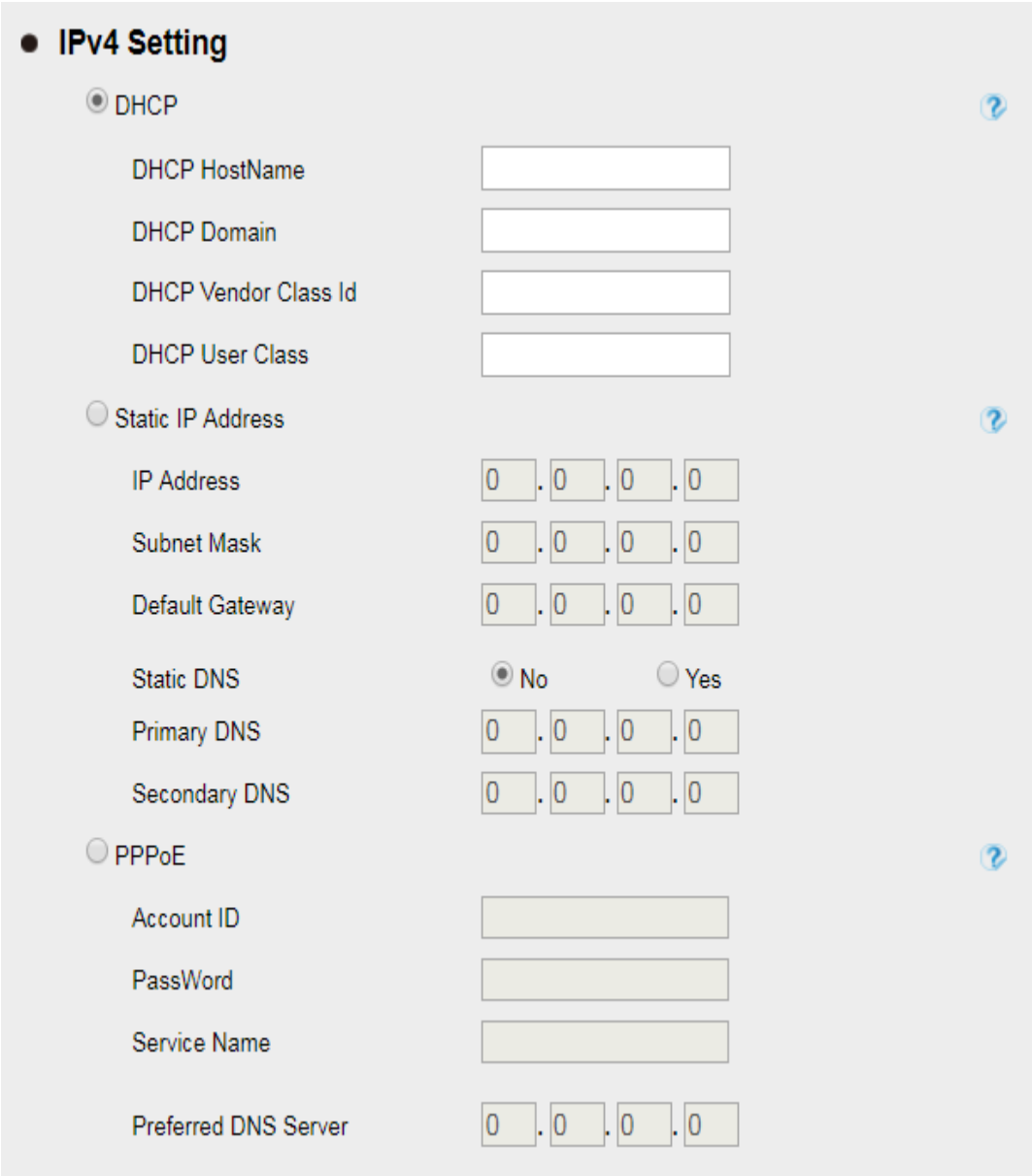
To configure Network via Web interface:

1. Click Network→ Basic→ IPv4 setting

2. Select the desired Type: DHCP, Static or PPPoE

3. Filled the necessary information.

4. Click the SaveSet and restart the phone.



IPv6

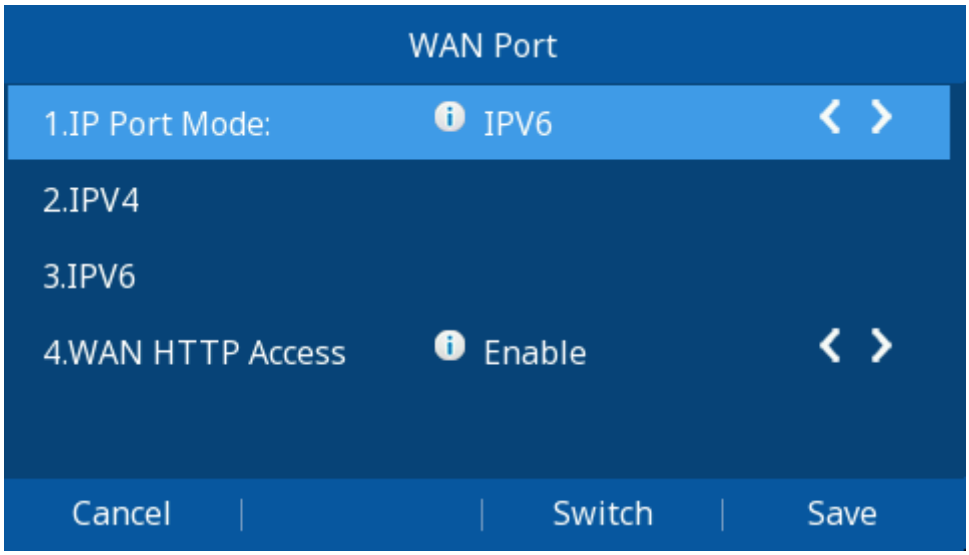
If you set IP Mode to IPv6,IP phone will use IPv6 address. IPv4 has two network modes: DHCP, Static

To configure IPv6 via Phone interface:

1. Press Menu→ Settings→ Advanced Setting (password: admin) → Network→ WAN Port → IP Port Mode.

2. Press or to change the IP Port Mode..

3. Press or Save soft key to save the configuration.

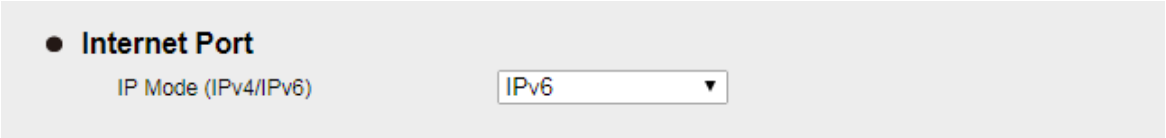


To configure IPv6 via Web interface:

1. Click Network→ Basic→ Internet Port

2. Select IPv6 for Internet Port

3. Click SaveSet for the setting.



To configure DHCP via Phone interface:

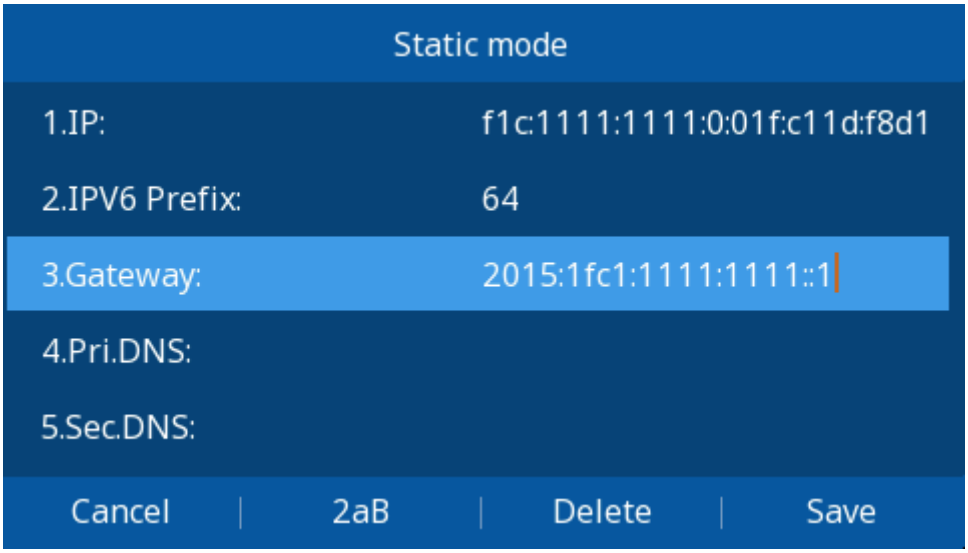
1. Press Menu→ Settings→ Advanced Setting (password: admin) → Network→ WAN Port IPv6→ DHCP mode.

2. Click Save and restart the phone.

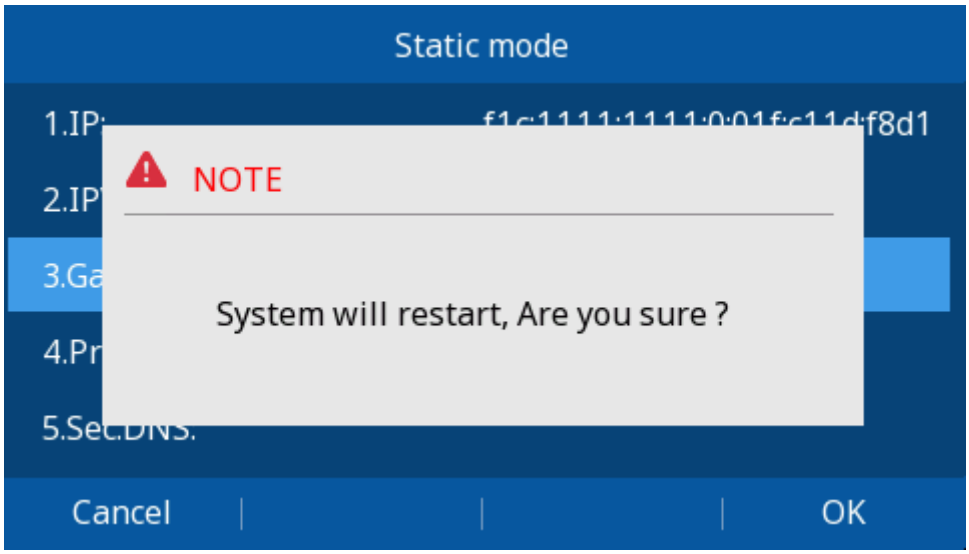
To configure a static IP address via Phone interface:

1. Press Menu→ Settings→ Advanced Setting (password: admin) → Network→ WAN Port → IPv6 → Static mode.

2. Enter the parameters: IP, IPV6 Prefix, Gateway, Pri.DNS(primary DNS), sec.DNS (second DNS) in the corresponding fields.



3. Click Save and restart the phone.



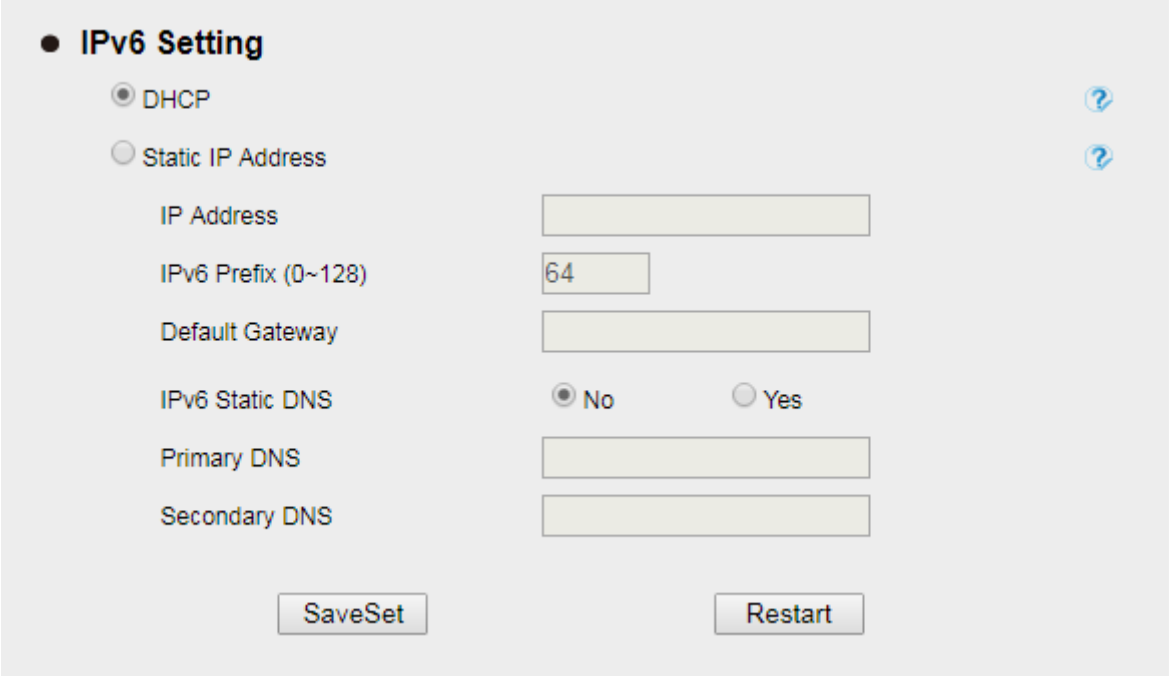
To configure Network via Web interface:

1. Click Network→ Basic→ IPv6 setting

2. Select the desired Type: DHCP, Static

3. Fill required fields.

4. Click the SaveSet and restart the phone.



IPv4&IPv6

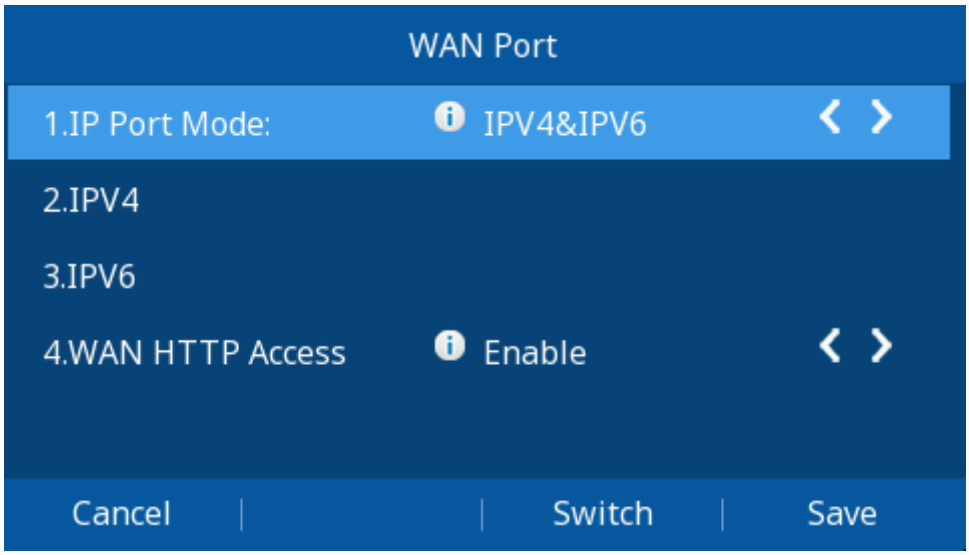
If you set IP Mode to IPv4&IPv6,IP phone will support both IPv4 and IPv6 address. The settings of DHCP, Static, and PPPoE are same as above.

To configure IPv4&IPv6 via Phone interface:

1. Press Menu→ Settings→ Advanced Setting (password: admin) → Network→ WAN Port → IP Port Mode.

2. Press or to change the IP Port Mode..

3. Press or Save soft key to save the configuration.

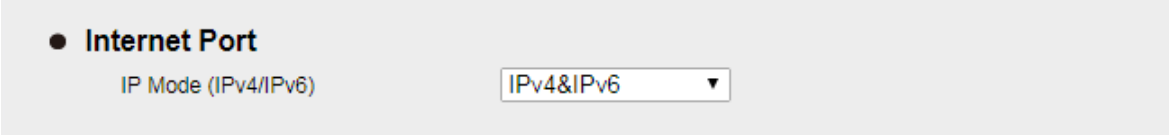


To configure IPv4&IPv6 via Web interface:

1. Click Network→ Basic→ Internet Port

2. Select IPv4&IPv6 for Internet Port

3. Click SaveSet for the setting.



Note:

Wrong network parameters may result in inaccessibility of your phone and may also have an impact on your network performance. For more information about these parameters, contact your system administrator.

PC Port

Three modes for PC port: bridge, connect to Expansion Module and router.

To configure PC Bridge via Phone interface:

1. Press Menu→ Settings→ Advanced Setting (password: admin) → Network→ PC Port → Bridge mode.

2. Click Save

3. Click the OK button, then the phone will reboot.

To configure PC router via Phone interface:

1. Press Menu→ Settings→ Advanced Setting (password: admin) → Network→ PC Port → Router mode.

2. Enter the IP, Netmask and DHCP server

3. Click Save

4. Click the OK button, then the phone will reboot

To configure PC, Connect to Expansion Module via Phone interface:

1. Press Menu→ Settings→ Advanced Setting (password: **admin**) → Network→ PC Port → Connect to Module.

2. Click Save

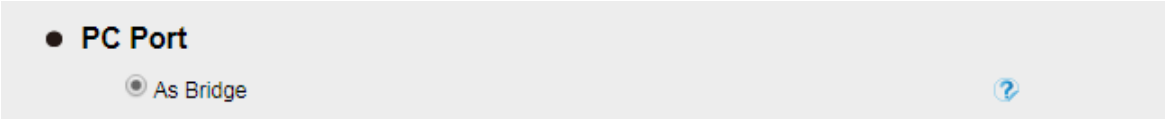
3. Click the OK button, then the phone will reboot

To configure Bridge via Web interface:

1. Click Network→ PC Port

2. Select As Bridge

3. Click SaveSet and the phone will reboot automatically



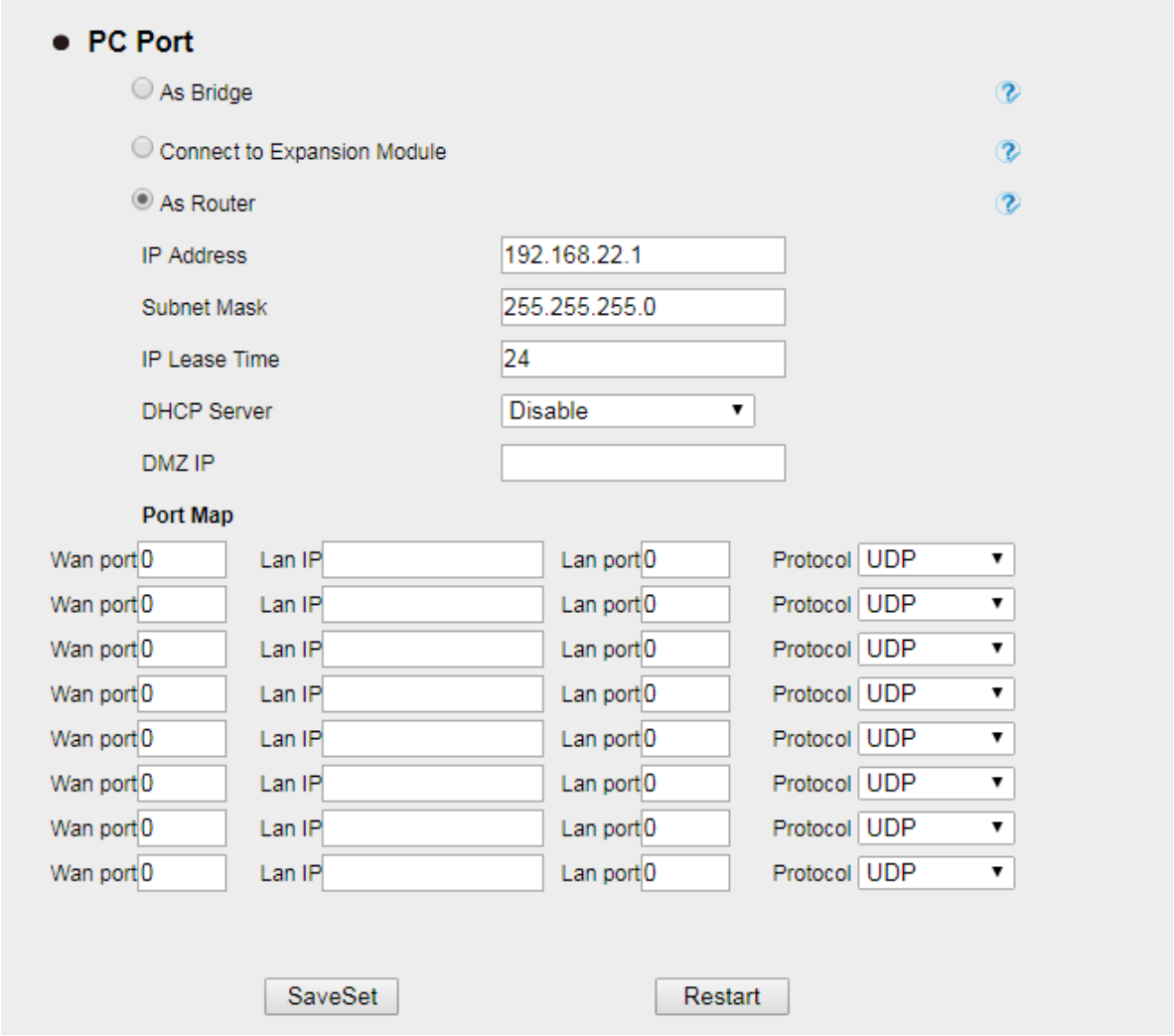
To configure Router via Web interface:

1. Click Network→ PC Port

2. Select As Router

3. Fill the IP address and other necessary information.

4. Click SaveSet and the phone will reboot automatically

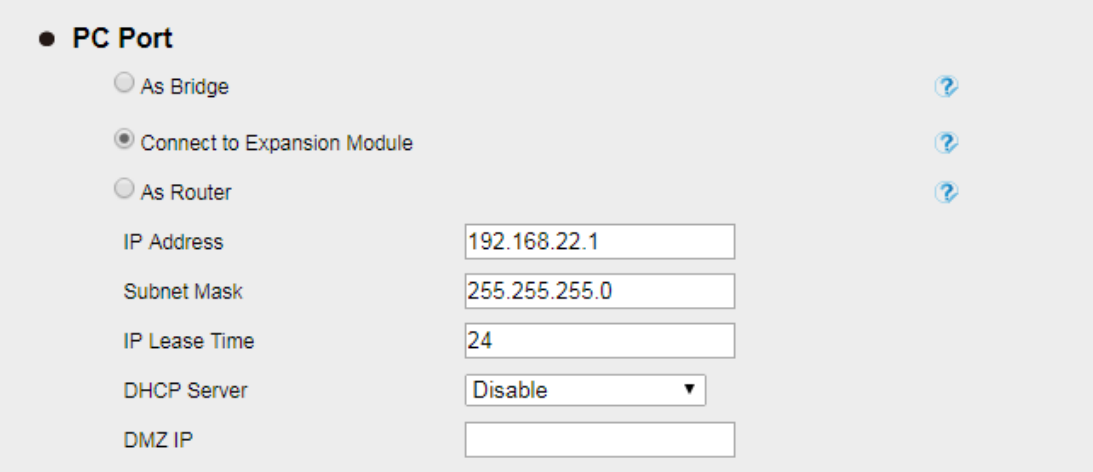


To configure PC, Connect to Expansion Module via Web interface:

1. Click Network→ PC Port

2. Select as Connect to Expansion Module

3. Click SaveSet and the phone will reboot automatically



Contact Setting

This section provides the operating instructions for managing contacts. The topics include:

- Local Directory
- Remote Phonebook
- LDAP
- Search Contact

Local Directory

In the directory, you can add or delete your friends, business partner or anyone others' phone No. so you will not forget their number. Or put some anonymous phone No. in the blacklist to prevent from being disturbed. The local Directory can add up to 1000 contacts.

A. To add contacts list into local directory

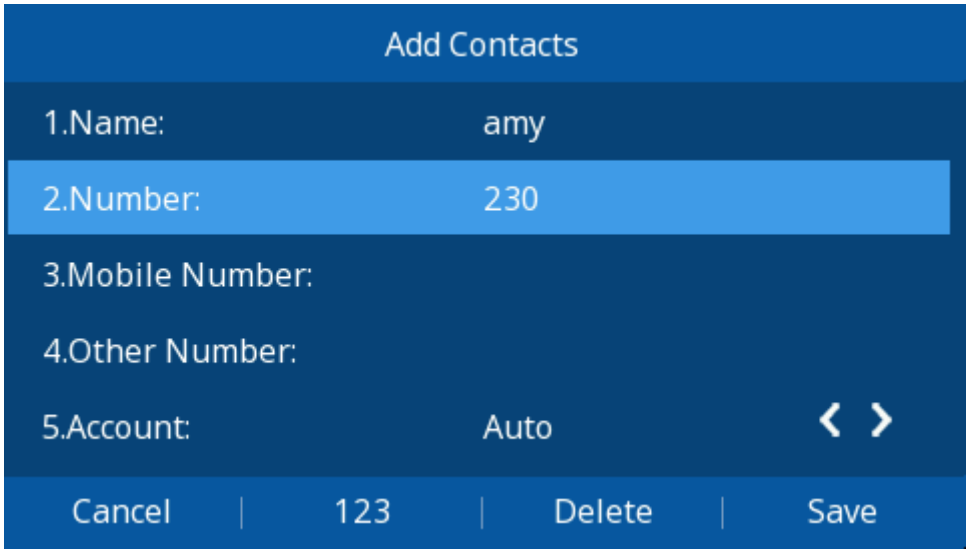
To add contacts manually via Phone interface

1. Press Menu → Directory → Local Contacts

2. Press Add soft key.

3. Enter the necessary information as Name, Phone number…

4. Press save soft key or to add the contacts successfully.



To add contacts from history via Phone interface:

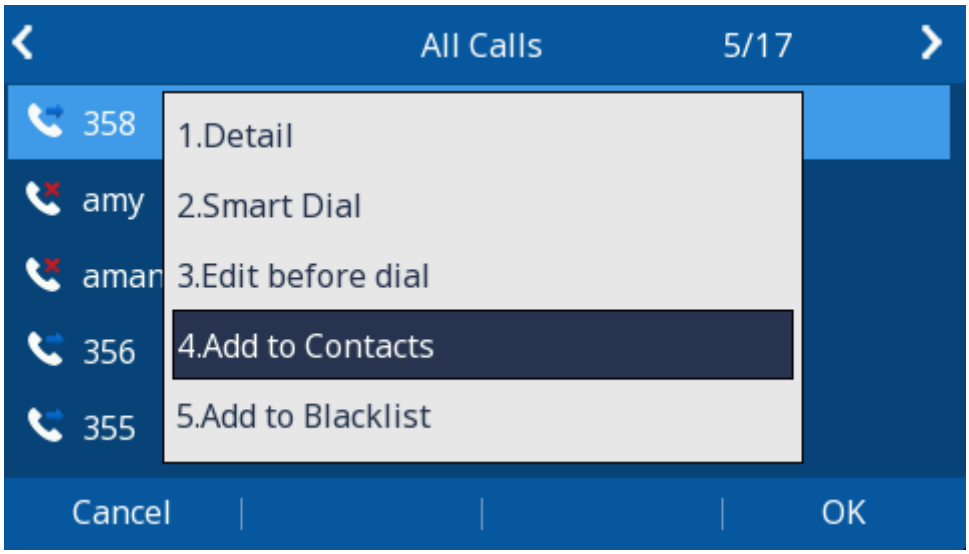
1. Press History soft key or press Menu → History → Local History

2. Press and to select the targeted one. (Press and switched among the All Calls, Missed Calls, Received Calls, Dialed Calls and Forwarded Calls).

3. Press Option soft key→ Add to Contacts

4. Edit the necessary information as Name, Phone number…

5. Press Save soft key or to add the contacts successfully.

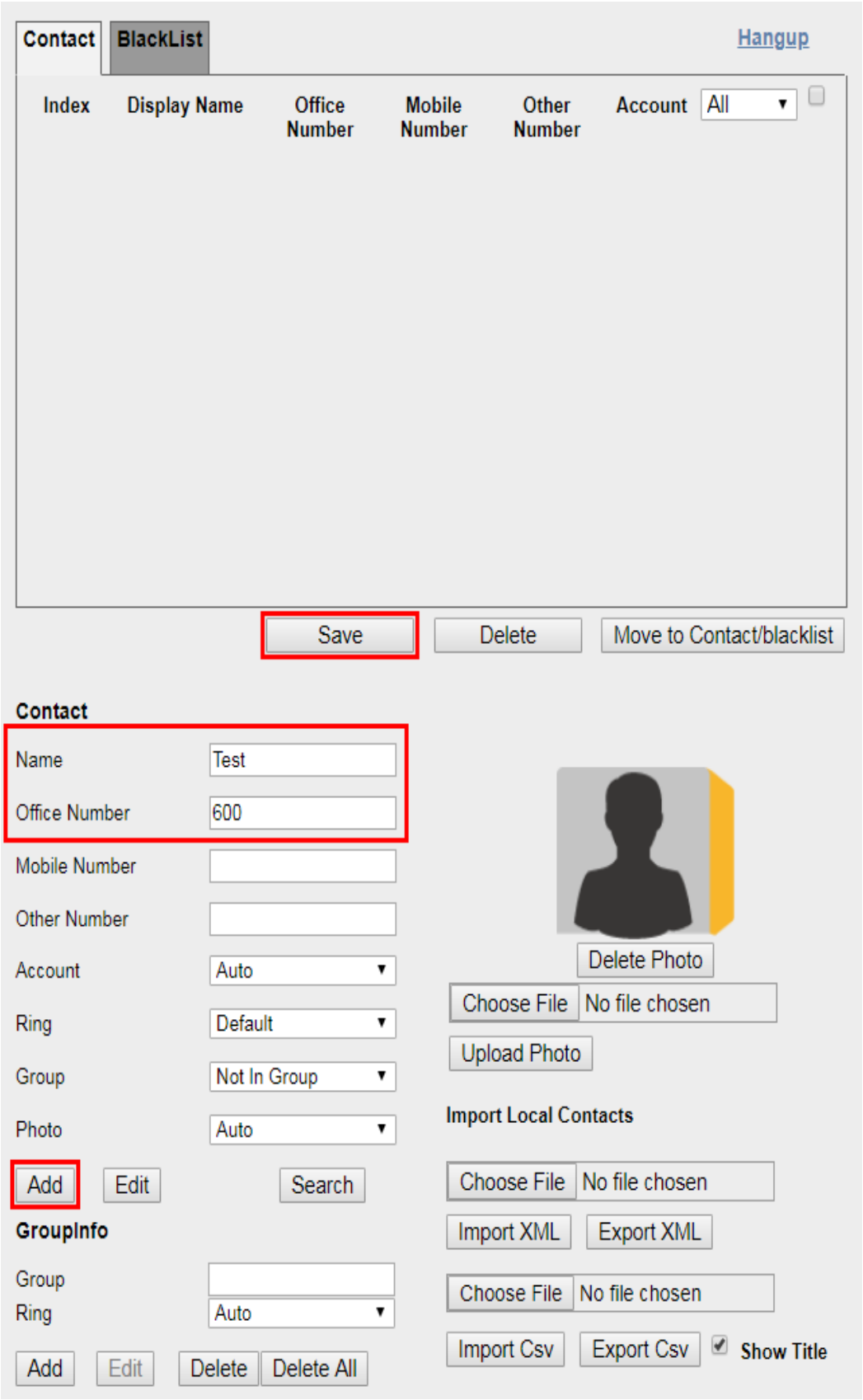


To add contacts via Web interface:

1. Click Directory→ Directory

2. Enter the name, number and some other information.

3. Press Add and then press Save button.


Contact
BlackList
Hangup
Index
Display Name
Office Number
Mobile Number
Other Number
Account
All
Save
Delete
Move to Contact/blacklist
Contact
Name
Test
Office Number
600
Mobile Number
Other Number
Account
Auto
Ring
Default
Group
Not In Group
Photo
Auto
Add
Edit
Search
GroupInfo
Group
Ring
Auto
Add
Edit
Delete
Delete All
Delete Photo
Choose File
No file chosen
Upload Photo
Import Local Contacts
Choose File
No file chosen
Import XML
Export XML
Choose File
No file chosen
Import Csv
Export Csv
Show Title

B: To add contacts into blacklist

To add blacklist manually via Phone interface:

1. Press Menu → Directory → BlackList

2. Press Group soft key.

3. Press Add soft key.

4. Enter the Name and select the Ring Tone.

5. Press Save soft key or to add the Group successfully.

6. Enter the added Group, then press Add soft key.

7. Enter the necessary information as Name, Phone number…

8. Press Save soft key or to add the contacts successfully.

To add blacklist from history via Phone interface:

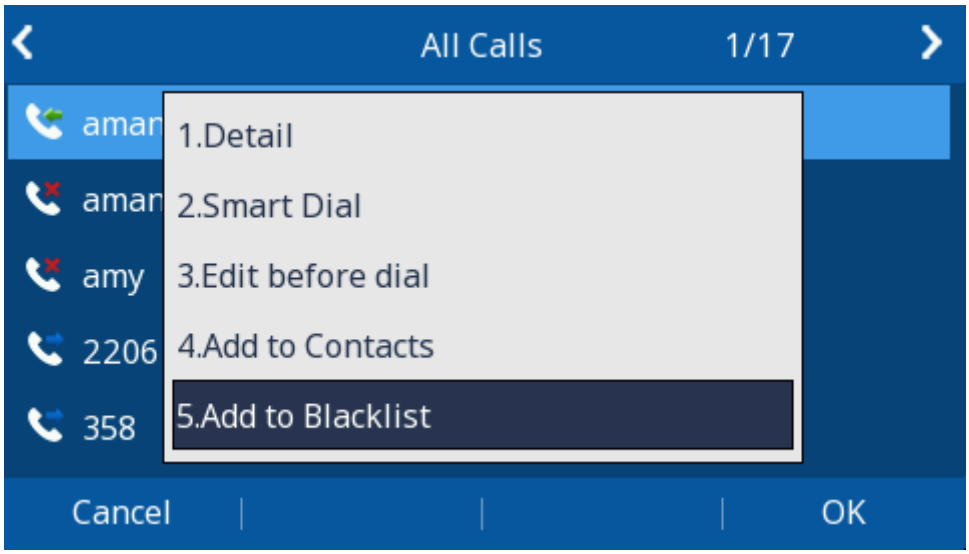
1. Press History soft key or press Menu → History → Local History

2. Press and to select the targeted one. (Press and switched among the All Calls, Missed Calls, Received Calls, Dialed Calls and Forwarded Calls).

3. Press Option soft key→ Add to Blacklist

4. Edit the necessary information as Name, Phone number…

5. Press Save soft key or to add successfully.



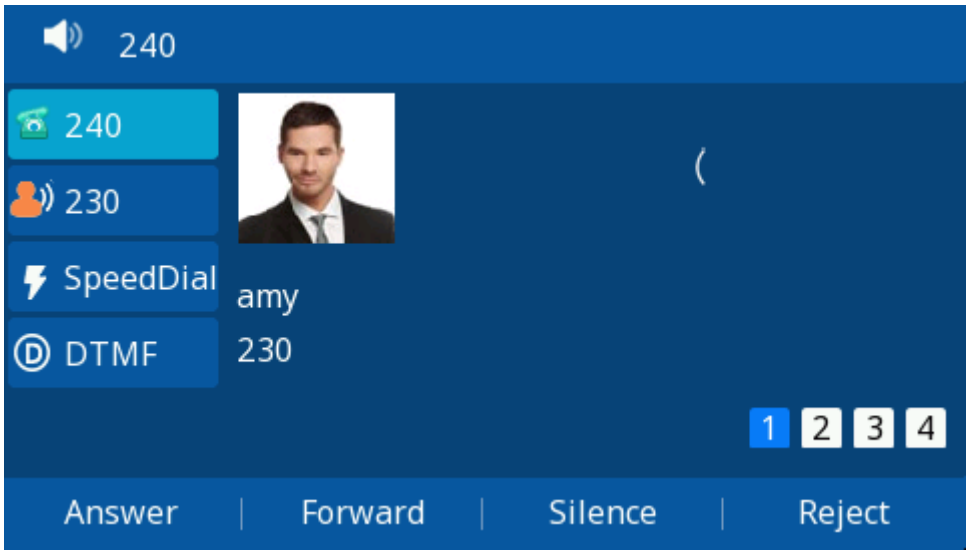
Upload Contacts photo via Web interface:

1. Click Directory and select the desired contact.

2. Click Choose file to select the photo for the contact

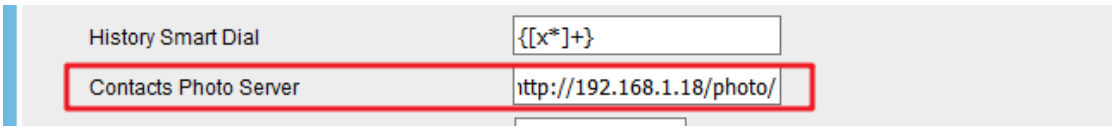
3. Click Upload Photo to upload the photo.

When you place a call from the contact, the phone idle screen will show the contact photo.



Contacts photo server

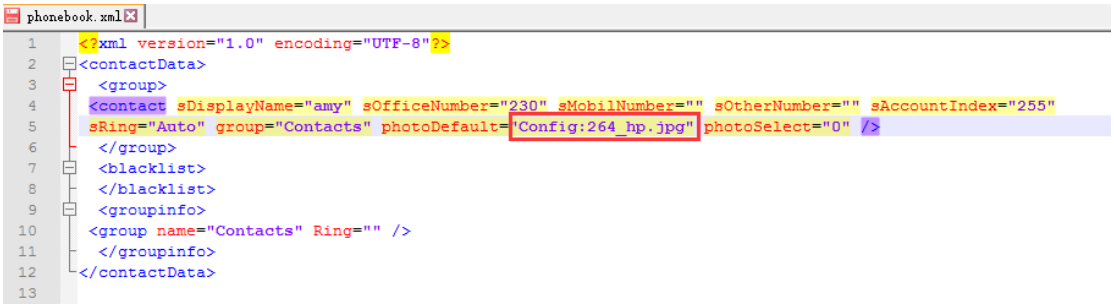
The contact photo server allows you to configure the contact's photo by modifying the xml file instead of uploading it on a web page.



First fill in the server path (e.g. http://192.168.1.18/photo/) .

Then, fill in the file name in the quotes for the field photoDefault = "", (e.g. photoDefault="Config:264_hp.jpg").

Finally, import the xml file to the phone.



You can get the xml file through the export function.

Note:

The format of the photo supported is jpg or bmp

Photo size should be less than 2MB, name length should be less than 48 characters.

To import or export the contact list

You can manage your phone's local directory via phone or web user interface. But you can only import or export the contact list via Web interface.

To import an XML file of contact list via Web interface:

1. Click on Directory → Directory

2. Click Choose file to select a contact list file (file format must be .xml) from your local system.

3. Click Import XML to import the contact list.

To export an XML file of contact list via Web interface:

1. Click on Directory → Directory

2. Click Export XML to import the contact list.

To import a CSV file of contact list via Web interface:

1. Click on Directory → Directory

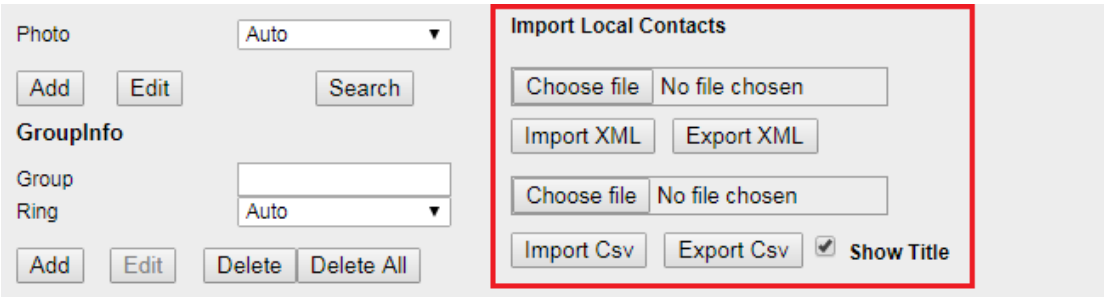
2. Click Choose file to select a contact list file (file format must be .csv) from your local system.

3. Click Import Csv to import the contact list.

To export a CSV file of contact list via Web interface:

1. Click on Directory → Directory

2. Click Export Csv to import the contact list.



Note:

If the xml file and CSV file more than 1000 contacts, the phone will only upload 1000 contacts.

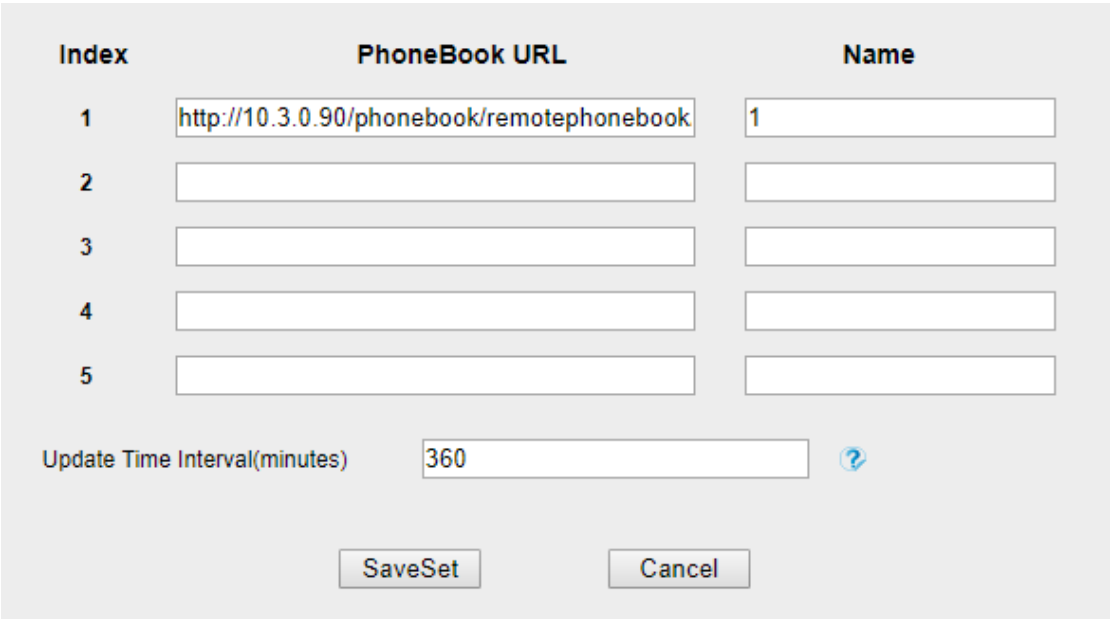
Remote Phonebook

To set Remote Phonebook via Web interface:

1. Login the webpage and click Directory→ Remote Phone Book

2. Fill the path of the remote file in the Phone Book URL field. For example, http://10.3.0.90/phonebook/remotephonebook/phonebook1.xml

3. Fill the Name and then click SaveSet to save the configuration.



To check the contacts via Phone interface:

1. Press Directory→ Remote Contacts or Menu→ Directory→ Remote Contacts, and then you can see the item you set.

2. Select the item and press Update.

3. After updating completely, press Enter and you will find the detail.

For More detail, please refer to: Remote Phonebook.

Note:

Every remote contact, only supports 1000 contacts.

LDAP Phonebook

When use the LDAP feature, you can get the LDAP Phonebook directly.

To configure LDAP via Web interface:

1. Login webpage and click Directory→ LDAP

2. Fill the LDAP Name Filter:

a) This parameter specifies the name attributes for LDAP searching. The “%” symbol in the filter stands for the entering string used as the prefix of the filter condition.

b) For example, (cn=%), when the name prefix of the cn of the contact record matches the search criteria, the record will be displayed on the IP PHONE LCD.

3. Fill LDAP Number Filter: This parameter specifies the number attributes for LDAP searching.

4. Fill Server Address: Fill the domain name or IP address of the LDAP Server. For example: 192.168.0.107

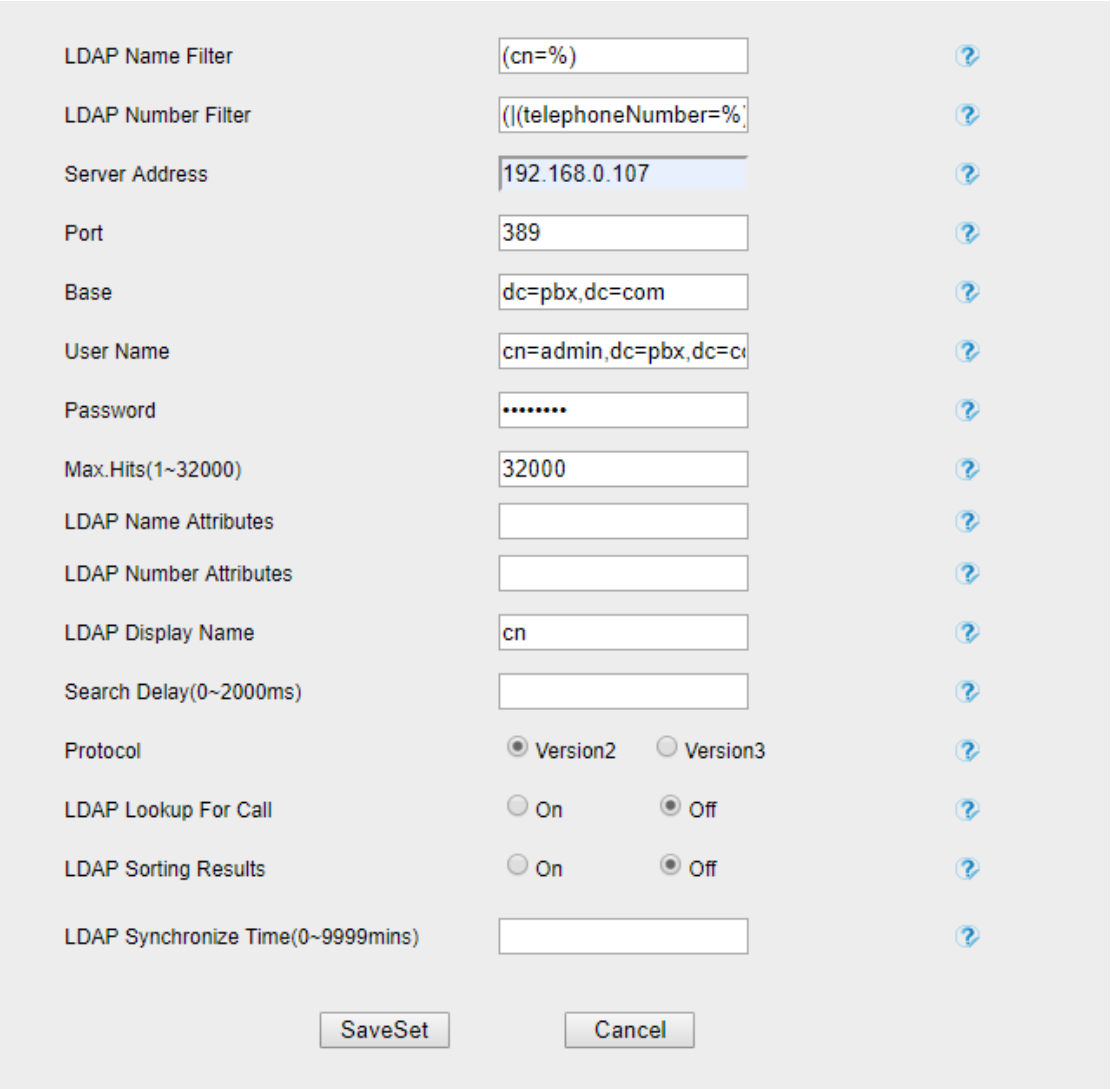
5. Port (the port of the LDAP Serve) Base, User Name, Password

6. Max.Hits(1-32000): the maximum number of the search results to be returned by the LDAP server.

7. LDAP Display Name: the display name of the contact record displayed on the LCD screen.

8. Filled the relative value and then click SaveSet to save the settings.

Following is the example screenshot for the configuration.



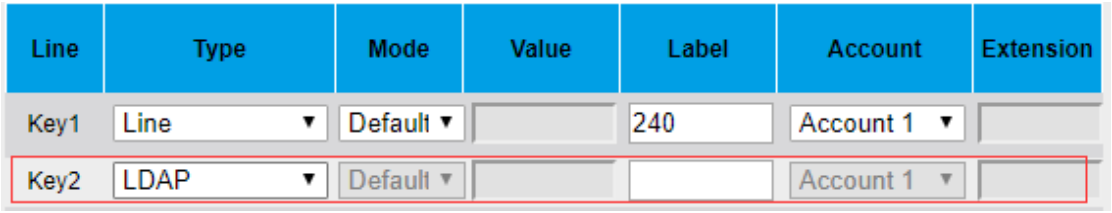
To Configure LDAP Key

To configure LDAP Key via Web interface:

1. Click Function Key→ Line Key→ choose Line Key 2(for example)

2. Select LDAP in the Type field.

3. Click SaveSet to save the configuration.



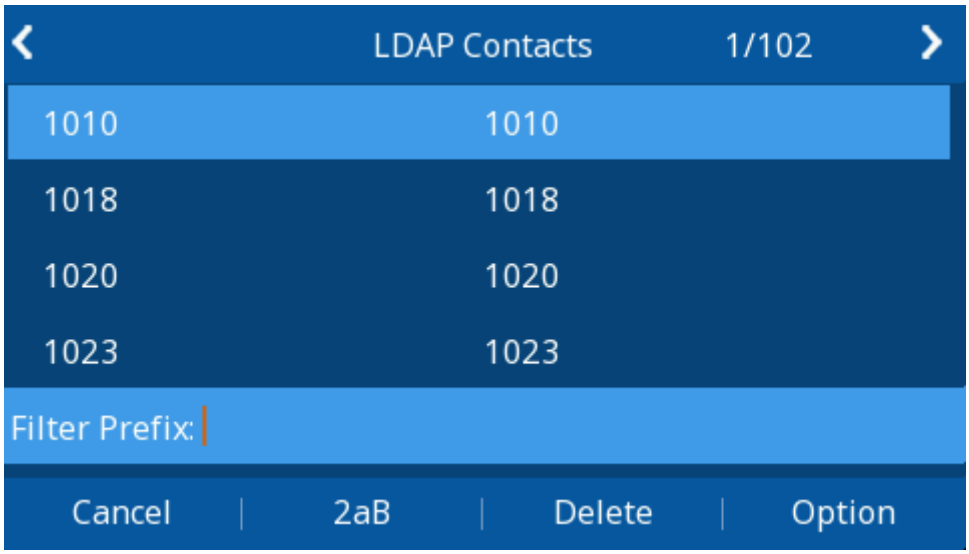
To Configure LDAP Key via Phone interface:

1. Press Menu→ Features→ Function Keys→ Line Keys as Function Keys→ Line Key 2

2. Select LDAP in the Type field

3. Press Save or key to save the configuration.

When press the LDAP Key the LCD will display as following:



For More detail, please refer to LDAP

Search Contact

You can search contact in all contacts, local contacts, remote contacts and LDAP contact.

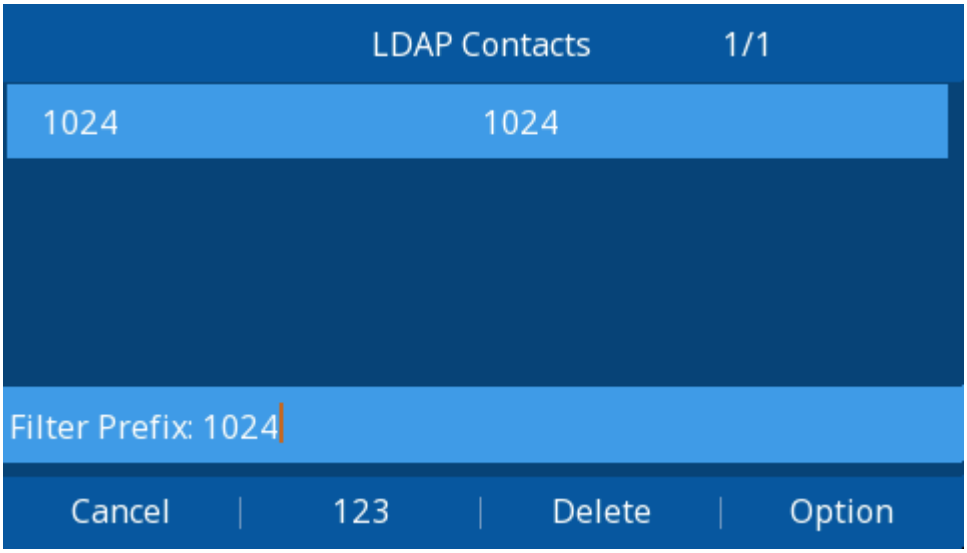
To search contact in all contacts:

1. Click the Directory soft key on Idle interface.

2. Click the More soft key, then you can see the Search soft key

3. Click the Search soft key, you can enter the desired part of name or part of number.

4. With the search content to match the contact will be automatically displayed on the LCD within 5 seconds.



To search contact in Local contacts:

1. Click the Directory soft key on Idle interface.

2. Click the button and select the Local contacts list.

3. Click the More soft key, then you can see the Search soft key

4. Click the Search soft key, you can enter the desired part of name or part of number.

5. With the search content to match the contact will be automatically displayed on the LCD within 5 seconds.

To search contact in Remote contacts:

1. Click the Directory soft key on Idle interface.

2. Click the button and select the remote contacts list.

3. Select the desired remote contact and click Enter soft key.

4. Click the Search soft key, you can enter the desired part of name or part of number.

5. With the search content to match the contact will be automatically displayed on the LCD

within 5 seconds.

To search contact in LDAP contacts:

1. Click the LDAP function key.

2. Click the button and select the LDAP Contacts list.

3. Enter the first character or more of contact's name or number.

4. With the search content to match the contact will be automatically displayed on the LCD within 5 seconds.

Call History Setting

Call History

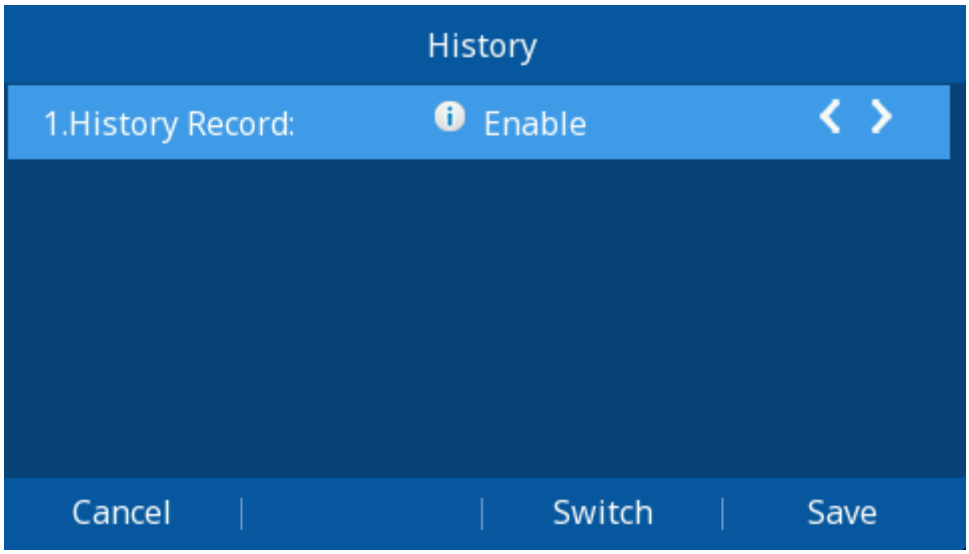
This phone maintains call history lists of Dialed Calls, Received Calls, Missed Calls and Forwarded Calls. The call history list supports up to100 entries in all on phone interface and more than 1500 items. You can check the call history, dial a call, add a contact or delete an entry from the call history list. You should enable the history record feature in advance.

To enable the history record feature via Phone interface:

1. Press Menu→ Features→ History Setting

2. Press and or Switch soft key to enable History record.

3. Press Save soft key to save the configuration.



To check the call history via Phone interface:

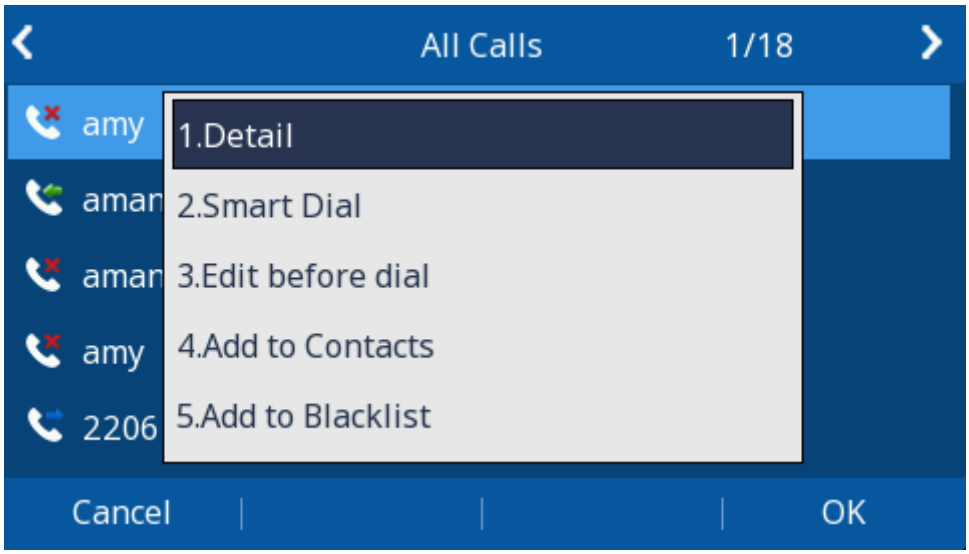
1. Press the History soft key. The LCD screen displays All Calls list.

2. Press Right or Left Key to switch among All Calls, Missed Calls, Received Calls, Dialed Calls and Forwarded Calls.

3. Press to select the desired entry.

4. Press the Option soft key, and then select Detail from the prompt list.

5. The detailed information of the entry appears on the LCD screen.



To Dial a call from Call History via Phone interface:

1. Press the History soft key.

2. Press or to switch among All Calls, Missed Calls, Received Calls, Dialed Calls and Forwarded Calls.

3. Press or to select the desired entry.

4. Press the Dial soft key or .

To delete an entry from the call history list via Phone interface:

1. Press the History soft key.

2. Press or to switch among All Calls, Missed Calls, Received Calls, Dialed Calls and Forwarded Calls.

3. Press or to select the desired entry.

4. Press the Delete soft key.

To delete all entries from the call history list via Phone interface:

1. Press the History soft key.

2. Press or to switch among All Calls, Missed Calls, Received Calls, Dialed Calls and Forwarded Calls.

3. Press the Option soft key, and then select Delete All from the prompt list.

4. Press the OK soft key to confirm the deleting or the Cancel soft key to cancel.

To check the call history via Web interface:

1. Click Directory→ Call History

2. Click Dialed List, Missed List, Received List, or Forwarded List, then you can see the history list.

Dialed List | Missed List | Received List | Forwarded List

Index	Date	Time	Local Identity	Name	Tel Number
1	18-07-2019	21:08:52		113	113
2	18-07-2019	21:08:49		112	112
3	18-07-2019	21:08:43		308	308
4	18-07-2019	21:08:31		306	306
5	18-07-2019	21:08:24		amy	230
6	18-07-2019	21:08:08		amy	230
7	18-07-2019	19:58:08		2206	2206
8	18-07-2019	19:58:04		358	358
9	18-07-2019	19:57:45		356	356
10	18-07-2019	19:57:41		355	355
11	18-07-2019	19:57:38		354	354
12	18-07-2019	19:57:34		*80353	*80353
13	18-07-2019	19:57:26		252	252
14	18-07-2019	02:45:02		230	230
15	18-07-2019	02:17:56		*97	*97

To Dial a call from Call History via Web interface:

1. Click Directory→ Call History

2. Select the desired history item, and click Tel Number.

3. Then the call is dialed on phone.

Dialed List | Missed List | Received List | Forwarded List

Index	Date	Time	Local Identity	Name	Tel Number
1	18-07-2019	21:08:52		113	113
2	18-07-2019	21:08:49		112	112
3	18-07-2019	21:08:43		308	308
4	18-07-2019	21:08:31		306	306
5	18-07-2019	21:08:24		amy	230
6	18-07-2019	21:08:08		amy	230
7	18-07-2019	19:58:08		2206	2206
8	18-07-2019	19:58:04		358	358
9	18-07-2019	19:57:45		356	356
10	18-07-2019	19:57:41		355	355
11	18-07-2019	19:57:38		354	354
12	18-07-2019	19:57:34		*80353	*80353
13	18-07-2019	19:57:26		252	252
14	18-07-2019	02:45:02		230	230
15	18-07-2019	02:17:56		*97	*97

To Dial a call from Call History via Phone interface:

1. Press History soft key or press Menu → History → Local History

2. Press and to select the targeted one.

3. Press the Send soft key, , or , or the corresponding line key.

Audio Setting

Ring Tone

You can adjust the type and volume of the ring tone.

To adjust the Ring Tone Type via Phone interface:

1. Press Menu → Settings → Basic Settings → Ring Tone.

2. Press and to select the aimed one.

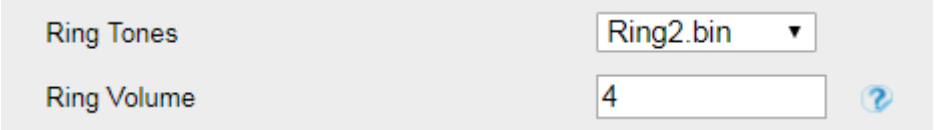
3. Press or Save soft key to save the configuration.

To adjust the Ring Tone Type via Web interface

1. Setting → Preference → Ring Tone

2. Select the wanted one

3. Click SaveSet to save the configuration.



To configure Distinctive Ring Tone via Phone interface

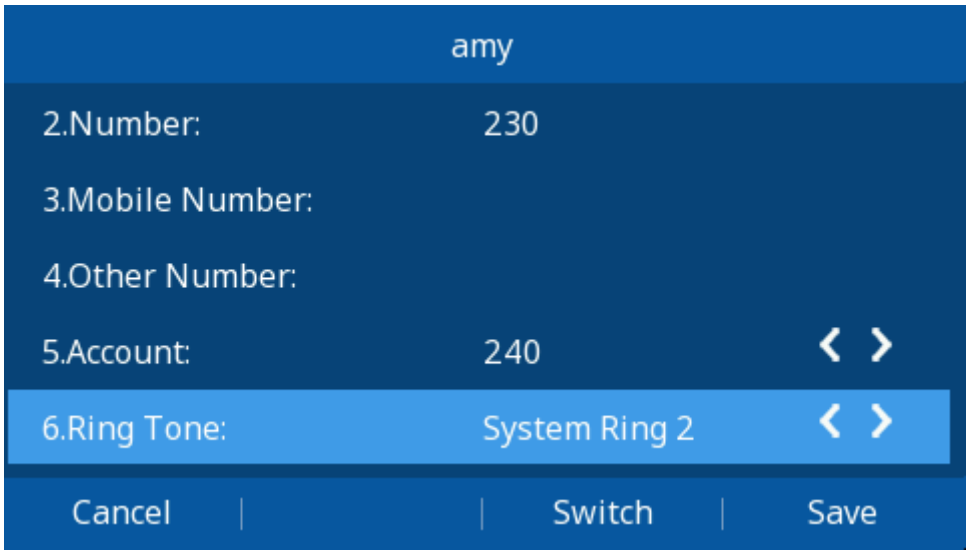
1. Press Directory

2. Select the target contact

3. Press Detail soft key to edit the contact.

4. Press and to select the wanted Ring Tone for the contact

5. Press Save soft key to save the contact.

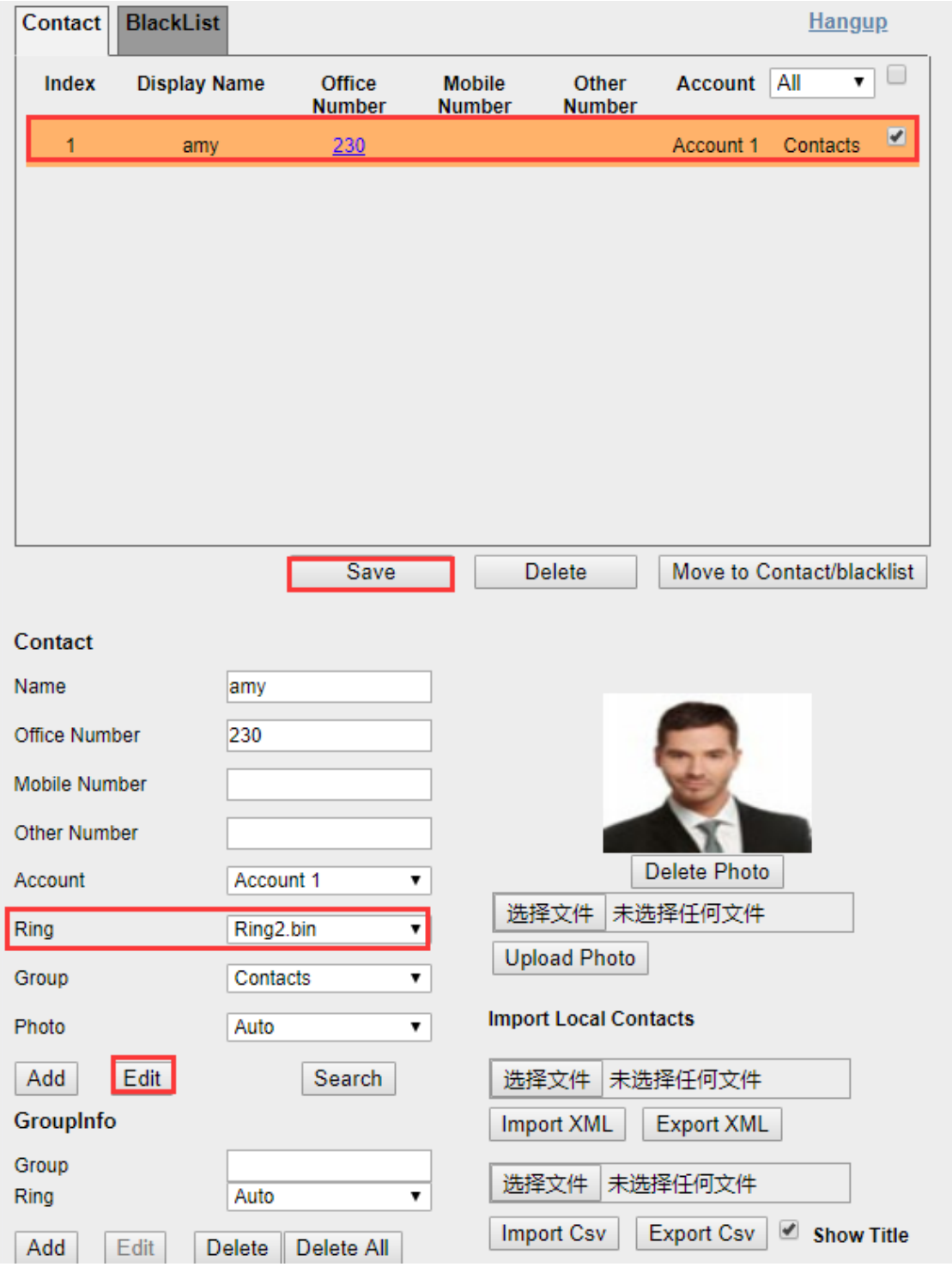


To configure Distinctive Ring Tone via Web interface

1. Directory → Directory → Contact

2. Choose the Ring Tone you want to use.

3. Click Edit → Save to save the configuration.



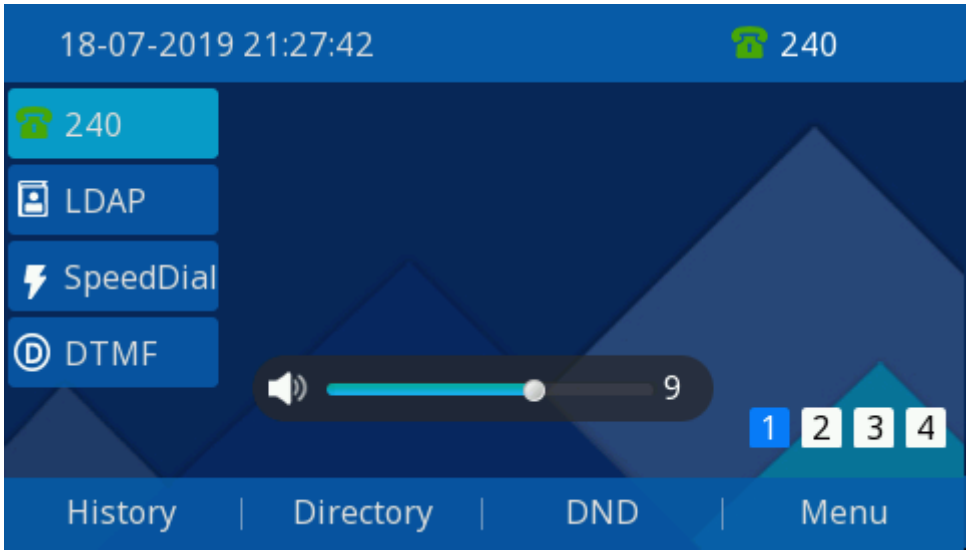
Click Ring Tones for more information.

Volume

You can adjust the volume for the phone by the volume keys: and .

To adjust the Ring tone volume via Phone interface:

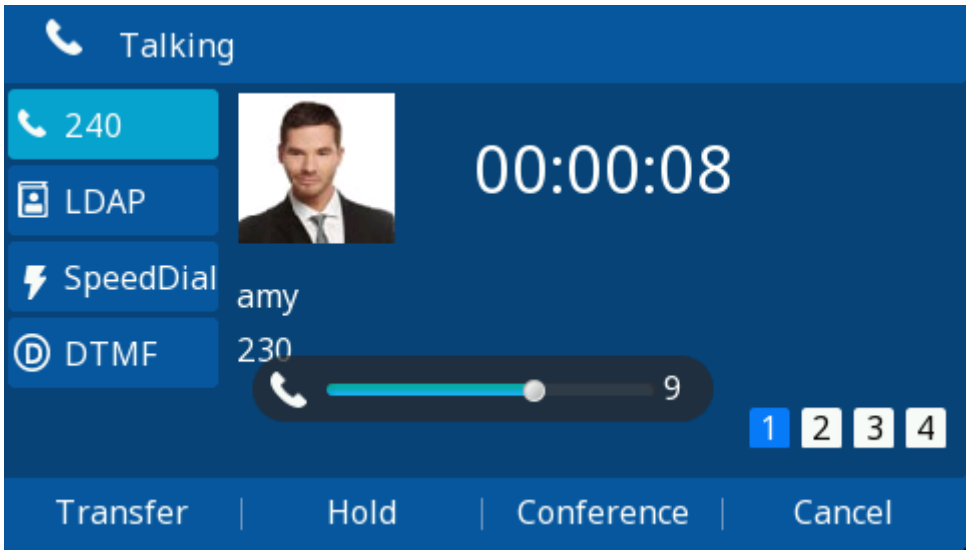
1. Option 1: To press [−] and [+] on the idle page



2. Option 2: To press [−] and [+] during the call is ringing.

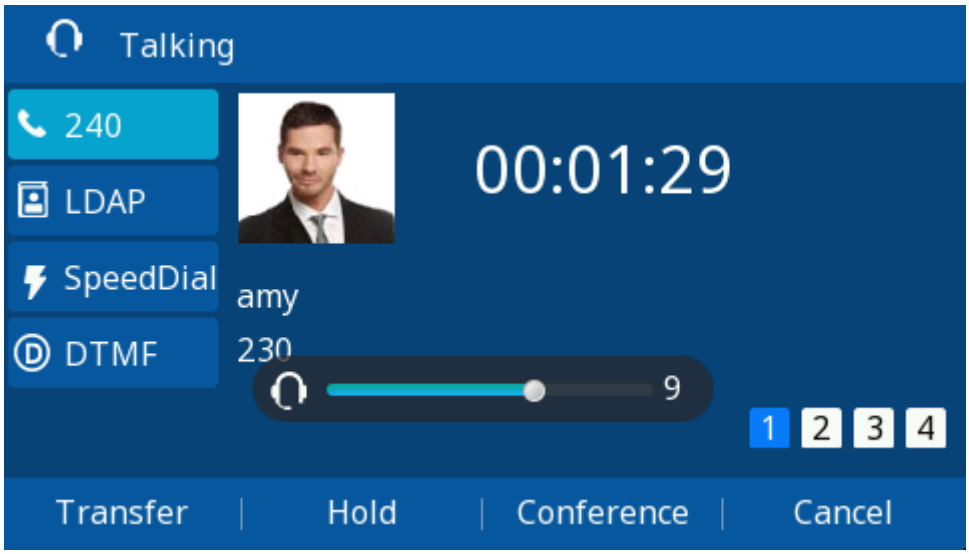
To adjust the handset volume via Phone interface:

To press [−] and [+] during a call in handset mode.



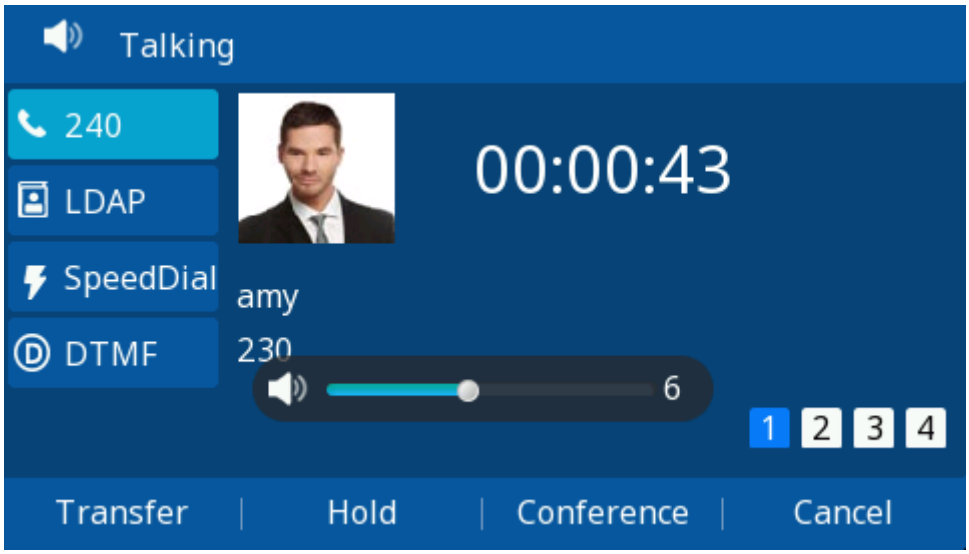
To adjust the headset volume via Phone interface:

To press [−] and [+] during a call in headset mode.



To adjust the speaker Volume via Phone interface:

To press and during a call in speaker mode.



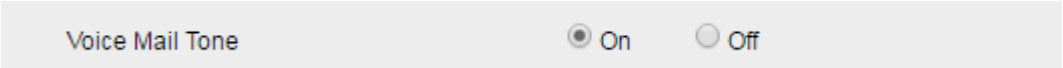
Voice Mail Tone

This option can set whether to play the beep for phone's voice mail

1. Click the Setting → Preference

2. Select On or Off for Voice Mail Tone.

3. Click SaveSet for the setting.



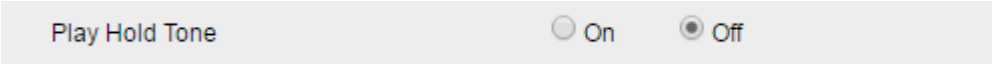
Play Hold Tone

When you hold the phone, Whether to play hold tone

1. Click the Setting → Preference

2. Set On or Off for Play Hold Tone.

3. Click SaveSet for the setting.



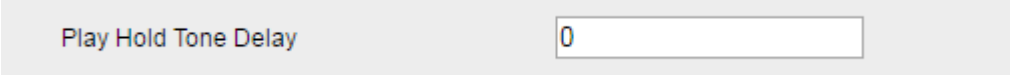
Play Hold Tone Delay

When you hold the phone. How many seconds to play beep?

1. Click the Setting → Preference

2. Set the value for Play Hold Tone Delay.

3. Click SaveSet for the setting.



System Settings

Dial Plan

Dial plan is a string of characters that governs the way this phone processes the inputs received from your phone keypad. This phone supports dial plan with following accept digits:

1,2,3,4,5,6,7,8,9,0, *, #

Grammar	Description

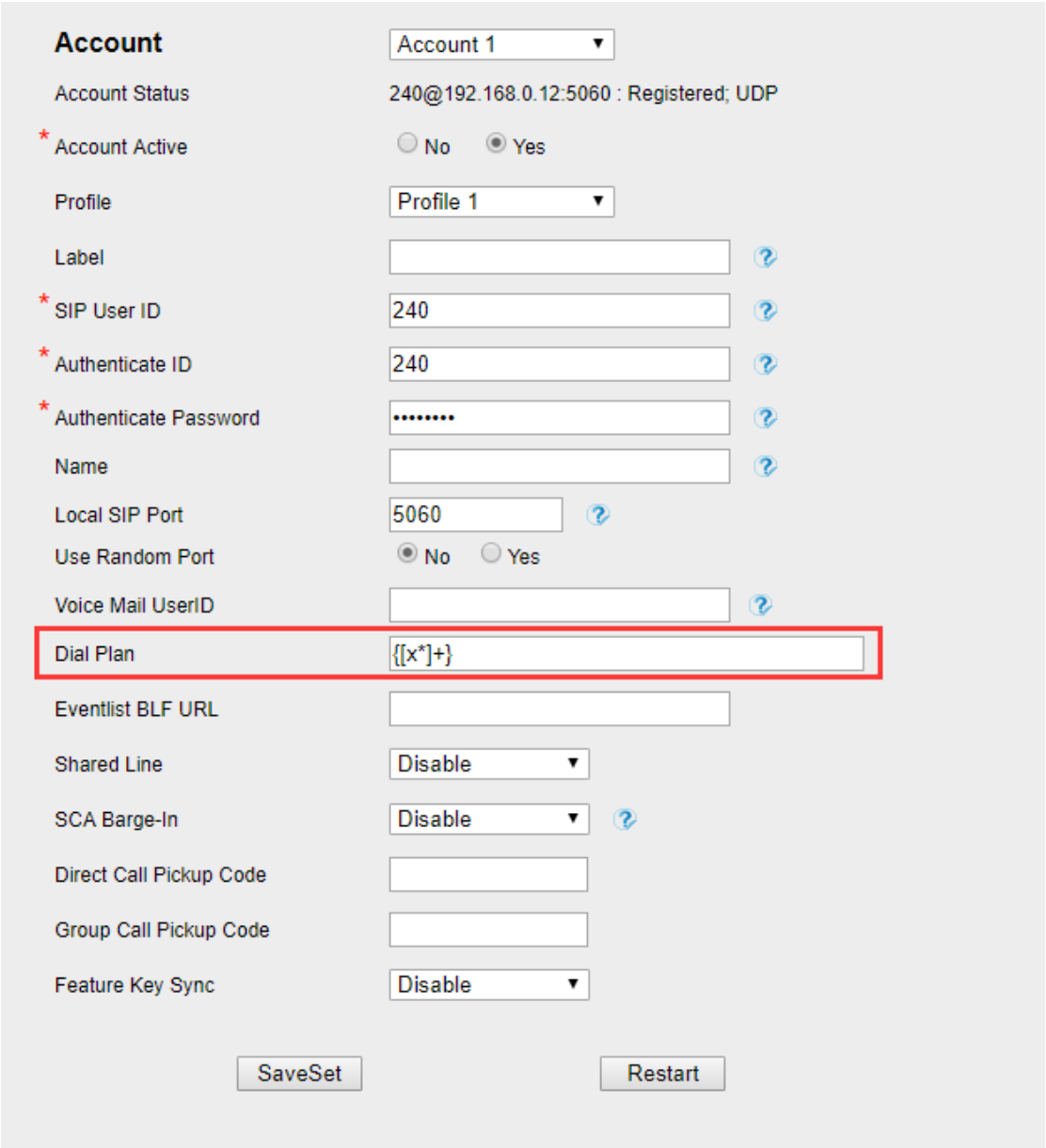
x	any digit from 0-9;
xx+	at least 2-digit number;
^	exclude;
,	hear dial tone;
[3-5]	any digit of 3, 4, or 5;
[147]	any digit 1, 4, or 7;
<2=011>	replace digit 2 with 011 when dialing.

To configure dial plan via Web interface:

1. Click Account—Advanced—Dial Plan.

2. Filled the value in dial plan field.

3. Click SaveSet to save the configuration.



Note:

Illegal input will fall back to default: {[x*]+}. For More, please refer to [Dial Plan](#).

Dial-Now Timeout

Dial-Now Timeout means that when you enter the number which is matching with dial plan, it will dial out automatically after some time when you stop entering the number.

To configure Dial-Now Timeout via Web interface:

1. Click Webpage Setting → Preference

2. Fill the blank of Dial-Now Timeout: for example, 5(seconds). (0 means dial out immediately).

3. Click the SaveSet button to save the configuration

No Key Entry Timeout

No Key Entry Timeout means that when you enter the number, it will dial out automatically after some time when you stop enter the number.

To configure No Key Entry Timeout via Web interface:

1. Click Webpage Setting → Preference

2. Fill the blank of No Key Entry Timeout: for example, 5(seconds). (0 means never timeout), you should press the send key the dial out the number.

3. Click the SaveSet button to save the configuration.

Emergency Call

Public telephone networks in countries around the world have a single emergency telephone number (emergency services number), that allows a caller to contact local emergency services for assistance when required. The emergency telephone number may differ from country to country. It is typically a three-digit number that can be easily remembered and dialed quickly. Some countries have a different emergency number for each of the different emergency services.

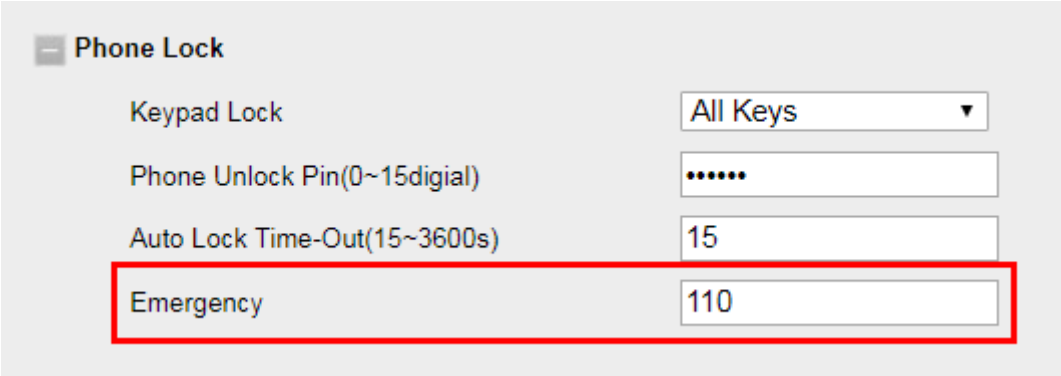
You can specify the emergency telephone numbers on the IP phone for contacting the emergency services in an emergency situation.

To configure emergency call via Web interface:

1. Click Setting→ Features→ Phone Lock

2. Enter the emergency services number (e.g.110,119,120) in the Emergency field,

3. Click SaveSet to save the configuration.



Label Scroll

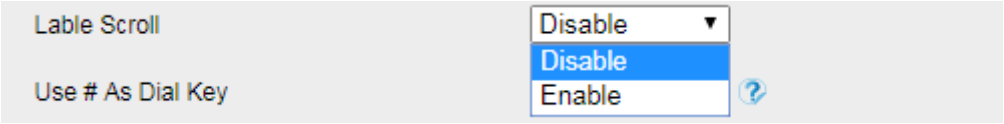
When setting function keys, you need to set the label of the function keys. If the words are too long to show on the label, you can use this function to make labels scroll. Another approach is to set the labels to long label mode.

To configure Label Scroll via Web interface:

1. Click the Setting → Preference

2. Select Enable or Disable for Label Scroll.

3. Click SaveSet for the setting.



Show Missed Calls

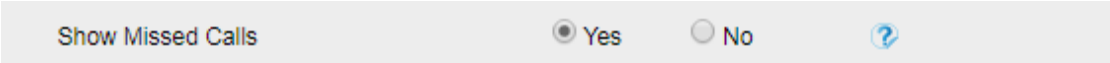
Whether to show missed call notification on LCD

To configure Show Missed Calls via Web interface:

1. Click the Setting → Preference

2. Select Yes or No for Show Missed Calls.

3. Click SaveSet for the setting.



Auto Logout Time

Set the Web login timeout

1. Click the Setting → Preference

2. Set number 1~5000 min for Auto Logout Time.

3. Click SaveSet for the setting.

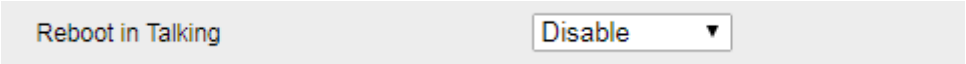
Reboot in Talking

This function is to allow reboot during the calls or not

1. Click the Setting → Preference

2. Set Enable or Disable for Reboot in Talking.

3. Click SaveSet for the setting.



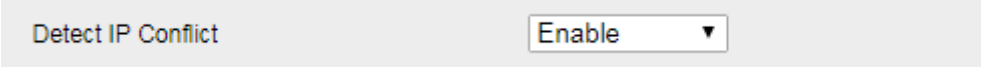
Detect IP Conflict

LCD can display message when IP conflict

1. Click the Setting → Preference

2. Set Enable or Disable for Detect IP Conflict.

3. Click SaveSet for the setting.



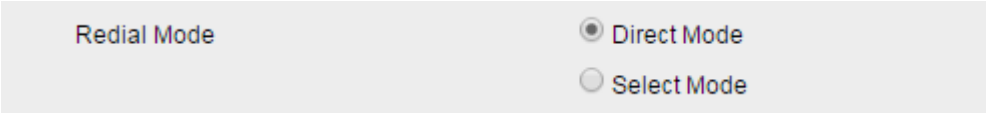
Redial Mode

Call redial has two ways:(1) To redial the last placed call from the IP Phone (2) To redial the call from all calls list

1. Click the Setting → Preference

2. Set Direct Mode or Select Mode for Redial Mode.

3. Click SaveSet for the setting.



Keypad Lock

To enable Keypad Lock via Phone interface

1. Press Menu→ Settings→ Advanced Setting→ Phone Setting→ Lock

2. Press and key or Switch to change selected lock type: All Keys, Menu Key, Function Key, Lock & Answer

3. Press Save or key to save the configuration.

To disable Keypad Lock via Phone interface

1. Press Menu→ Settings→ Advanced Setting→ Phone Setting→ Lock

2. Press and key or Switch to change to choose Disable.

3. Press Save or key to save the configuration.

To enable Keypad Lock via Webpage

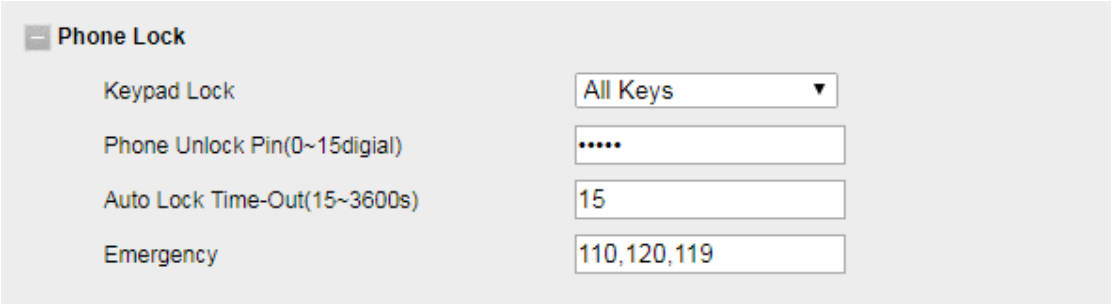
1. Click Webpage Setting → Features

2. To choose the Phone Lock.

3. To fill the Phone Unlock Pin and Auto Lock Time-Out

4. Fill the Emergence Number, when the phone is Lock, only Emergency Number can be sent.

5. To click SaveSet to save the configuration.



To Disable Keypad Lock via Webpage

1. Click Webpage Setting →Features

2. To choose Disable for the Phone Lock.

3. To click SaveSet to save the configuration.

Suppress DTMF Display

In order to ensure safety in Call process, you can choose whether to hide DTMF

1. Click the Setting → Preference

2. Select On or Off for Suppress DTMF Display.

3. Click SaveSet for the setting.

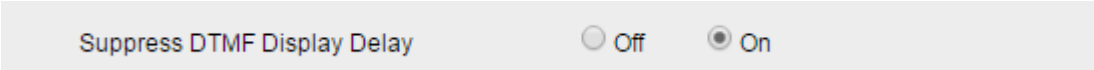
Suppress DTMF Display Delay

In order to ensure safety in Call process, you can choose whether to hide DTMF

1. Click the Setting → Preference

2. Select On or Off for Suppress DTMF Display Delay.

3. Click SaveSet for the setting.



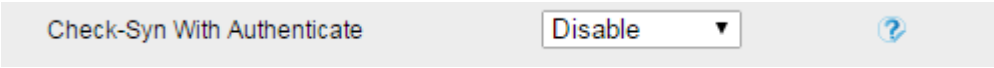
Check-Syn With Authenticate

If this option is enabled, the server needs to be authenticated before the phone agrees to synchronize.

1. Click the Setting → Preference

2. Set Enable or Disable for Check-Syn With Authenticate.

3. Click SaveSet for the setting.



Other features settings

Action URL

To configure action URL via Web interface:

1. Click Setting→ Action URL

2. Fill the needed values in the designated blank spaces.

3. Click SaveSet to save the setting.

Click Action URL for more how to use.

Setup Completed	
Log On	
Log Off	
Register Failed	
Off Hook	
On Hook	
Incoming Call	
Outgoing Call	
Call Established	
Call Terminated	
Open DND	
Close DND	
Open Always Forward	
Close Always Forward	
Open Busy Forward	
Close Busy Forward	
Open No Busy Forward	
Close No Busy Forward	
Transfer Call	
Blind Trandfer call	
Attended Transfer Call	
Hold	
Unhold	
Mute	
Unmute	
Missed Call	
Idle To Busy	
Busy To Idle	
Forward Incoming Call	
Reject Incoming Call	
Answer New Incoming Call	
Transfer Finished	
Transfer Failed	

SaveSet Cancel

Softkey Layout

This feature mainly defines which shown on the soft key in some status. For example, what the soft key displays when dialing, or talking.

To configure Soft key via Web interface:

1. Click Setting→ Softkey Layout

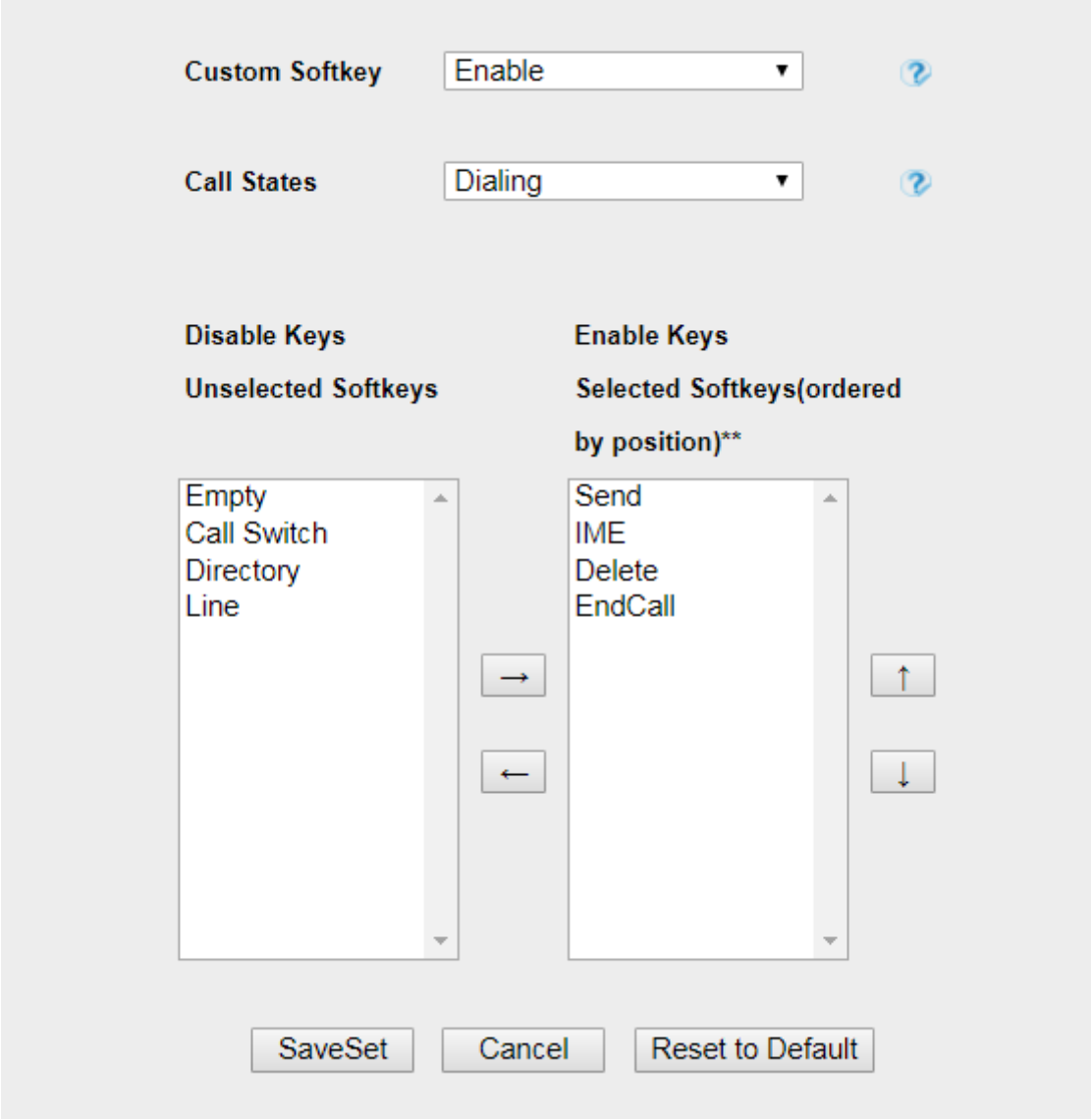
2. Select Enable for Custom Softkey

3. Select call States.

4. Select the feature from the Disable Keys to Enable Keys field by →. → moves the Disable key to Enable field. ← moves the Enable key, and it will back to Disable field.

5. Click ↑ or ↓ to change to position or each feature.

6. Click SaveSet to save the configuration.



Note:

When there more than 5 items in the Enable field, the last soft key will display More, and last two item will show in the next page soft key, you can check by press more.

Programmable Key

For the default keys as Soft keys, Navigation keys and so on, you can define them as some specific feature, and it works only on the idle page.

To configure Programmable Key via Web interface:

1. Click Function Keys→ Programmable Keys

2. Select the desired Key to set.

3. Click SaveSet to save the setting.

4. By clicking Reset To Default, all setting of the keys will be back to default.

Key	Type	Label	Account	Value
SoftKey1	History		Account 1	
SoftKey2	Directory		Menu View	
SoftKey3	DND		Account 1	
SoftKey4	Menu		Account 1	

Key	Type	Account	Value
Up	History	Account 1	
Down	Directory		
Left	Switch Account Up	Account 1	
Right	Switch Account Down	Account 1	
OK	Status	Account 1	
Cancel	N/A	Account 1	
MUTE	N/A	Account 1	
CONF	N/A	Account 1	
TRAN	Forward	Account 1	
HOLD	N/A	Account 1	
Speaker	Speaker	Account 1	
Headset	Headset	Account 1	
VM	VM	Account 1	
Volume Up	Volume Up	Account 1	
Volume Down	Volume Down	Account 1	

SaveSet Restart Reset To Default

Exp Key

It only works when there is expansion module connected with the phone.

Basic Call Features

Place a Call

There are three ways to dialing a call: Handset, Headset and Hands-free loud speaker.

To place a call by Handset

1. Pick up the handset and enter the necessary number.

2. Press or or press the Send soft key, then the call is sending.

To place a call by Headset:

1. Press the (light is Green),

2. Enter the desired number.

3. Press or , or press the Send soft key, then the call is sending.

Using headset to place and answer calls for all time:

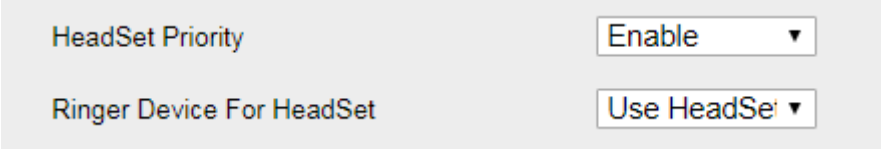
1. Login webpage, and click Setting→ Preference

2. HeadSet Priority→ Enable

3. Ring Device For HeadSet→ User HeadSet

4. Click SaveSet to save the setting.

5. Press .



To place a call by hands-free speakerphone:

1. Press the , or press the Line key, then you can hear the dial tone.

2. Press the number.

3. Press or or press the Send soft key, then the call is sending.

To place a call by call history or Directory via Phone interface:

1. Press the History / Directory→ All Contacts/ Local Contacts/ LDAP (On the idle page) or Menu→ History / Directory→ All Contacts/ Local Contacts/ LDAP

2. Press and to select the targeted one.

3. Press the Send soft key, or , or , or the corresponding line key, then the call is sending.

Note:

1. The key is set to be a send key. For more information, refer to the Key as Send on page

2. During the call, you can also change among Headset, Handset or Free-speaker mode.

Making two calls with one line and one account

1. Press a line key and dial the phone number, then make a call.

2. Press Hold soft key and then press New Call soft key.

3. Dial another phone number,

4. Press the Send soft key, or , then make the second call.

End a Call

Here shows to end a call during three modes:

To end a call by Handset

Press the End Call soft key or hang up the handset.

To end a call under Headset Mode

Press the End Call soft key or press .

To end a call under Hands-free speakerphone Mode

Press the End Call soft key or press .

Note:

During the conference, to end the call is same as mentioned above.

Redial a Call

To redial the last placed call from the IP Phone:

Press directly when LCD is on the idle interface.

Receive a Call

There are three ways to receive a call when the phone is ringing:

To receive a call by handset

Pick up the handset and now the conversation is built.

To receive a call by headset

Press and now the conversation is built.

To receive a call by hands-free speaker

1. Option 1: Press directly.

2. Option 2: Press Answer soft key.

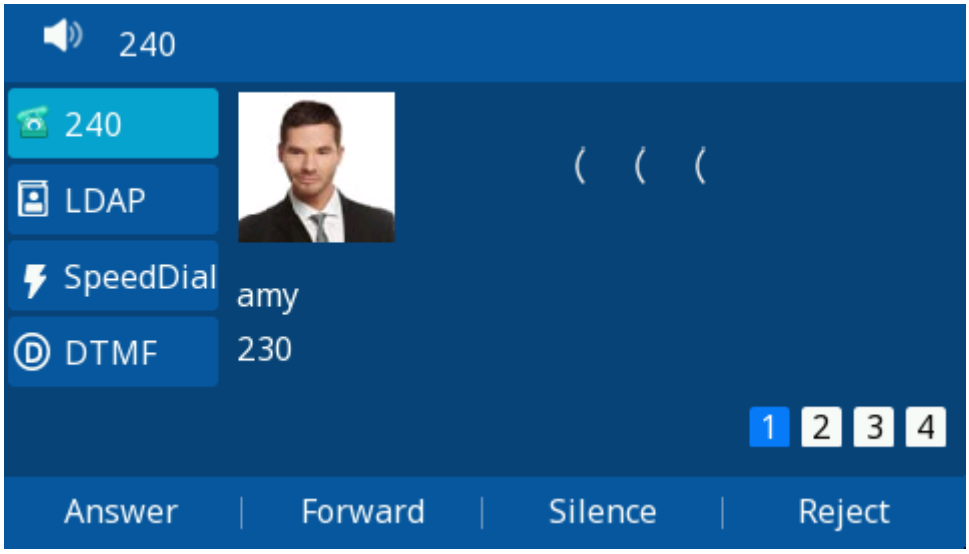
3. Option 3: Press the Line key (flashes red).

Moreover, some other action can be done by soft key when the call is coming.

1. To press the Reject soft key to reject the call.

2. To press Forward to forward to another phone.

3. To press Silence soft key, and then the call will keep silent, no ring tone display.



Incoming Call Show Mode

There are two incoming call show modes for this phone:

1. name and number of the contacts

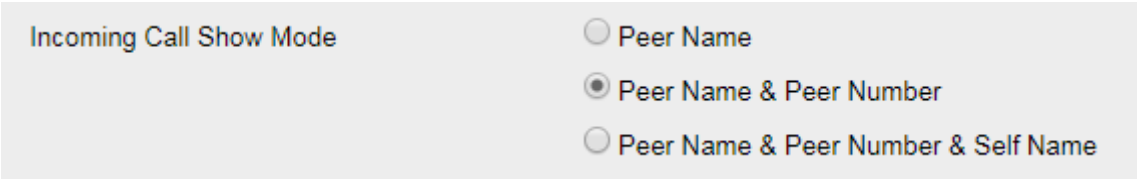
2. name and number of the incoming call and the account which is connecting

To set incoming call show mode via Web interface:

1. Click setting→ preference

2. Select the desire mode for the incoming call show mode

3. Click SaveSet to save the setting.



Auto Answer

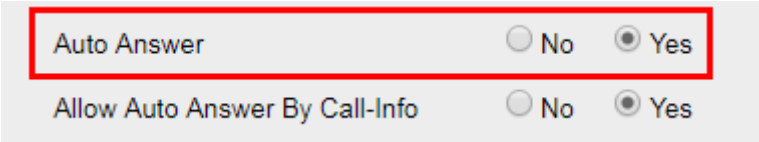
Enable auto answer feature, you will answer all incoming call automatically.

To enable Auto Answer via Web interface

1. To Click Profile → Advanced

2. To choose Yes for the Auto Answer.

3. To click SaveSet to save the configuration.



To Disable Auto Answer via Webpage

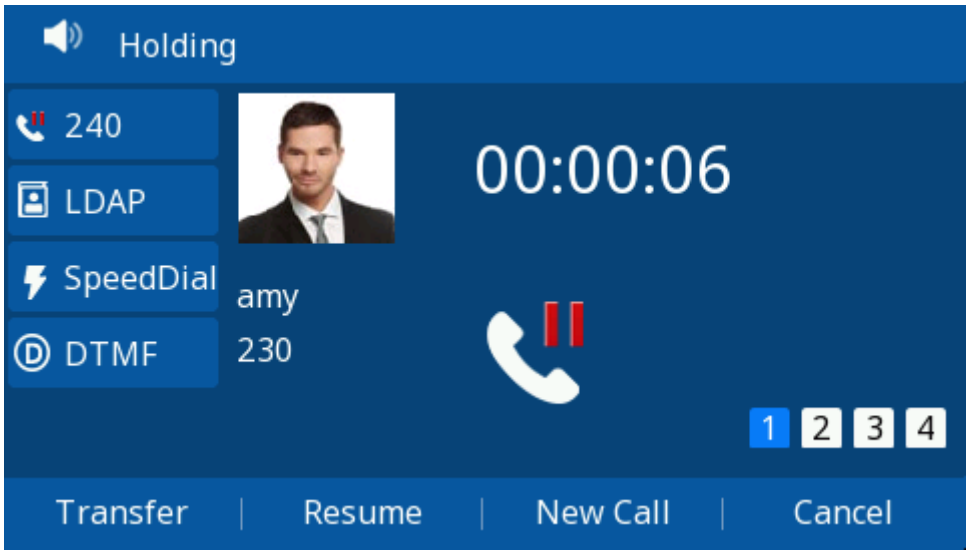
1. To Click Profile → Advanced

2. To choose No for the Auto Answer.

3. To click SaveSet to save the configuration.

Call Hold

When using the hold feature, the Hold icon will show on the display.



To make a call on hold during three modes:

To hold a call under handset mode:

1. Press Hold soft key or to hold the current call.

2. Press Resume soft key or to resume the call on hold.

To hold a call under headset mode:

1. Press Hold soft key or to hold the current call.

2. Press Resume soft key or to resume the call on hold.

To hold a call during the speaker mode:

1. Press Hold soft key or to hold the current call.

2. Press Resume soft key or to resume the call on hold.

Call Transfer

This phone supports blind, attended and Semi-Attended Transfer.

Blind Transfer

When you use this feature, you can transfer

1. Press or Transfer soft key during the conversation, the call is on hold now.

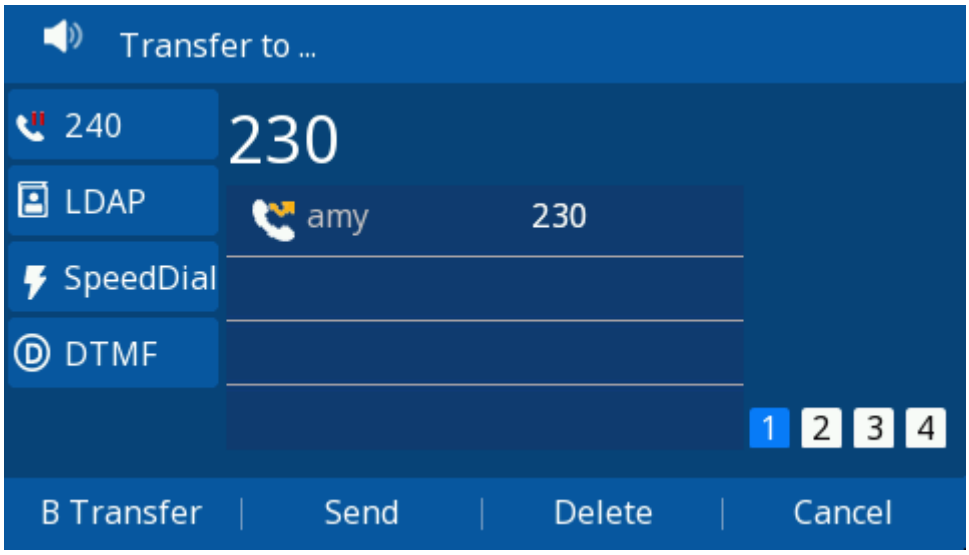
2. Enter the number that transfers to.

3. Press or Transfer soft key, and now the blind transfer completed.

Attended Transfer

When you use this feature, you can

1. Press or Transfer soft key during the conversation, the call is on hold now.



2. Enter the number that transfer to, and press the send soft key or or .

3. Start the second conversation, press or Transfer soft key, then, transfer completed.

NOTE:

To transfer calls across SIP domains, SIP service providers must support transfer across SIP domains. Blind transfer will usually use the primary account SIP profile.

Semi-Attended Transfer

1. Press or Transfer soft key during the conversation, the call is on hold now.

2. Enter the number transfer to, and then press or , then you can hear the ring tone.

3. Press or the Transfer soft key, and now the Semi-attended transfer completed.

BLF Transfer

1. Set a Programmable Key or line key is set as BLF. For how to set BLF, please refer to BLF

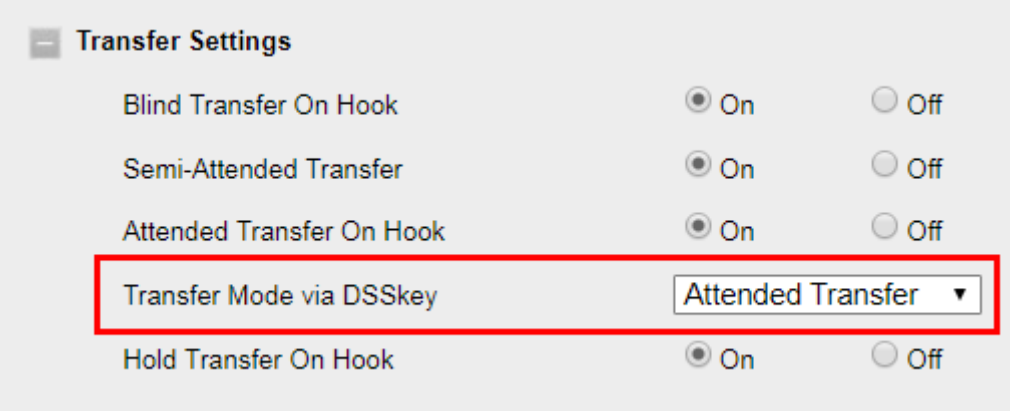
2. Press or Transfer soft key during the conversation, the call is on hold now.

3. Press BLF key then realize blind, attended and Semi-Attended Transfer.

Hold transfer on hook:

1. Setting → Features → Transfer Setting: Hold Transfer On Hook: ON.

2. A enables the Hold Transfer On Hook feature. During the conversation with B, A presses the Hold soft key and places a new call to C. A cancels the call after C answers, then C and B are in the same call and the transfer is successful.

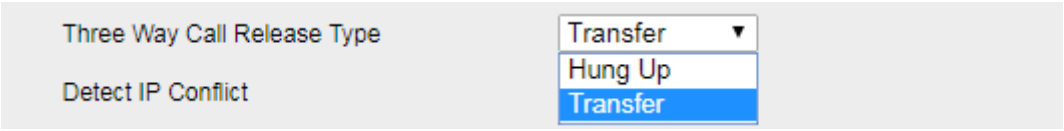


Hold transfer on Three Way conference:

1. Login webpage, and click Setting→ Preference→ Three Way Call Release Type: Transfer.

2. When acting as the initiator of the three-way conference, the IP Phone presses the End Call soft key or on-hook to exit the conference in the process of talking.

3. Then the other two IP Phones will continue to talk.



Transfer to New Call via Web interface

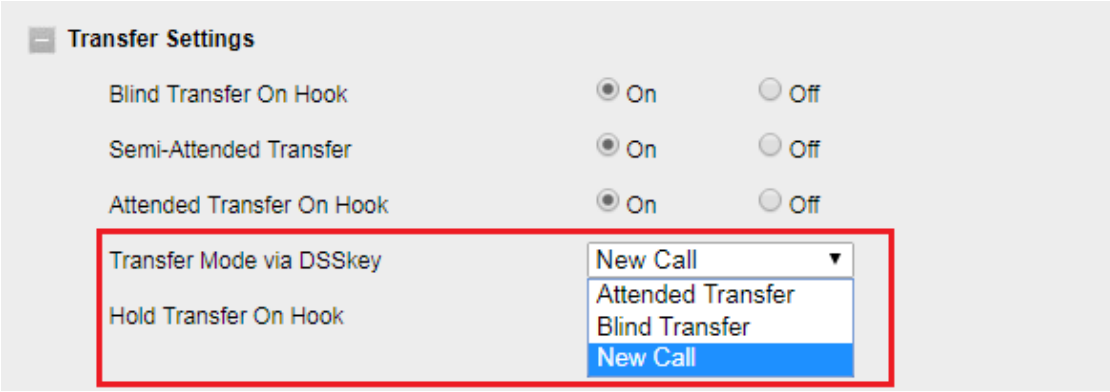
1. Click Setting→ Features

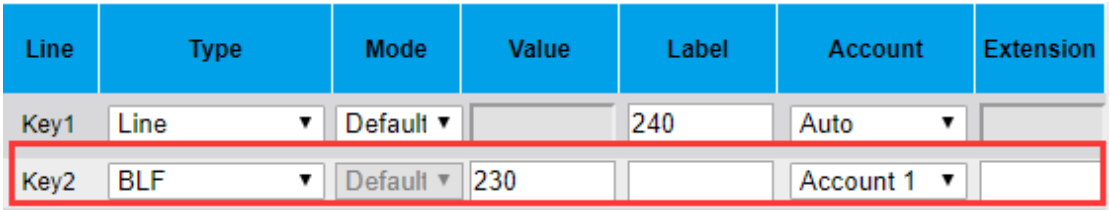
2. Select Transfer Mode via DSSkey: New Call

3. Click Function Keys→ Line Key

4. Select the desired Line Key and select BLF in the Type.

5. Enter the phone number in the Value field.





NOTE: if the person that wanted to be spoken to do not want to answer the call, then the person that answered the coming call could use this function.

Transfer Release Trigger

This option defines when the phone sends BYE to the server to release the transferred call. Login webpage, and click Profile→ Basic→ Transfer Release Trigger:

1. NOTIFY with 200OK

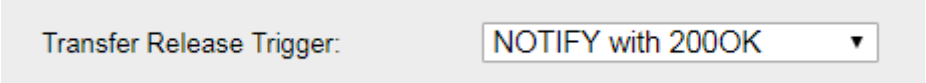
After receiving REFER request sended by the phone, server will send NOTIFY to the phone, and the phone response 200OK, this is the trigger for the phone to release the call.

2. 2xx response of REFER

The phone will not release the call until it receives a 2xx response from the server to the phone's REFER request.

3. BYE for the call

The phone will not release the call until receiving BYE from the server.



Call Conference

This IP Phone supports up to 5-way conference.

5-way conference

1. Assuming that call party **A** and **B** are in conversation. **A** wants to bring **C**, **D** and **E** in a conference

2. **A** press the Conference soft key, the call is placed on hold.

3. **A** enter the number of **C** and then press send soft key or .

4. **C** answering the call.

5. **A** press or the conference soft key, then **A**, **B** and **C** are now in a conference. (and now this is **3-way conference**)

6. **A** press the Conference soft key, the current 3-way conference is placed on hold.

7. **A** enter the number of **D** and then press send soft key or .

8. **D** answering the call.

9. **A** press or the conference soft key, then **A**, **B**, **C** and **D** are now in a conference. (and now this is **4-way conference**)

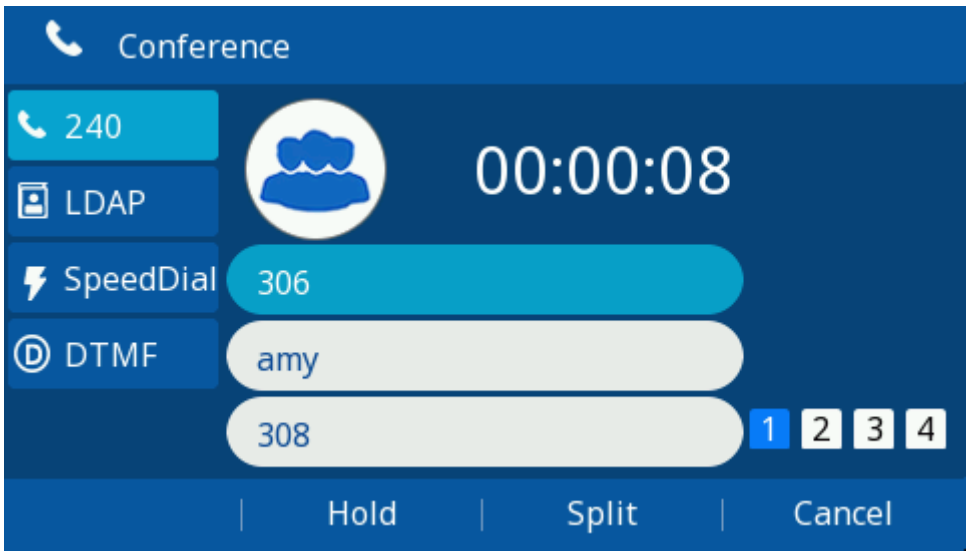
10. **A** press the Conference soft key, the call is placed on hold.

11. **A** enter the number of **E** and then press send soft key or .

12. **E** answering the call.

13. **A** press or the conference soft key, then **A**, **B**, **C**, **D** and **E** are now the **5-way conference** is built.

14. **A** end the call, the conference is finished.



Note:

1. If C does not answer the call, A can back to continue the conversation with B;

2. Once A hangs up the call, the conference is ended, while if B or C drops the call, A&C or A&B conversation continues.

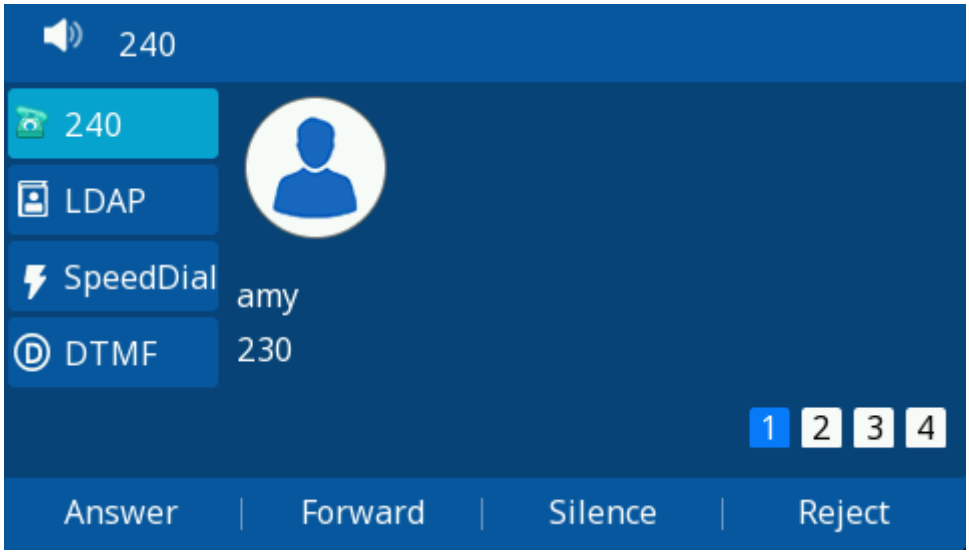
3. The conference feature is not available on all servers. For more information,

contact your system administrator.

4. To realize the 5-way conference, the line should be all available.

Call Forward

This phone supports static forward (always forward, busy forward and no answer forward) and dynamic forward



To configure static forward

To configure always forward

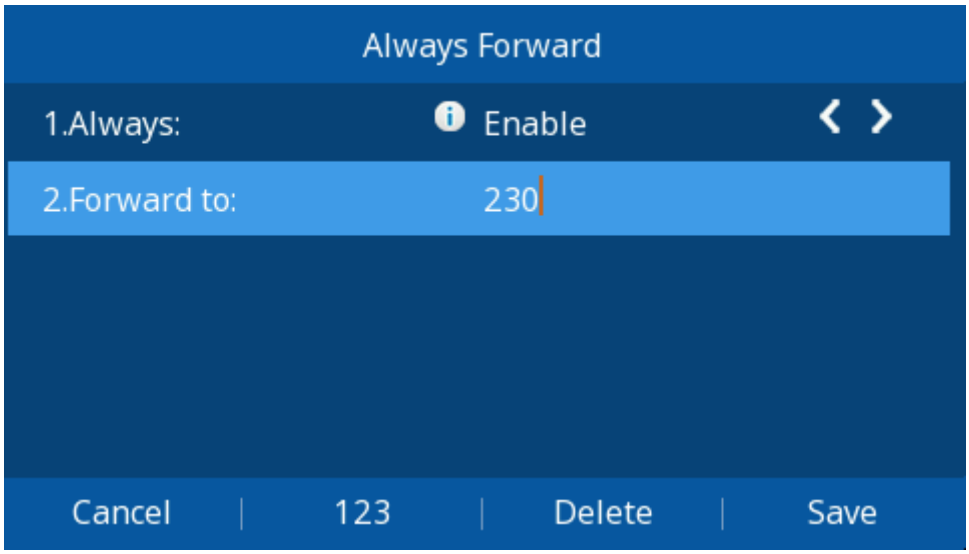
With this feature, all incoming calls will forward immediately to configured number.

1. Press Menu → Features → Call forward →Always Forward.

2. Press and to select the enable choice

3. Enter the Forward To number.

4. Press or Save soft key to save the configuration.



To configure busy forward

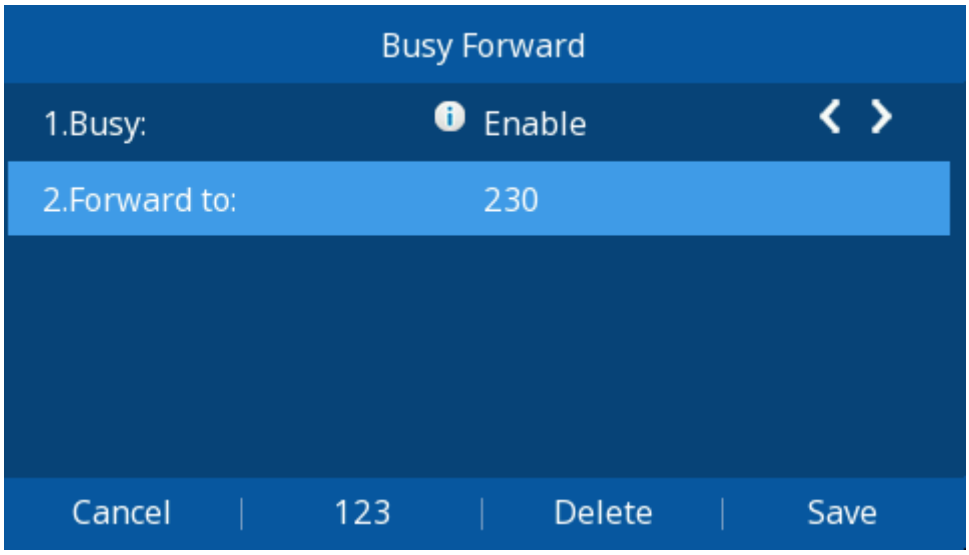
With this feature, the incoming calls are immediately forwarded if the phone is busy.

1. Press Menu →Features → Call forward →Busy forward.

2. Press and to select the enable choice.

3. Enter the Forward To number.

4. Press or Save soft key to save the configuration.



To configure no answer forward

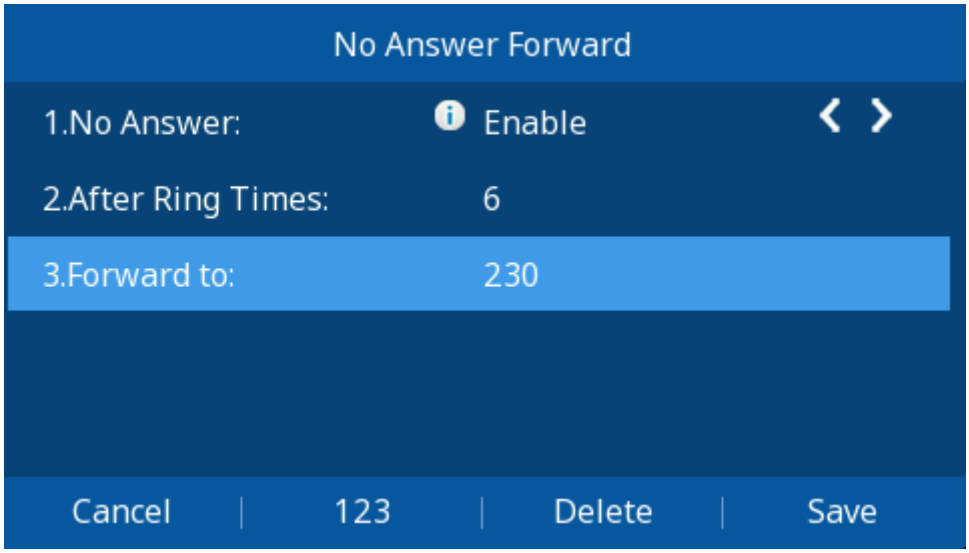
No Answer Forward: Incoming calls are forwarded if not answered after some time.

1. Press Menu →Features → Call forward →No answer forward.

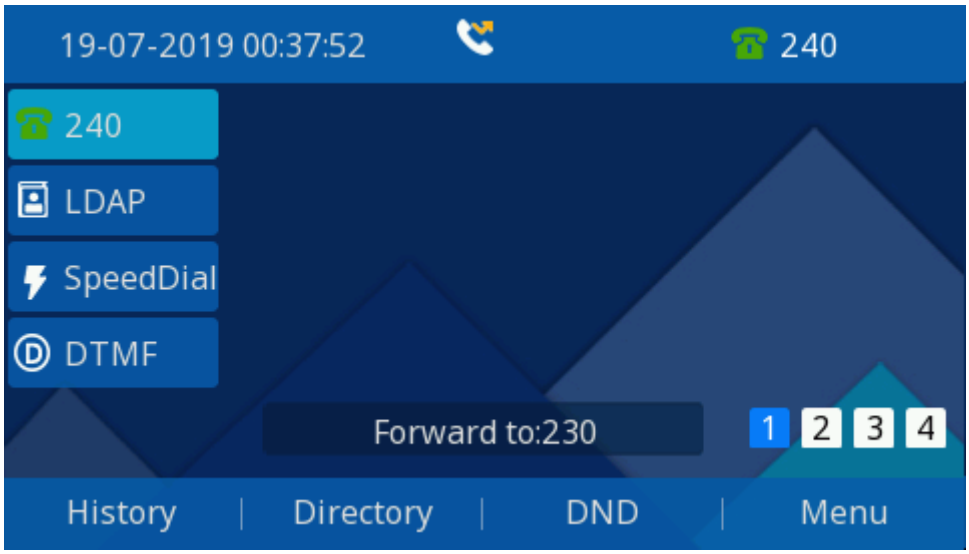
2. Press and to select the enable choice

3. Enter the Forward To number and After Ring Times.

4. Press or Save soft key to save the configuration.



When the Forward feature is enabled, the Icon will display on Top of the LCD.



To configure Forward via Web interface

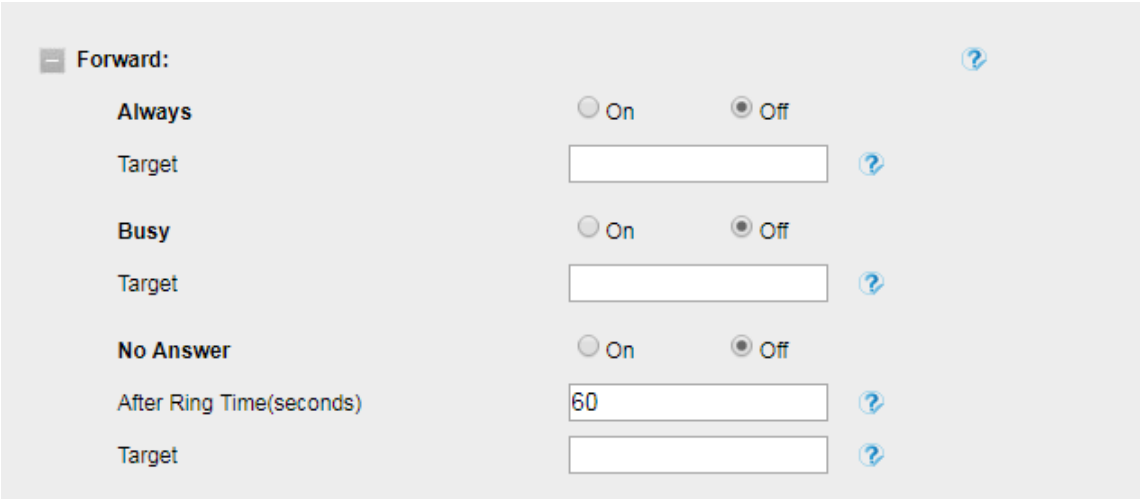
1. Setting → Features

2. Click On for the Always/Busy/No Answer

3. Fill the Target Number

4. Fill the After Ring Time

5. Click SaveSet to save the configuration



To cancel the forward feature via Phone interface

1. Option 1: To press the key to disable the forward feature.

2. Option 2: Press Menu →Features → Call Forward →Always/Busy/No answer Forward

3. Press and to select the disable choice

4. Press or Save soft key to save the configuration.

To cancel the forward feature via Web interface

1. Setting → Features

2. Click Off for the Always/Busy/No Answer

3. Click SaveSet to save the configuration

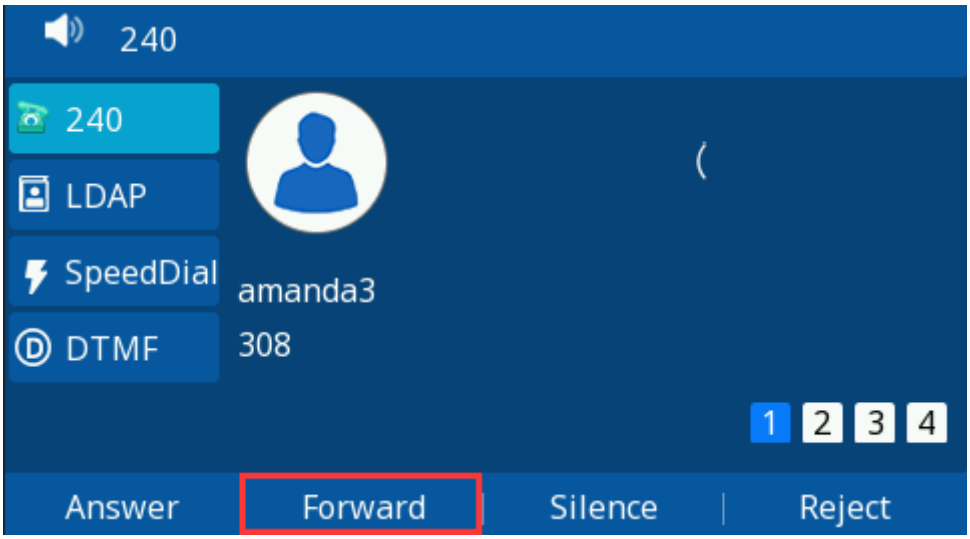
To configure dynamic forward

Forward an incoming call during the ringing.

1. When the phone is ringing, press Forward soft key.

2. Enter the forward number or select the desired number from Directory soft key (Precondition: local directory has one or more contacts).

3. Press or press the send soft key, then the call is forwarded.



Note:

If the Programmable Key or line key is set as BLF, when an incoming call ringing, press this BLF key directly to realize the dynamic forward.

You can choose a desired forward number from the Directory when you press the Forward key.

Call Return

This feature allows you to dial the last phone call you received.

To configure the Call Return via Phone interface

1. Press Menu →Features →Function Keys →Line Keys as Function Keys → Line Key2(for example)

2. Press and key to select the Call Return in the Type field.

3. Press or Save soft key to save the configuration

To configure the Call Return via Web interface

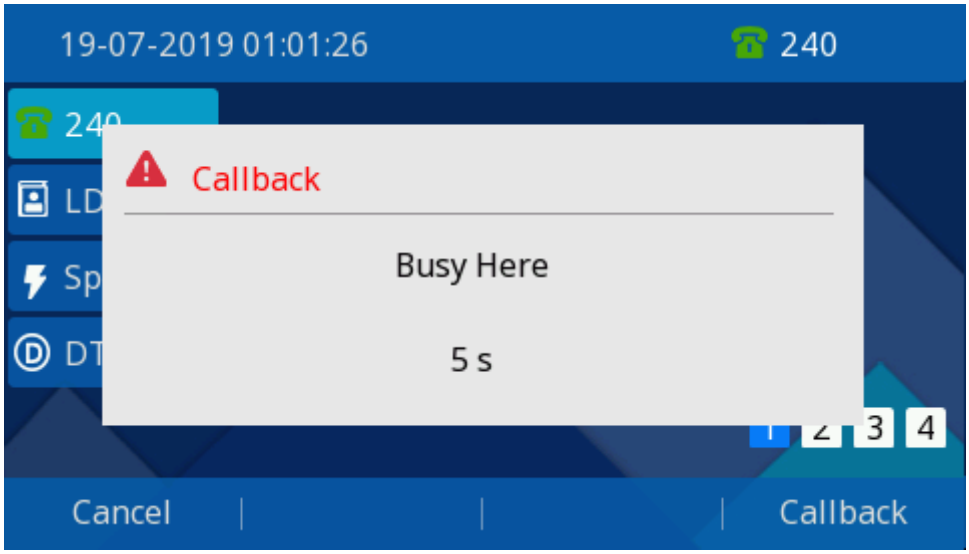
1. Click Function Keys → Line Key.

2. Select the desired Line Key and select Call Return in the Type.

3. Click SaveSet to save the configuration.

Call Back

When this option is set, if the phone you call is busy and does not set call waiting or voice mail, your LCD screen will prompt for call-back, as shown in figure



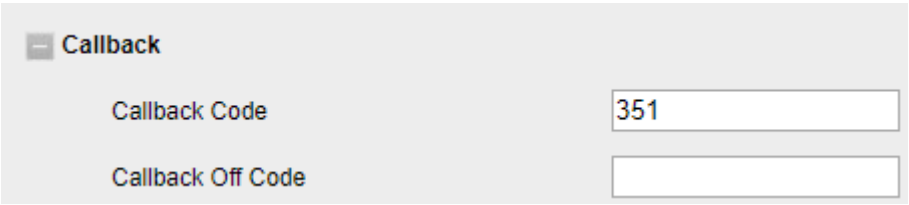
If you press the callback, the phone will dial the Callback phone number.

To configure the Call Back via Web interface

1. Click Setting →Features →Callback .

2. Fill the Callback phone number.

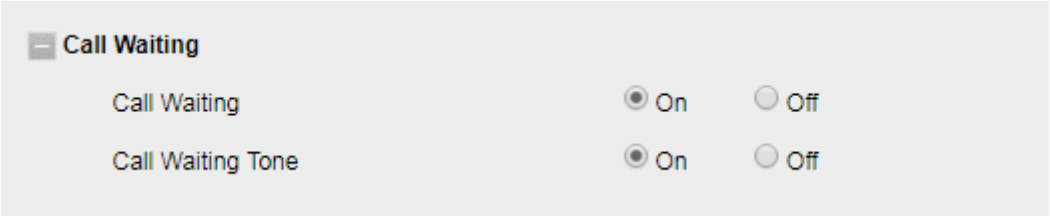
3. Click SaveSet to save the configuration.



Call Waiting Tone

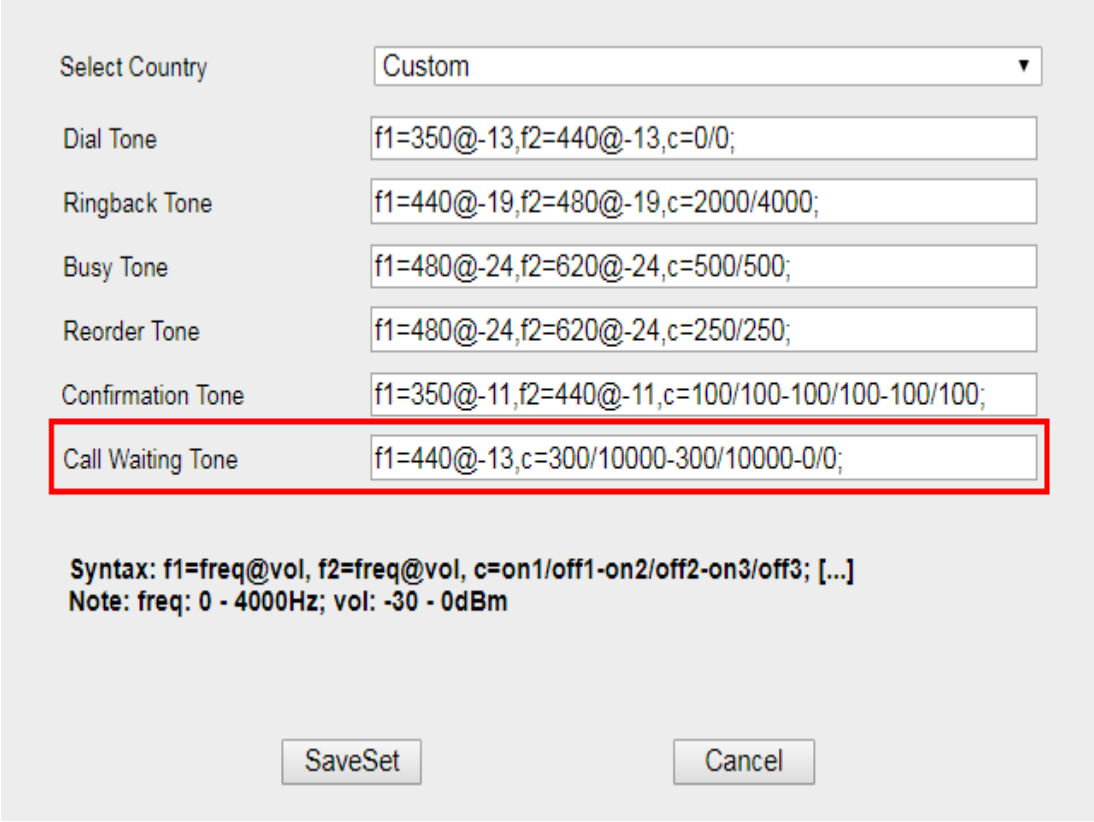
1. Click Setting → Features

2. Select Call Waiting: On and Call Waiting Tone: On

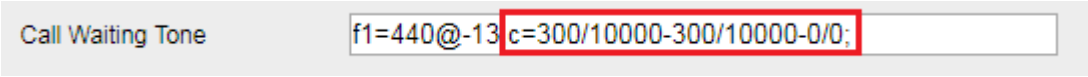


To Change the Call Waiting Tone time via Web interface

1. Click Setting → Tones



2. Change the Tone Time as you want (for example 3s)



Hide Caller ID

Just enable the unknown/hidden caller feature, by enabling Anonymous call feature thereby the receiver won't be able to know who is calling them.

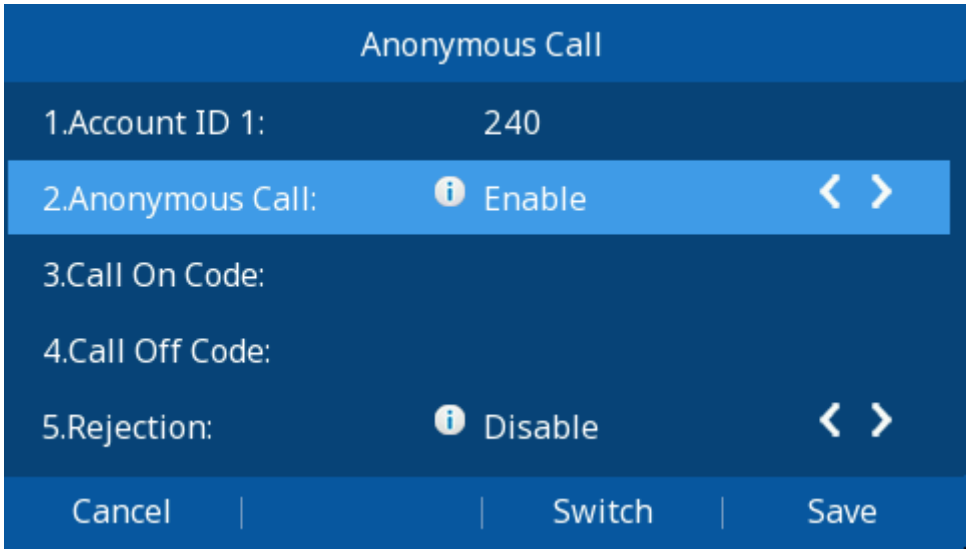
To configure anonymous call

1. Press Menu →Features →Anonymous Call →Account ID 1

2. Press and to select the enable choice in Anonymous Call filed.

3. Enter the Call On Code (optional), Call Off Code (optional).

4. Press or Save soft key to save the configuration.



To cancel anonymous call feature

1. Press Menu →Features →Anonymous Call

2. Press and key to select the disable choice in Anonymous Call filed.

3. Press or Save soft key to save the configuration.

Reject Anonymous

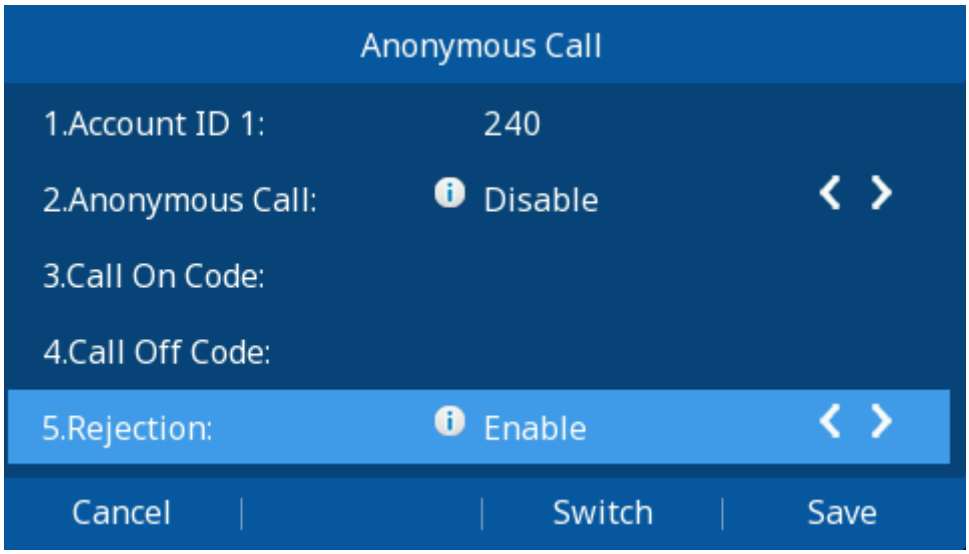
If you do not want to be disturb by anonymous calls, you can set the reject anonymous call features, so you will not hear the unknown calls

To configure rejecting anonymous call

1. Press Menu →Features →Anonymous Call →Account ID 1

2. Press and key to select the enable choice in Rejection filed.

3. Press or Save soft key to save the configuration



To cancel rejecting anonymous call

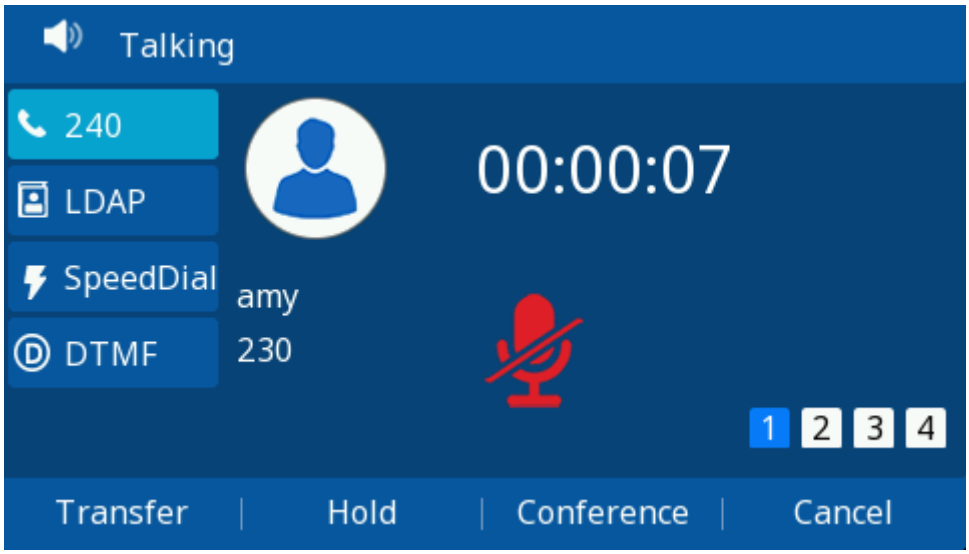
1. Press Menu →Features →Anonymous Call →Account ID 1

2. Press and key to select the disable choice in Rejection filed.

3. Press or Save soft key to save the configuration.

Call Mute

When you use the Mute feature, the other parties will not hear your voice while you can hear their voice. Call mute applies to all modes (handset, headset, and speakerphone).



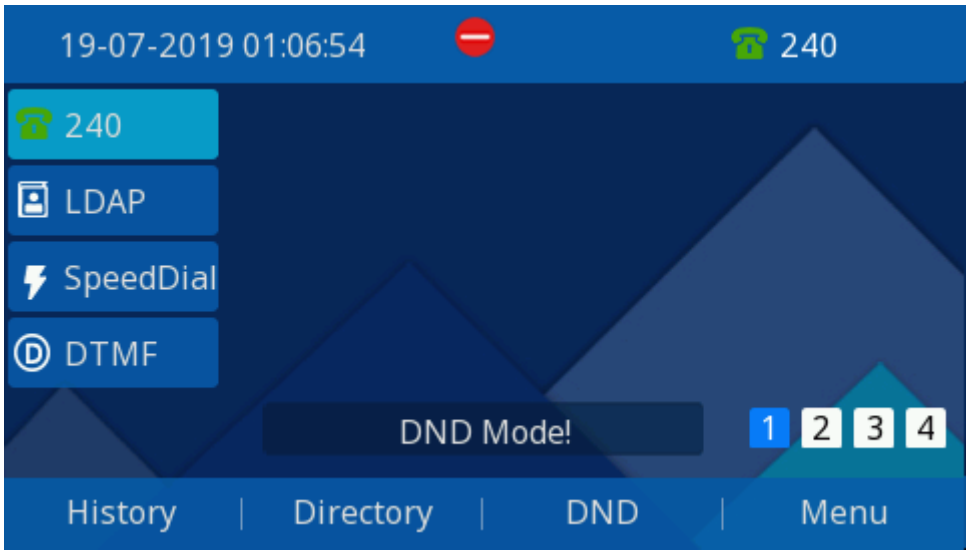
To mute the call during a call (including a conference call)

1. Press the mute key , then the mute key glows green, and the LCD display

2. To disable the mute function, press again.

DND

When you use the DND feature, the phone is to reject all incoming calls automatically and you can see the mute icon shown on the Top of the LCD on idle page.



To enable DND feature via Phone interface:

Press the DND soft key when the phone is idle, and then shown on the LCD.

To disable DND feature via Phone interface:

Press the DND soft key again, and then there is no on the LCD.

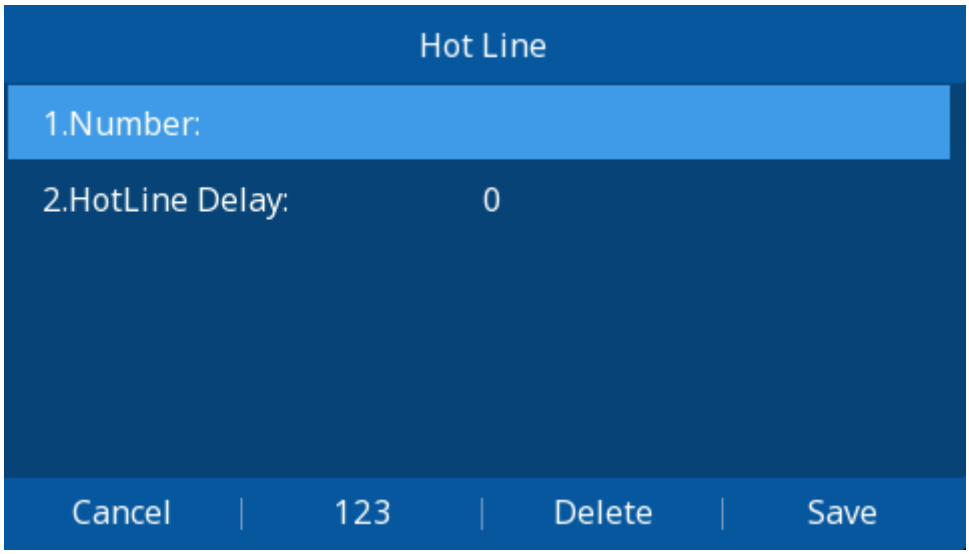
Hot Line

To configure Hot Line via Phone interface

1. Press Menu →Features → Hot Line

2. Enter the Number and delay time (as present, we support off hook auto dial).

3. Press or Save soft key to save the configuration



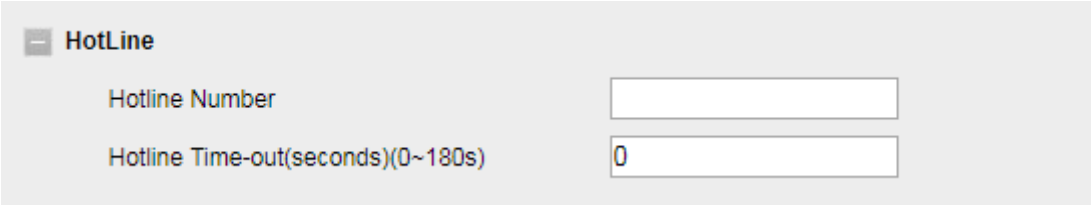
To configure Hotline auto dial via Web interface

1. Setting → Features.

2. Fill the number in the Hotline Number and Hotline Time-out.

3. Click

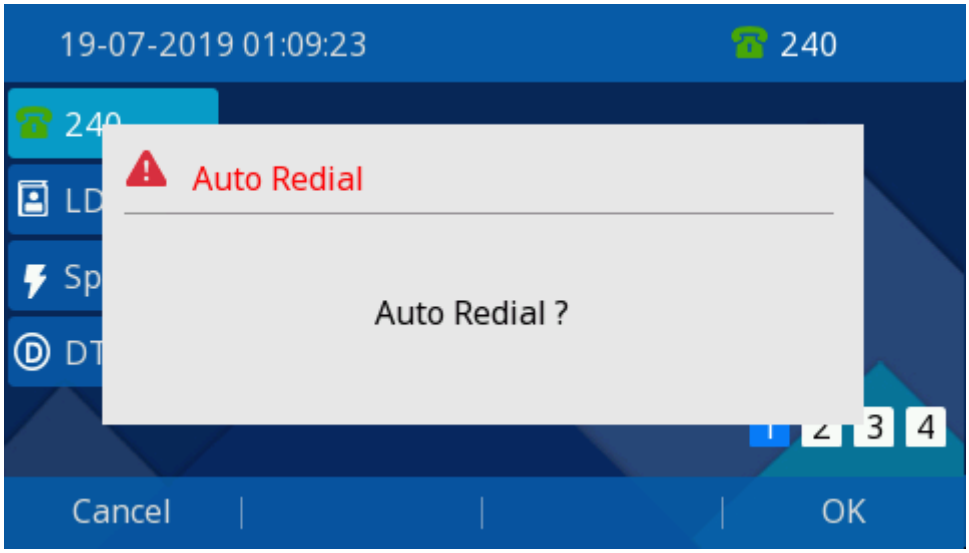
to save the configuration.



Delete the hotline number and save the configuration, then now the Hotline auto dial is cancelled.

Auto Redial

When this option is set, if the phone you call is busy and does not set call waiting or voice mail, your LCD screen will prompt for Auto Redial, as shown in figure.



If you press OK, your LCD will prompt Auto Redial Interval and Auto Redial Times

To configure Auto Redial via Web interface

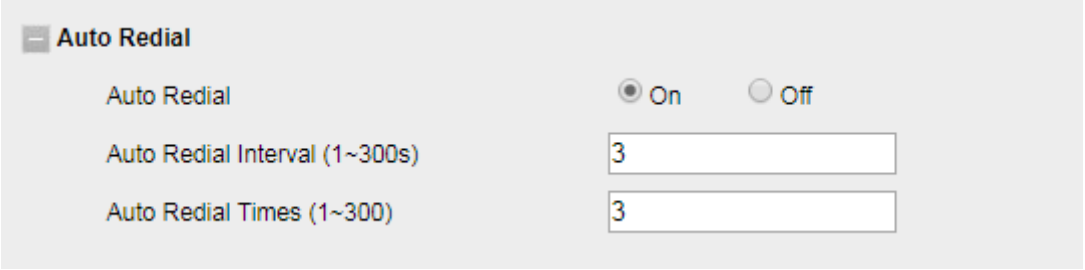
1. Click Setting →Features → Auto Redial

2. Select On or Off for Auto Redial.

3. Fill the number 1~300 seconds for the Auto Redial Interval.

4. Fill the number 1~300 times for the Auto Redial Times.

5. Click SaveSet to save the configuration.



Function Key Features and Settings

The function key supports the **Line Label Length**, **Line Page Indicator**, **BLF list MODE**, **line key as cancel**, **BLF blink.**

Line Label Length: If this option is set Long label, then the label's length will be longer, it is used if the string is too long.

Line Page Indicator: Enable this option when the phone has been configured for four pages and current page is first page, the forth page has a BLF and BLF's status is changed, then the forth page's button will flash the red indicator.

UC507 has 36 Function Keys.

BLF blink: Turn this option on to make the BLF icon blink when the monitored extension is talking.

Line

It works same as Line keys.

Line support three Mode (Default, lock and float)

Default mode: If there is an incoming call, the phone won't navigate to the set line key account page if the line key page is set as line type and current page is page four.

Lock mode: If there is an incoming call the line key set account will reflect on the same position on every page when the first page set as the line type.

Float mode: If there is an incoming call, the phone will navigate to the set line key account page if the line key page is set as line type and current page is page four.

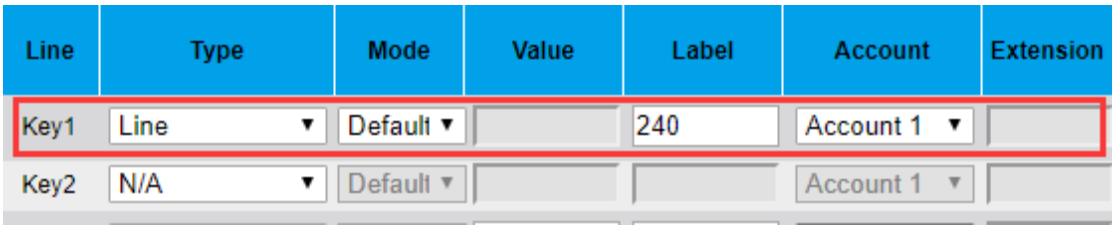
To configure Line Feature via Web interface

1. Click Function Keys → Line Key.

2. Select the wanted Key and set as Line.

3. Select the Account.

4. Click the SaveSet button to save the configuration.



Speed Dial

With this feature, you can dial one number by pressing the configured speed dial key.

To configure Speed Dial feature via Phone interface

1. Press Menu →Features →Function Keys →Line Keys as Function Keys → Line Key2(for example)

2. Press and key to select the Speed Dial in the Type field.

3. Enter the targeted Number.

4. Press or Save soft key to save the configuration

Then the selected Line Key will work as Speed Dial.

To configure Speed Dial feature via Web interface

1. Click Function Keys → Line Key.

2. Select the wanted Line Key and set as Speed Dial.

3. Enter the desired phone number in the Value field.

4. Select the Account ID

5. Click the SaveSet button to save the configuration.

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default		240	Account 1	
Key2	Speed Dial	Default	230		Account 1	

BLF

You can use the BLF (Busy Lamp Field) feature to monitor a specific extension number whether the extension is busy or free.

1. When the extension you are monitoring is idle, the light is steady green.

2. When the monitored extension is ringing, the light is blinking red, press the BLF key to pick the phone up directly.

3. When the monitored extension is calling or in a conversation, the light is steady red.

To configure a BLF key via Phone interface

1. Press Menu →Features →Function Keys →Line Keys as Function Keys → Line Key2(for example).

2. Select the targeted Line Key.

3. Press and key to select the BLF in the Type field.

4. Enter the targeted Value Number.

5. Press and key to select the Account ID.

6. Enter the Pickup Code.

7. Press or Save soft key to save the configuration

To configure a BLF key via Phone interface

1. Click Function Keys → Line Key.

2. Select the desired Line Key and select BLF in the Type.

3. Enter the monitored phone number in the Value field.

4. Select the Account ID

5. Filled the Extension.

6. Click SaveSet to save the configuration.

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default		240	Account 1	
Key2	BLF	Default	230		Account 1	

Note:

This feature is not available on all servers. For more information, contact your system administrator.

After setting the BLF key, do not need to restart the phone.

Visual Alert for BLF Pickup

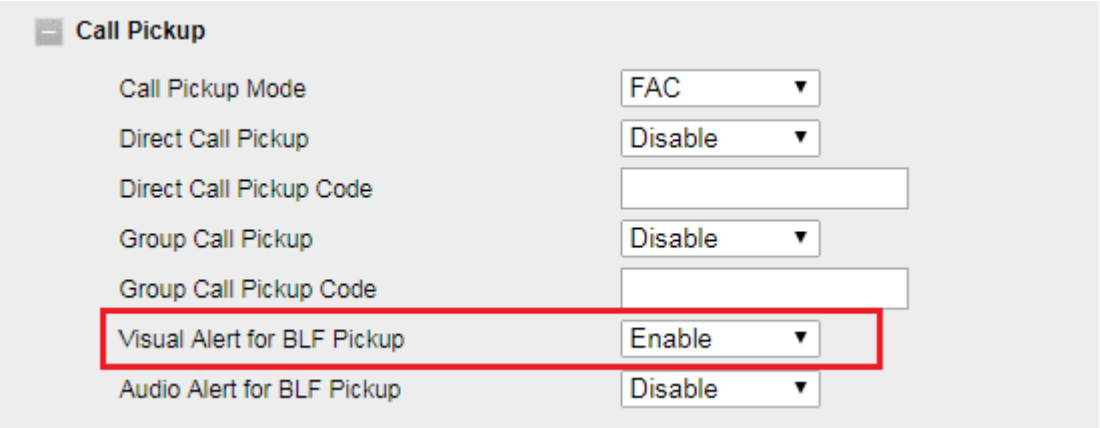
If this option is on, when you use the BLF feature to monitor a specific phone whether it is busy or free, you can see this message on the LCD, as shown in the following figure.

To configure Visual Alert for BLF Pickup via Web interface

1. Click Setting →Features →Call Pickup→ Visual Alert for BLF Pickup

2. Select Enable or Disable for Visual Alert for BLF Pickup.

3. Click SaveSet to save the configuration.



Audio Alert for BLF Pickup

If this option is on, when you use the BLF feature to monitor a specific phone whether it is busy or free, you can hear beep.

To configure Audio Alert for BLF Pickup via Web interface

1. Click Setting →Features →Call Pickup→ Audio Alert for BLF Pickup

2. Select Enable or Disable for Audio Alert for BLF Pickup

3. Click SaveSet to save the configuration.

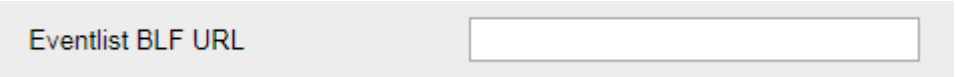
BLF List

To configure BLF List via Web interface:

1. Login and click Account→ Basic

2. Select the desired account from the pull-down list of Account in the Account field.

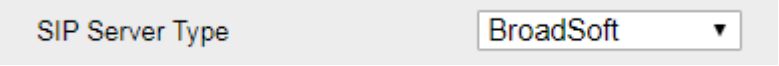
3. Fill the Eventlist BLF URL.



4. Click Profile→ Advanced

5. Select the desired profile from the pull-down list of Profile in the Profile field.

6. Select the SIP Server Type



7. Click SaveSet to save the configuration.

8. To configure BLF List Keys

8.1 Click Function Keys→ Line Key

8.2 Select the desired Line Key and select the BLF List in the Type Field.

8.3 Select the Account

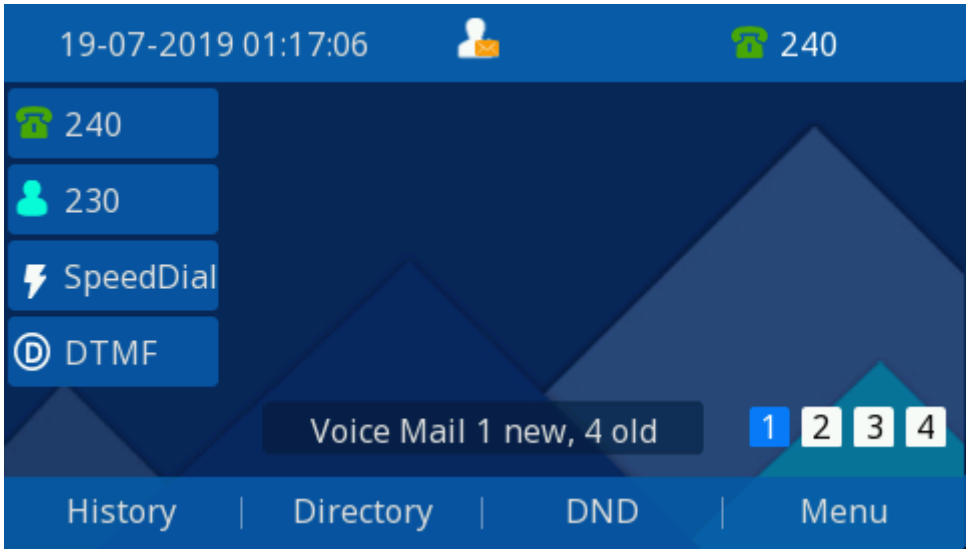
8.4 Click SaveSet to save the configuration.

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default		240	Account 1	
Key2	BLF List	Default			Account 1	

For more information, please check BLF List.

Voice Mail

This phone supports Voicemail, and when there is a message, the message will light green. Moreover, when you pick up the handset, or press speaker key, you will hear some faster busy tone.



To configure the Voice mail feature via Phone interface:

1. Press Menu →Messages →Voice Mail →Set Voice Mail.

2. Enter the Account No.1/2/3/4/5/6.../16.

3. Press or Save soft key to save the configuration

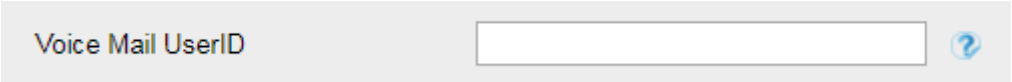
To configure the Voice Mail feature via Web interface:

1. Click Account→ Basic.

2. Select the desired account from the pull-down list of Account in the Account field.

3. Fill the Voice Mail UserID.

4. Click SaveSet to save the configuration.



To configure Voice Mail Line Key via Web interface:

1. Click Function Keys → Line Key.

2. Select the wanted Key.

3. Enter the desired voicemail feature codes in the Value field.

4. Fill the Label name to be displayed on LCD.

5. Select the Account.

6. Click SaveSet to save the configuration.

To configure a Voice mail key via Phone interface:

1. Press Menu →Features →Function Keys →Line Keys as Function Keys → Line Key2(for example).

2. Select the targeted Line Key.

3. Press and key to select the Voice Mail in the Type field.

4. Enter the Value Number.

5. Press and key to select the Account ID.

6. Press or Save soft key to save the configuration

To leave a voice mail:

You can leave a voice mail when the receiver is busy or its inconvenient for them to answer the call. Follow the voice prompt from the system server to leave a voice mail, and then hang up.

To listen to voice mails:

When the phone interface prompts receiving new voice mail's icon, the power indicator LED flashes red(Setting→ Preference: Enable Voice Message Status) and the voice message button flashes green.

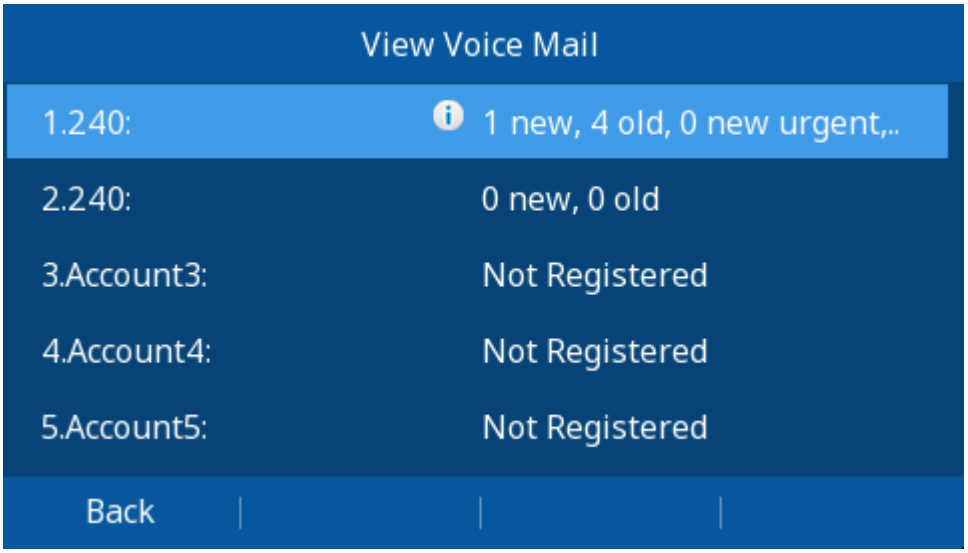
1. Pressing or the targeted Line Key to dial out the voice mail access code.

2. Follow the voice prompt to listen to voice mail.

To view the voicemail via Phone interface:

Press Menu→ Messages→ Voice Mail→ View Voice Mail.

The LCD screen displays the amount of new and old voice mails



Note:

This feature is not available on all servers. For more information, contact your system administrator.

Before listening to voice mails, make sure the voice mail access code has been configured.

When all new voice mails are retrieved, the power indicator LED, voice mail indicator LED and targeted Line Key will go out.

Direct Pickup

With this feature, you can pick up the set line when it ringing.

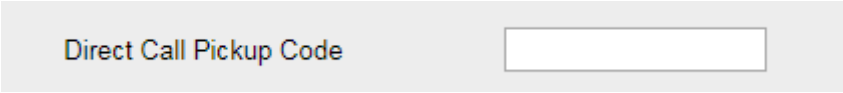
To configure Direct Pickup code via Web interface

1. Click Account→ Basic.

2. Select the desired account from the pull-down list of Account in the Account field.

3. Fill the Direct Call Pickup Code

4. Click SaveSet to save the configuration.



To configure Direct Pickup feature via Phone interface

1. Press Menu→ Features→ Function Keys→ Line Keys as Function Keys→ Line Key2(for example)

2. Press and key to select the PickUP in the Type field.

3. Enter the targeted Number in the Value field.

4. Press and key to select the Account ID.

5. Press or Save soft key to save the configuration

Then the selected Line Key will work as Direct Pickup.

To configure Direct Pickup feature via Web interface

1. Click Function Keys→ Line Key.

2. Select the wanted Line Key and set as Direct Pickup.

3. Enter the desired phone number in the Value field.

4. Select the Account

5. Click SaveSet to save the configuration.

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default		240	Account 1	
Key2	Direct Pickup	Default	*8230		Account 1	

Group Pickup

With this feature, you can pick up the specified group that you want incoming calls.

To configure the Pickup via Phone interface

1. Press Menu →Features →Function Keys→ Line Keys as Function Keys → Line Key2(for example)

2. Select the wanted Line Key.

3. Press and key to select the Group in the Type field.

4. Enter the group pickup code or the direct pickup code followed the desired phone number.

5. Press or Save soft key to save the configuration

To configure the Group Pickup via Web interface

1. Click Function Keys → Line Key.

2. Select the desired Line Key and select Group Pickup in the Type.

3. Enter the group pickup code or the direct pickup code followed the desired phone number in the Value field.

4. Select the Account.

5. Click SaveSet to save the configuration.

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default		240	Account 1	
Key2	Group Pickup	Default	8038		Account 1	

Call Park

With this feature, you can put a call on hold and continue the conversation from another phone.

To configure the Call Park via Phone interface

1. Press Menu →Features →Function Keys→ Line Keys as Function Keys → Line Key2(for example)

2. Press and or press Switch soft key to select the Call Park.

3. Select the Account ID.

4. Enter the call park code in the Value field

5. Press or Save soft key to save the configuration

To configure the Call Park via Web interface

1. Click Function Keys → Line Key.

2. Select the desired Line Key and select call park in the Type.

3. Enter the call park code in the value field.

4. Select the Account.

5. Click the SaveSet button to save the configuration.

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default		240	Account 1	
Key2	Call Park	Default	70		Account 1	

For More information for Call Park, please see: Call Park

Intercom

When use the intercom feature, you can quickly get access connect to the configured one.

To configure intercom feature via Phone interface

1. Press Menu →Features →Function Keys →Line Keys as Function Keys → Line Key2(for example)

2. Press and key to select the intercom in the Type field.

3. Enter the intercom codes followed by desired number.

4. Select the Account ID.

5. Press or Save soft key to save the configuration

Then the selected Line Key will work as intercom.

To configure Intercom feature via Web interface

1. Click Function Keys → Line Key.

2. Select the wanted Line Key.

3. Enter intercom codes followed by desired number in the Value field.

4. Select the Account ID

5. Click the SaveSet button to save the configuration.

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default		240	Account 1	
Key2	Intercom	Default	*80230		Account 1	

If you want to achieve the intercom feature, you must enable the “Allow Auto Answer by Call-Info”

1. Click Profile

2. Select the desired profile from the pull-down list of Profile in the Profile field.

3. Click Advanced

4. Enable the “Allow Auto Answer By Call-Info”

5. Click the SaveSet button to save the configuration.

Auto Answer	No	Yes
Allow Auto Answer By Call-Info	No	Yes
Turn off Speaker on remote disconnect	No	Yes

Note:

This feature is not available on all servers. For more information, contact your system administrator.

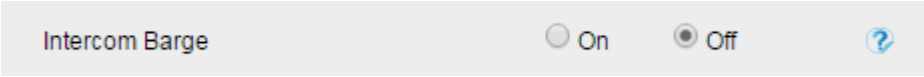
Intercom Barge

If this option is enabled, when there is an active call and an incoming intercom call arrives, the previous call will be put on hold and the intercom call will be answered

1. Click the Setting → Preference

2. Set On or Off for Intercom Barge.

3. Click SaveSet for the setting.



Note:

This feature is not available on all servers. For more information, contact your system administrator.

DTMF

When the key is configured as DTMF key, you are allowed to send out the desired DTMF number during the conversation.

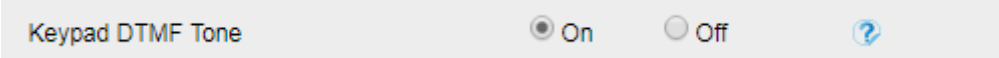
To use this feature, you should sure that the DTMF Tone is on.

To configure the DTMF via Web interface

1. Click Setting→ Preference

2. Select On for Keypad DTMF Tone.

3. Click SaveSet to save the configuration.



To configure the DTMF via Phone interface

1. Press Menu →Features →Function Keys →Line Keys as Function Keys → Line Key2(for example)

2. Press and key to select the DTMF in the Type field.

3. Enter the value with the Desired DTMF number

4. Press or Save soft key to save the configuration

To configure the DTMF via Web interface

1. Click Function Keys → Line Key.

2. Select the desired Line Key and select DTMF in the Type.

3. Fill the value with the Desired DTMF number.

4. Click the SaveSet to save the configuration.

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default		240	Account 1	
Key2	DTMF	Default	123		Account 1	

Prefix

If the key is configured as Prefix key, you can set the number prefix (e.g. Before the number plus 9), then you don't input 9, press the key and 9 will display on the LCD interface.

To configure the Prefix via Phone interface

1. Press Menu →Features →Function Keys →Line Keys as Function Keys → Line Key2(for example)

2. Press and key to select the Prefix in the Type field.

3. Enter the value with number that you want to set as prefix

4. Press or Save soft key to save the configuration

To configure the Prefix via Web interface

1. Click Function Keys → Line Key.

2. Select the desired Line Key and select Prefix in the Type.

3. Fill the value.

4. Click SaveSet to save the configuration.

Then when you press this key, the set value is input directly.

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default		240	Account 1	
Key2	Prefix	Default	2		Account 1	

Local Group

When use the Local Group feature, press the key and enter the local Contacts interface quickly.

To configure the Local group via Phone interface

1. Press Menu →Features →Function Keys →Line Keys as Function Keys → Line Key2(for example)

2. Press and key to select the Local Group in the Type field.

3. Press or Save soft key to save the configuration

To configure the Local Group via Web interface

1. Click Function Keys → Line Key.

2. Select the desired Key and select Local Group in the Type.

3. Click SaveSet to save the configuration.

Then you can press the local group key to quickly access the pre-defined contact group in the local directory.

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default		240	Account 1	
Key2	Local Group	Default			Account 1	

XML Group

When use the XML Group feature, press the key and enter the Remote Contacts interface quickly.

To configure the XML group via Phone interface

1. Press Menu →Features →Function Keys →Line Keys as Function Keys → Line Key2(for example)

2. Press and key to select the XML Group in the Type field.

3. Press and key to select the Account ID.

4. Press or Save soft key to save the configuration

To configure the XML Group via Web interface

1. Click Function Keys → Line Key.

2. Select the desired Key and select XML Group in the Type.

3. Select the Account.

4. Click SaveSet to save the configuration.

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default		240	Account 1	
Key2	XML Group	Default			remote pho	

XML Browser

You can use this key feature to access the Xml browser quickly. The Xml browser allows you to create custom services which meet your functional requirements on the server. You can customize practical applications, such as weather report, stock information, Google search, etc.

To configure the XML Browser via Phone interface

1. Press Menu →Features →Function Keys →Line Keys as Function Keys → Line Key2(for example)

2. Press and key to select the XML Browser in the Type field.

3. Filled the access URL for xml browser

4. Press or Save soft key to save the configuration

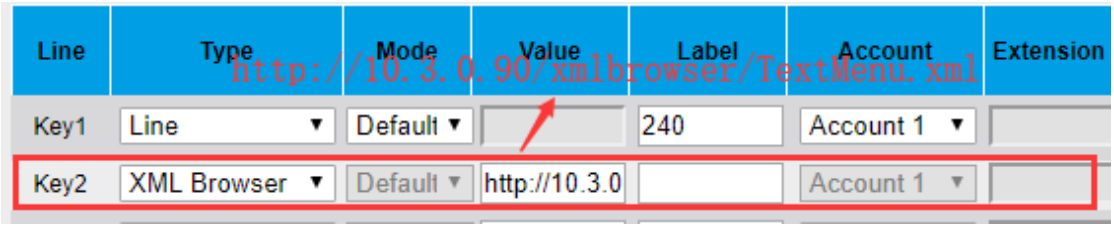
To configure the XML Browser via Web interface

1. Click Function Keys → Line Key.

2. Select the desired Key and select xml browser in the Type.

3. Filled the access URL for xml browser (e.g.: http://10.3.0.90/xmlbrowser/TextMenu.xml)

4. Click SaveSet button to save the configuration.



LDAP

When use the LDAP feature, you can get the LDAP Phonebook directly.

To configure the LDAP via Phone interface

1. Press Menu →Features →Function Keys →Line Keys as Function Keys → Line Key2(for example)

2. Press and key to select the LDAP in the Type field.

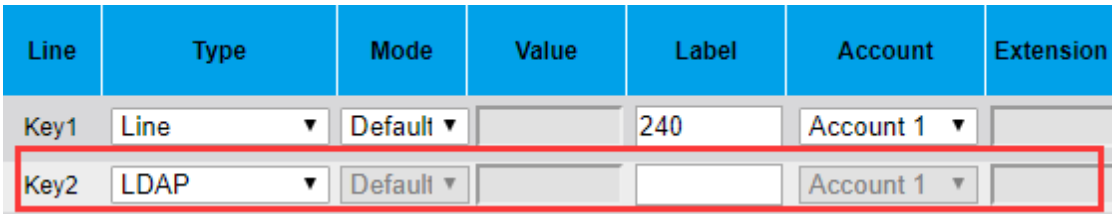
3. Press or Save soft key to save the configuration

To configure the LDAP via Web interface

1. Click Function Keys → Line Key.

2. Select the desired Key and select LDAP in the Type.

3. Click SaveSet to save the configuration.



Network Directories

When using the BroadSoft Directory feature, by just pressing the key you can enter the Broadsoft Contacts interface its fast and convenient.

To configure the Network Directories via Phone interface

1. Press Menu→ Features→ Function Keys→ Line Keys as Function Keys→ Line Key2(for example)

2. Press and key to select the BS Group in the Type field.

3. Press and key to select the Account ID.

4. Press or Save soft key to save the configuration

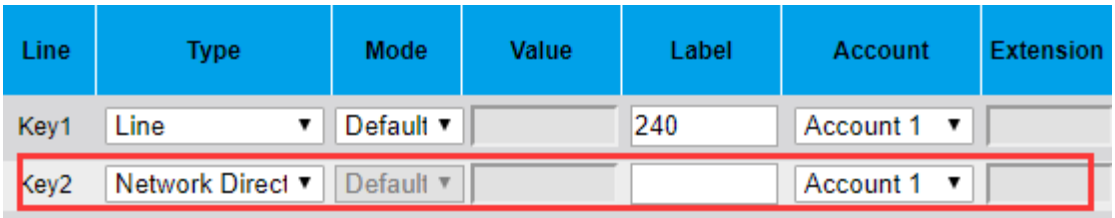
To configure the Network Directories via Web interface

1. Click Function Keys→ Line Key.

2. Select the desired Line Key and select Network Directories in the Type field.

3. Select the Account.

4. Click the SaveSet button to save the configuration.



Then you can press the Network Directories key to quickly enter the Broadsoft Contacts interface.

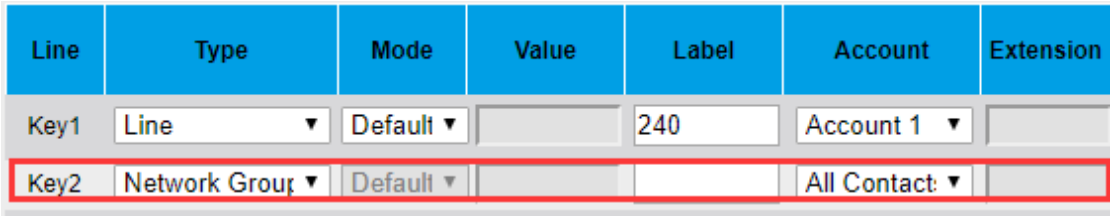
To configure the Network Group via Web interface

1. Click Function Keys→ Line Key.

2. Select the desired Line Key and select Network Group in the Type field.

3. Select All Contacts/ Group/ Interoperability/ GroupCommon/ EnterpriseCommon/ Personal/ Custom Directories for the Account.

4. Click the SaveSet button to save the configuration.



Then you can press the Network Group key to quickly enter the selected secondary directory of Broadsoft Contacts.

For more details, refer to Broadsoft Directory .

Conference

The IP Phone supports up to 5-way conference. You are allowed to configure the programmable key to be used as a conference key. This key works same as .

To configure the Conference via Phone interface

1. Press Menu →Features →Function Keys →Line Keys as Function Keys → Line Key2(for example)

2. Press and key to select the Conference in the Type field.

3. Press or Save soft key to save the configuration

To configure Conference via Web interface

1. Click Function Keys →Line Key.

2. Select the desired Key and select Conference in the Type.

3. Click the SaveSet button to save the configuration.

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default		240	Account 1	
Key2	Conference	Default			Account 1	

Forward

If the key is configured as Forward key, press this key under the idle status, the IP phone will turn to the Always Forward interface and you can set the Forward to number, then when there is any call to that number it will be forwarded to the set number automatically.

To configure the Forward via Phone interface

1. Press Menu →Features →Function Keys →Line Keys as Function Keys → Line Key2(for example)

2. Press and key to select the Forward in the Type field.

3. Enter the Number to forward to.

4. Press or Save soft key to save the configuration

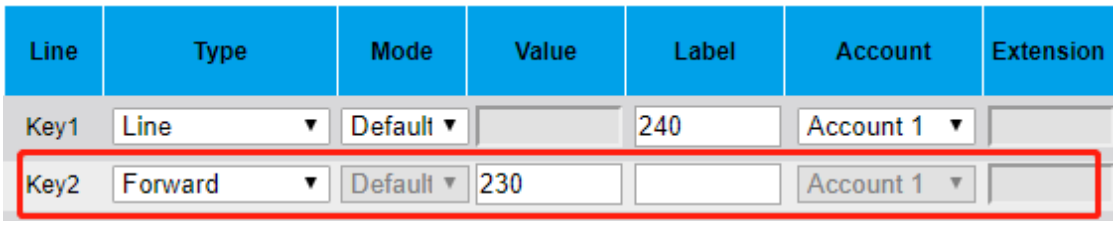
To configure Forward via Web interface

1. Click Function Keys →Line Key.

2. Select the desired Key and select Forward in the Type.

3. Enter the Value with the number you want to forward to.

4. Click the SaveSet button to save the configuration.



Transfer

You are able to configure the key as a transfer key to perform the Attended/Semi-Attended Transfer.

To configure the Transfer via Phone interface

1. Press Menu →Features →Function Keys →Line Keys as Function Keys → Line Key2(for example)

2. Press and key to select the Transfer in the Type field.

3. Enter the Number to transfer to

4. Press or Save soft key to save the configuration

To configure Transfer via Web interface

1. Click Function Keys →Line Key.

2. Select the desired Key and select Transfer in the Type.

3. Enter the Value with the number that wanted transfer to

4.Click the SaveSet button to save the configuration.

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default		240	Account 1	
Key2	Transfer	Default	230		Account 1	

Hold

The key can be configured as a hold key. You can use this key to hold and resume a call during the conversation.

To configure the Hold via Phone interface

1. Press Menu →Features →Function Keys →Line Keys as Function Keys → Line Key2(for example)

2. Select the wanted Line Key.

3. Press and key to select the Hold in the Type field.

4. Press or Save soft key to save the configuration

To configure Hold via Web interface

1. Click Function Keys →Line Key.

2. Select the desired Key and select Hold in the Type.

3. Click the SaveSet button to save the configuration.

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default		240	Account 1	
Key2	Hold	Default			Account 1	

DND

If the key is configured as DND key, allows you to activate the DND function immediately

when you press it and the phone will reject all incoming calls automatically. Press it again to deactivate DND mode.

To configure the DND via Phone interface

1. Press Menu →Features →Function Keys →Line Keys as Function Keys → Line Key2(for example)

2. Press and key to select the DND in the Type field.

3. Press or Save soft key to save the configuration

To configure DND via Web interface

1. Click Function Keys →Line Key.

2. Select the desired Key and select DND in the Type.

3. Click the SaveSet button to save the configuration.

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default		240	Account 1	
Key2	DND	Default			Account 1	

To enable DND feature

Press the DND soft key when the phone is idle status, and then DND icon shown on the LCD.

To disable DND feature

Press the DND soft key again, then there is no DND icon on the LCD.

Redial

If the key is configured as Redial key, you can redial the last placed call from the IP Phone.

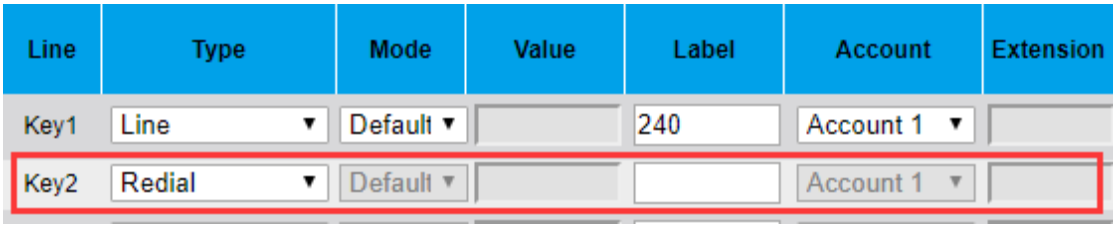
To configure Redial via Web interface

1. Click Function Keys →Line Key

2. Select the desired Key and select Redial in the Type.

3. Enter the Label displayed on LCD.

4. Click the SaveSet button to save the configuration.



SMS

Send SMS

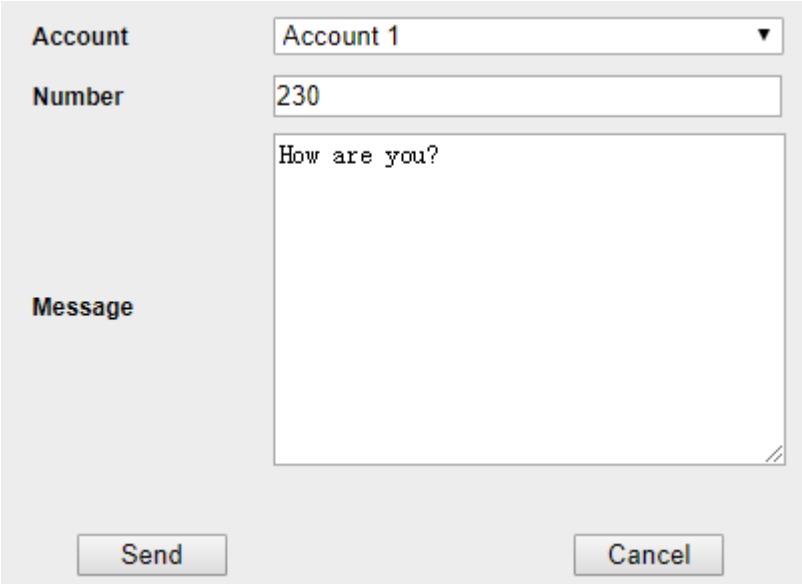
To send SMS via Web interface

1. Click Setting→ SMS

2. Select the Account (from which account the SMS sent)

3. Enter the target number

4. Input the content of SMS, and click Send.



To send SMS via Phone interface:

1. Click Menu→ Messages→ Text Message→ Set SMS

2. Enter the contents in the white field.

3. Press the Send button

4. Select the account in the From field (from which account the SMS sent)

5. Enter the target number in the To field (to which account the number sent)

6. Press the Send button.

Set SMS Line Key

To configure the SMS via Phone interface

1. Press Menu →Features →Function Keys →Line Keys as Function Keys → Line Key2(for example)

2. Press and key to select the SMS in the Type field.

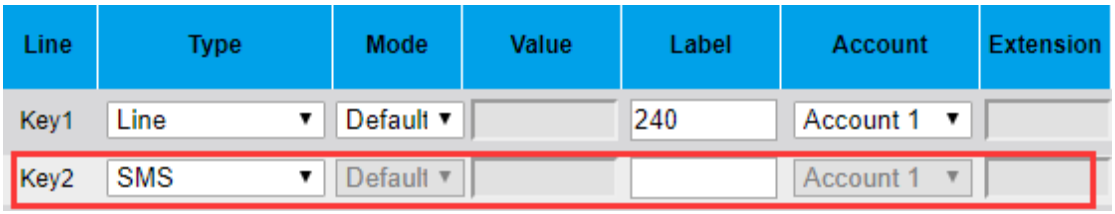
3. Press or Save soft key to save the configuration

To configure SMS via Web interface

1. Click Function Keys →Line Key.

2. Select the desired Key and select SMS in the Type.

3. Click SaveSet to save the configuration.



Record

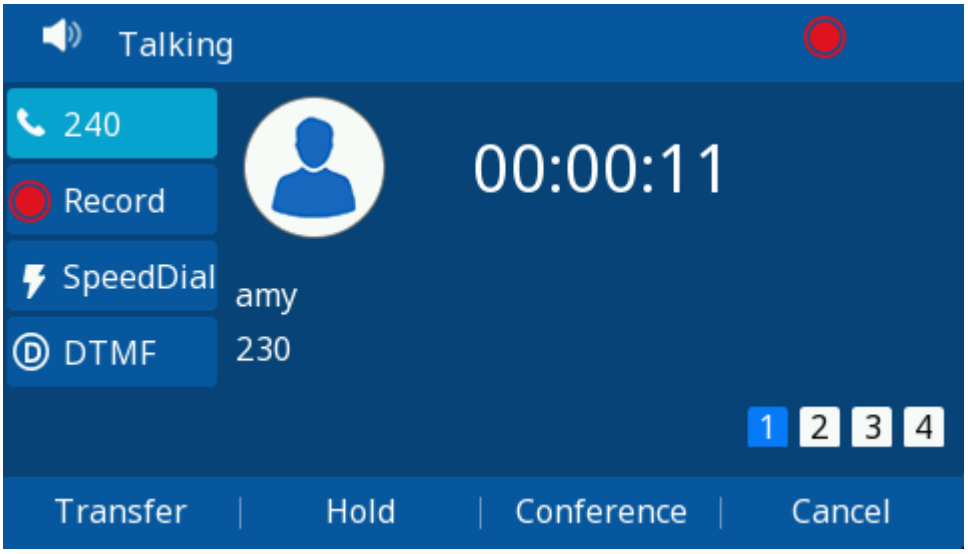
With record feature, you can record your calls by pressing the record key .

To configure the record via Phone interface

1. Press Menu →Features →Function Keys →Line Keys as Function Keys → Line Key2(for example)

2. Press and key to select the Record.

3. Press or Save soft key to save the configuration



To configure the record via Web interface

1. Click Function Keys → Line Key.

2. Select the desired Line Key and select Record in the Type.

3. Click the SaveSet button to save the configuration.

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default		240	Account 1	
Key2	Record	Default			Account 1	

Note:

Please contact the system administrator whether support this feature or not.

URL Record

The phone sends HTTP URL request to trigger a recording. Contact your system administrator for the predefined URL.

To configure the URL record via Phone interface

1. Press Menu →Features →Function Keys→ Line Keys as Function Keys → Line Key2(for example)

2. Press and key to select the URL Record.

3. Press or Save soft key to save the configuration

To configure the record via Web interface

1. Click Function Keys → Line Key.

2. Select the desired Line Key and select URL Record in the Type.

3. Click the SaveSet button to save the configuration.

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default		240	Account 1	
Key2	URL Record	Default	http://10.3.0		Account 1	

Paging

With this feature, you can call a paging group directly.

To configure the paging via Phone interface

1. Press Menu →Features →Function Keys →Line Keys as Function Keys → Line Key2(for example)

2. Press and key to select the Paging.

3. Enter the paging code followed the number.

4. Press and key to select the Account ID.

5. Press or Save soft key to save the configuration

To configure the Paging via Web interface

1. Click Function Keys → Line Key.

2. Select the desired Line Key and select Paging in the Type.

3. Enter the paging code followed the number.

4. Select the Account.

5. Click the SaveSet button to save the configuration.

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default		240	Account 1	
Key2	Paging	Default	862		Account 1	

Group Listening

With this feature, when you have an active call, you can listen using Handset and Free-speaker, but only can use the handset to speak.

To configure the Group listening via Phone interface

1. Press Menu →Features →Function Keys →Line Keys as Function Keys → Line Key2(for example)

2. Press and key to select the Group Listening in the Type field.

3. Press or Save soft key to save the configuration

To configure Group listening via Web interface

1. Click Function Keys →Line Key.

2. Select the desired Key and select Group Listening in the Type.

3. Click SaveSet to save the configuration.

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default		240	Account 1	
Key2	Group Listenin	Default			Account 1	

Shared Line

IP Phone supports “Shared Call Appearance” by Broadsoft and XCast standard. This feature allows members of the SCA group to shared SIP lines and provides status monitoring (idle, active, progressing, hold) of the shared line. When there is an incoming call designated for the SCA group, all of the members of the group will be notified of an incoming call and will be able to answer the call from the phone with the SCA extension registered in the group.

All the users that belong to the same SCA group will be notified by visual indicator when a user seizes the line and places an outgoing call, and all the users of this group will not be

able to seize the line until the line goes back to an idle state or when the call is placed on hold (with the exception of when multiple call appearances are enabled on the server side).

In the middle of the conversation, there are two types of hold: Public Hold and Private Hold. When a member of the group places the call on public hold, the other users of the SCA group will be notified of this by the red-flashing button and they will be able to resume the call from their phone by pressing the line button. However, if this call is placed on private-hold, no other member of the SCA group will be able to resume that call.

To enable shared call appearance, the user would need to register the shared line account on the phone. In addition, they would need to navigate to “Account” → “Advanced” on the webpage and set the line to “Shared Line” and “SIP Server Type”, and configure the line key or Line Key as “line” type with the desired account on webpage or LCD. If the user requires more shared call appearances, the user can configure multiple line keys (Function Keys→ Line key) to be “line” type associated with the account.

This feature is very useful in the boss and secretary scenario. For example, the secretary can share the boss' extension number on her phone. When there is an incoming call to the extension number of the boss, both the phones of the boss and the secretary will ring simultaneously. Either the boss or the secretary can answer the call. Calls on shared line can be placed on hold or barged in.

To configure the line key as line via Phone interface

1. Press Menu →Features →Function Keys →Line Keys as Function Keys → Line Key2(for example)

2. Press and key to select the Line in the Type field.

3. Press and key to select the Account ID.

4. Enter the Label

5. Enter the Value

6. Press or Save soft key to save the configuration

To configure the line key as line via Web interface

1. Click Function Keys → Line Key.

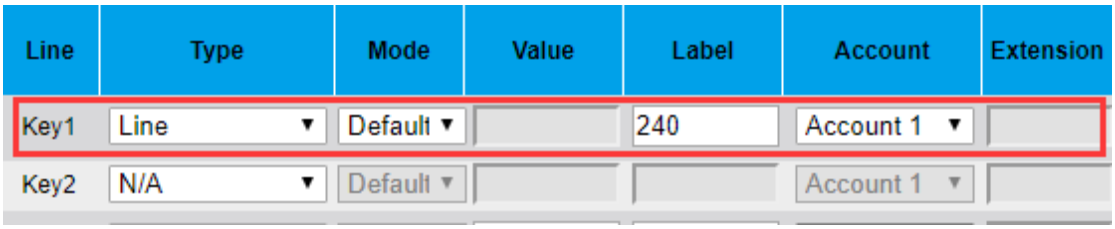
2. Select the desired Line Key and select Line in the Type.

3. Enter the Value.

4. Enter the Label.

5. Select the Account ID

6. Click the SaveSet button to save the configuration and then restart.



Note:

This feature is not available on all servers. For more information, contact your system administrator.

Public Hold

The key can be configured as a public hold key. During a conversation, all members belonging to that particular SLA group can use this key to hold or resume a call.

To configure the Public hold via Phone interface

1. Press Menu →Features →Function Keys →Line Keys as Function Keys → Line Key2(for example)

2. Press and key to select the Public Hold.

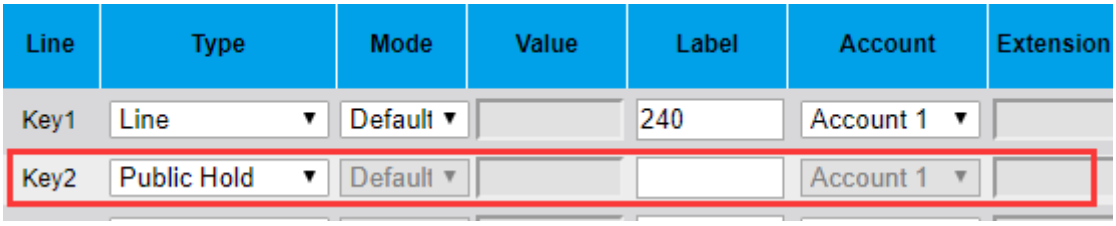
3. Press or Save soft key to save the configuration

To configure public hold via Web interface

1. Click Function Keys →Line Key.

2. Select the desired Key and select Public Hold in the Type.

3. Click the SaveSet button to save the configuration.



Private Hold

The key can be configured as a private hold key. During a conversation, all members belonging to that particular SLA group can use this key to hold the call, but only the initiator can resume the call.

To configure the Private hold via Phone interface

1. Press Menu →Features →Function Keys →Line Keys as Function Keys → Line Key2(for example)

2. Press and key to select the Private Hold.

3. Press or Save soft key to save the configuration

To configure private hold via Web interface

1. Click Function Keys →Line Key.

2. Select the desired Key and select Private Hold in the Type.

3. Click the SaveSet button to save the configuration.

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default		240	Account 1	
Key2	Private Hold	Default			Account 1	

Hot Desking

Hot Desking originates from the definition of being the temporary physical occupant of a work station or surface by a particular employee. A primary motivation for Hot Desking is cost reduction. This feature is regularly used in places where all employees are not in the office at the same time, or not in the office for a very long time, which means their personal offices are often vacant, consuming valuable space and resources.

You can use Hot Desking on the IP phone to logout the existing accounts and then log in a new account, which allows many users to share the phone resource in different times. To use this feature, first you need to configure a Hot Desking key in the advance settings.

This feature is supported on the version 1.0.3.82 or later

To configure the hot desking via Phone interface

1. Press Menu →Features →Function Keys →Line Keys as Function Keys → Line Key2(for example)

2. Press and key to select the Hot Desking.

3. Enter the display name in the Label field.

4. Press or Save soft key to save the configuration

To configure the hot desking via Web interface:

1. Click Function Keys →Line Key.

2. Select the desired Key and select Hot Desking in the Type.

3. Select the desired account from the pull-down list of Account field.

4. Click the SaveSet button to save the configuration.

To use the Hot desking feature on the user interface:

1. Press the Hot desking key when the IP Phone is idle.

2. Enter the Extension number and password

3. Click Save soft key

You can see the account information which has changed.

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default		240	Account 1	
Key2	Hot Desking	Default			Account 1	

Note:

This feature is not available on all servers. For more information, contact your system administrator.

ACD

ACD feature is often used in offices for customer service, such as call center. The ACD system handles large volumes of incoming calls from callers who have no need to talk to a specific person but who require assistance from any of the different personnel at the earliest point. The ACD feature on the IP Phone allows the ACD system to distribute calls from large volumes of incoming calls to the registered IP phone users. To use this feature, first you should configure an ACD key in the advance settings.

To configure the ACD via Phone interface

1. Press Menu →Features →Function Keys →Line Keys as Function Keys → Line Key2(for example)

2.Press and key to select the ACD.

3. Enter the label in the Label field.

4. Select the desired account in the Account ID field.

5. Press or Save soft key to save the configuration

To configure the ACD via Web interface:

1. Click Function Keys →Line Key.

2. Select the desired Key and select ACD in the Type.

3. Enter the label in the Label field.

4. Select the desired account from the pull-down list of Account field.

5. Click the SaveSet button to save the configuration.

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default		240	Account 1	
Key2	ACD	Default			Account 1	

Note:

This feature is not available on all servers. For more information, contact your system administrator.

Zero Touch

You can use this key feature to configure auto provision and network parameters quickly.

This feature is supported on the version 1.0.3.82 or later

To configure the zero touch via Phone interface

1. Press Menu →Features →Function Keys →Line Keys as Function Keys → Line Key2(for example)

2. Press and key to select the Zero Touch

3. Press or Save soft key to save the configuration

To configure the zero touch via Web interface:

1. Click Function Keys →Line Key.

2. Select the desired Key and select Zero Touch in the Type.

3. Click the SaveSet button to save the configuration.

To use the zero touch feature on the user interface:

1. Press the Zero Touch key when the IP Phone is idle.

2. Press the OK soft key and the IP Phone will enter the WAN Port interface; you can change the WAN Type by pressing the Navigation keys.

3. Press the Next soft key to enter Network interface, then you can configure some information.

4. Press the Next soft key again, you can configure auto provision information.

5. When you finish the setting, you can press the OK to accept the changes.

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default		240	Account 1	
Key2	Zero Touch	Default			Account 1	

Note:

This feature is not available on all servers. For more information, contact your system administrator.

Multicast Paging

You can use multicast paging to quickly and easily forward out time sensitive announcements to people within the multicast group. You can configure a multicast paging key or a paging list key on the phone, which allows you to send a Real Time Transport Protocol (RTP) stream to the pre-configured multicast address/addresses without involving SIP signaling. You can configure the phone to receive an RTP stream from pre-configured multicast listening address/addresses without involving SIP signaling.

You can specify up to 10 multicast listening addresses.

Sending RTP Stream

To configure a multicast paging key via Phone interface

1. Press Menu →Feature →Line Key →Line Key2（e.g.）

2. Press and or switch key to select the Multicast Paging in the Type field.

3. Enter the multicast IP address and port number (e.g., 224.5.6.20:2000) in the Value field.

4. The valid multicast IP addresses range from 224.0.0.0 to 239.255.255.255.

5. Press or Save soft key to save the configuration

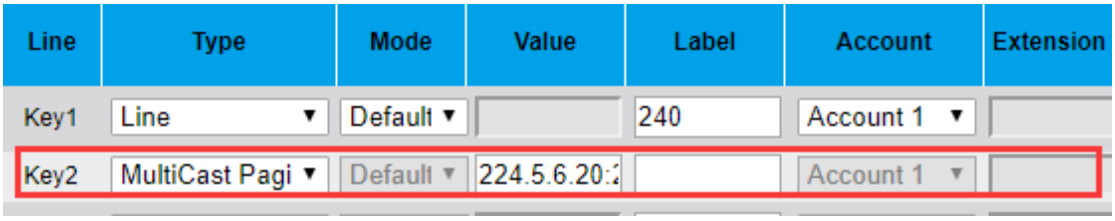
To configure a multicast paging key via Web interface

1. Function Keys→ Line key：

2. Select the desired Key and select Multicast Paging in the Type.

3. Enter the multicast IP address and port number (e.g., 224.5.6.20:2000) in the Value field. The valid multicast IP addresses range from 224.0.0.0 to 239.255.255.255.

4. Click the SaveSet button to save the configuration.



Sending RTP Stream:

Press the multicast paging key when the phone is idle.

The phone sends RTP to a preconfigured multicast address (IP: Port). Any phone in the local network then listens to the RTP on the preconfigured multicast address (IP:Port). For

both sending and receiving of the multicast RTP, there is no SIP signaling involved.

The multicast paging key LED illuminates solid green.

Receiving RTP Stream

You can configure the phone to receive a Real Time Transport Protocol (RTP) stream from the pre-configured multicast address/addresses without involving SIP signaling. You can specify up to 10 multicast addresses that the phone listens to on the network.

How the phone handles incoming multicast paging calls depends on Paging Barge and Paging Priority Active parameters configured via web user interface.

Paging Barge

The paging barge parameter defines the priority of the voice call in progress. If the priority of an incoming multicast paging call is lower than that of the active call, it will be ignored automatically. If Disabled is selected from the pull-down list of Paging Barge, the voice call in progress will take precedence over all incoming multicast paging calls.

Valid values in the Paging Barge field:

- 1 to 10: Define the priority of the active call, 1 with the highest priority, 10 with the lowest.
- Disabled: The voice call in progress will take precedence over all incoming paging calls.

Paging Priority Active

The paging priority active parameter decides how the phone handles incoming multicast paging calls when there is already a multicast paging call on the phone. If enabled, the phone will ignore incoming multicast paging calls with lower priorities, otherwise, the phone will answer incoming multicast paging calls automatically and place the previous multicast paging call on hold. If disabled, the phone will automatically ignore all incoming multicast paging calls.

Multicast Codec:

You can only configure the codec via Web interface.

To configure multicast codec key via Web interface

1. Click Directory → Multicast Paging:

2. Select the desired codec from the pull-down list of Multicast Codec

3. Click the SaveSet button to save the configuration.

To configure multicast listening addresses via Web interface:

1. Click Directory→ Multicast paging.

2. Select the desired value from the pull-down list of Paging Barge.

3. Select the desired value from the pull-down list of Paging Priority Active.

4. Enter the multicast IP address/addresses and port number (e.g., 224.5.6.20:2000) which the phone listens to for incoming RTP multicast in the Listening Address field.

5. Enter the label in the Label field.

6. Click SaveSet button to save the configuration.

Paging Barge	10
Paging Priority Active	Enable
Multicast Codec	PCMU

Index	Listening Address	Label	Multi Priority
IP Address 1	224.5.6.20:2000		1
IP Address 2			2
IP Address 3			3
IP Address 4			4
IP Address 5			5
IP Address 6			6
IP Address 7			7
IP Address 8			8
IP Address 9			9
IP Address 10			10

SaveSet Cancel

Note:

The priorities of listening to multicasting addresses can be predefined: 1 being the highest priority, 10 with the lowest in priority order. Both the multicast paging sender and receiver's phones play a warning tone when establishing a multicast paging call. Listening to Multicasting addresses can be configurable via Web interface only.

BT Feature

IP Phone Model supports the Bluetooth feature.

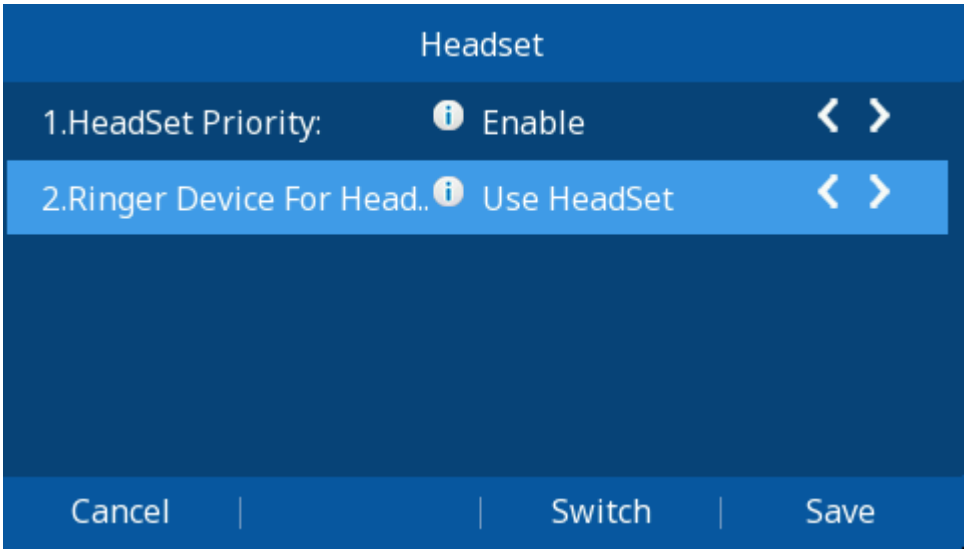
The Model connects to a wide range of Bluetooth Headset, compatible with Bluetooth specification V4.0 and backwards compatible with 1.1, 1.2, 2.0 and 3.0.

How to Enable headset mode?

To configure the headset mode via Phone interface:

1. Find Menu then navigate as follows:

   Menu→ Settings→ Basic Setting→ Headset:



2. Enable the Headset Priority

3. Choose the “Use HeadSet” or “Speaker&Headset” from “Ringer Device For Headset” option

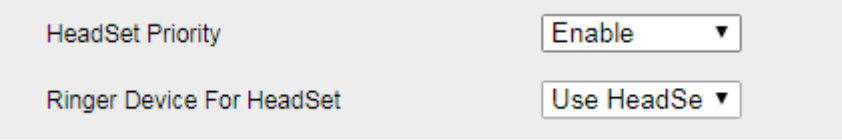
4. Press the save button to save the configuration.

To configure the headset mode via Web interface:

1. Login the phone’s webpage (**Username**: admin, **Password**: admin)

2. Setting→ Preference. Enable the Headset priority. Choose the “Use HeadSet” or

“Speaker&Headset” from “Ringer Device For Headset” option.

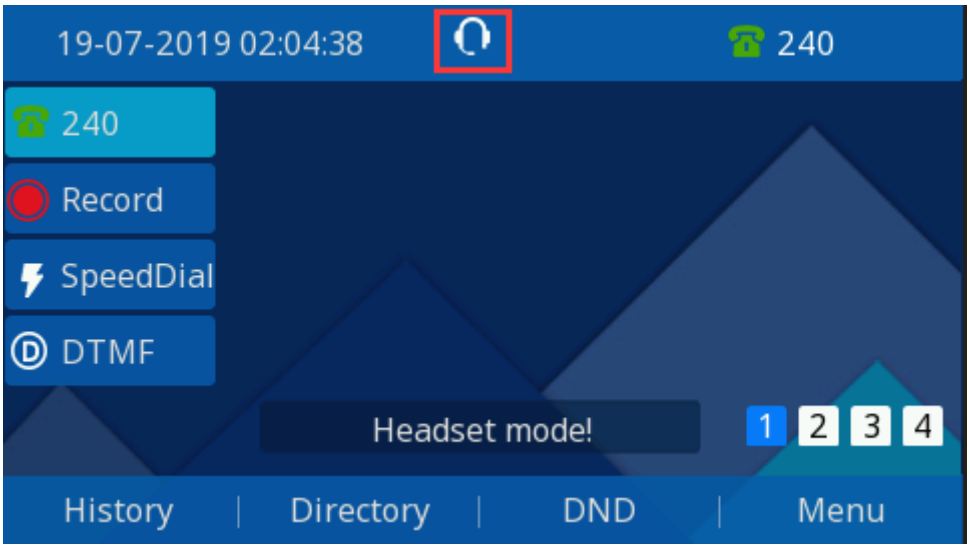


3. Click the “SaveSet” button to save the configuration

To enable the headset mode:

1. Press the headset key on phone’s during the idle status when you accomplish the above-mentioned configuration.

2. Headset icon will display on phone status bar.

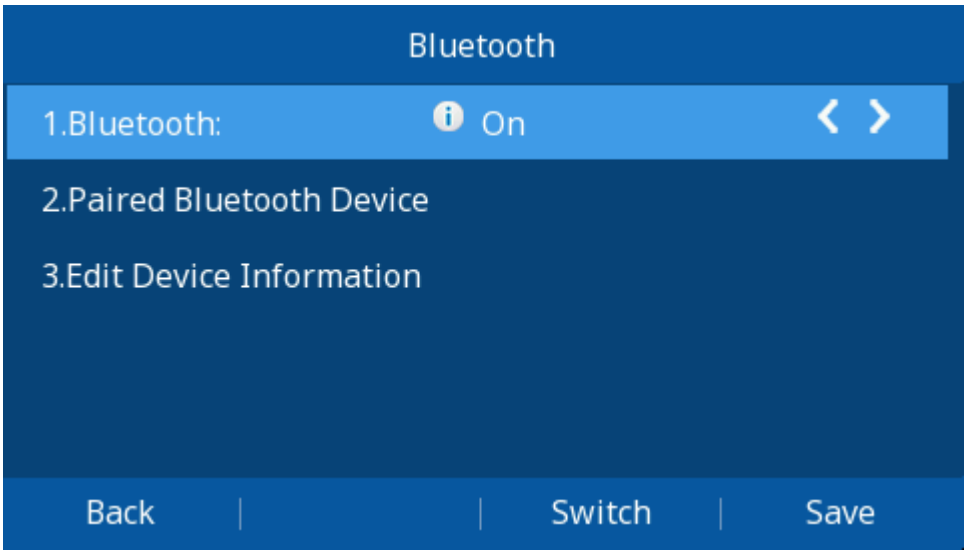


How to Activate Bluetooth?

To activate Bluetooth via Phone interface:

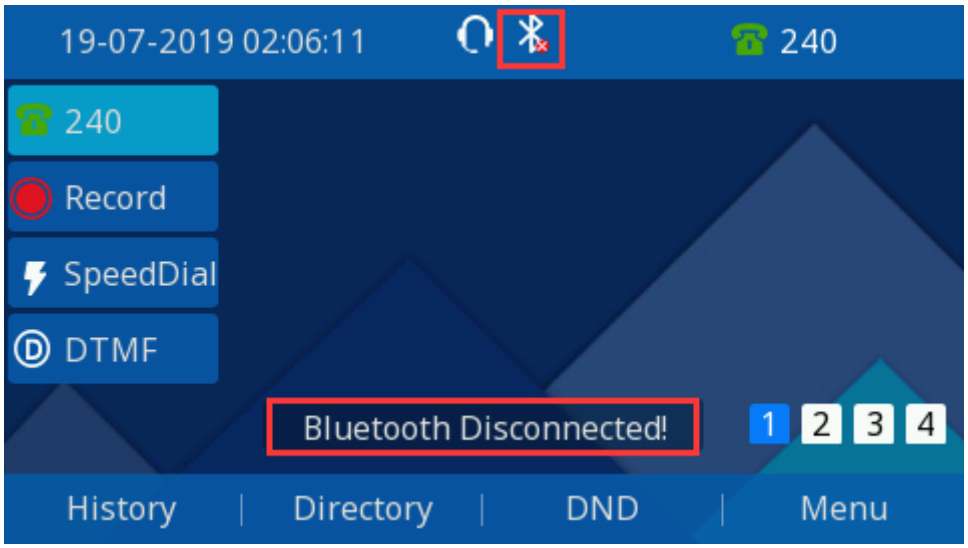
1. Find Menu then navigate as follows:

Menu→ Settings→ Basic Setting→ Bluetooth:



2. Press the save button to save the configuration

3. You will see the Bluetooth icon on phone's homepage status bar during the idle status. (This icon means that phone has no pair the Bluetooth device)



How to Pair the Bluetooth Headset to the Phone?

Open the Bluetooth pairing mode on Bluetooth headset:

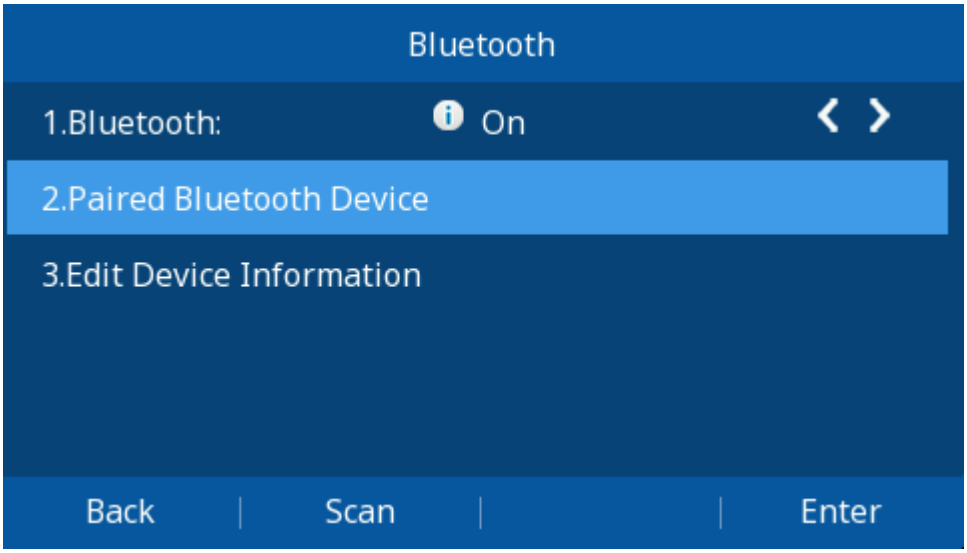
1. Turn on the Bluetooth headset.

2. Long press the multifunction key on the Bluetooth headset until the indicator LED alternately flashes red and blue.

The Bluetooth headset is in pairing mode.

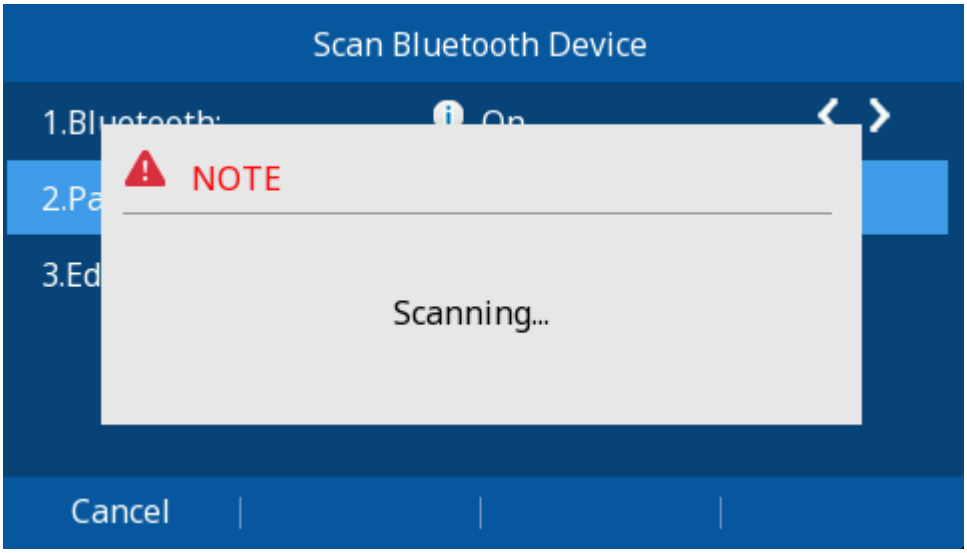
How to scan the Bluetooth headset device on phone interface:

1. Select "Paired Bluetooth Device". Press the "Scan" button on phone interface:

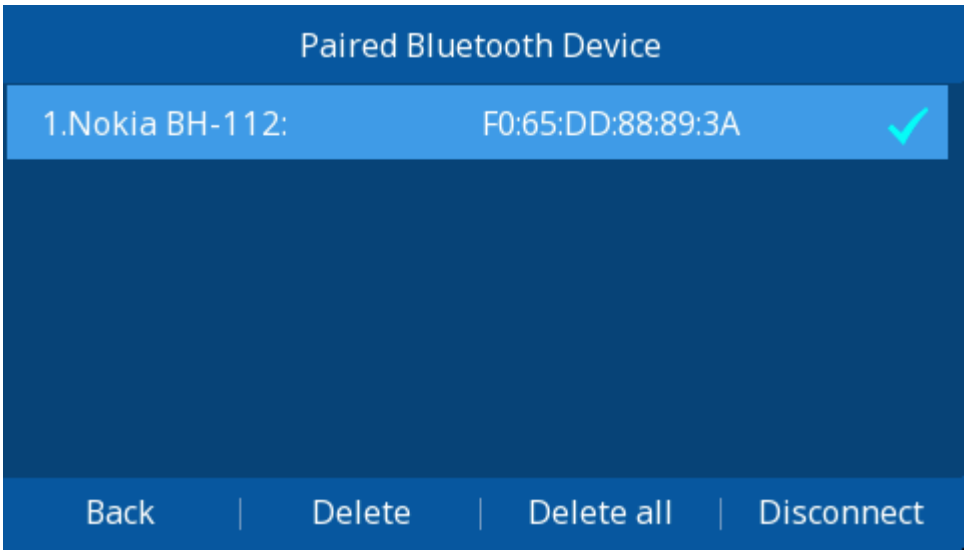


2. The phone will enter the scan interface.

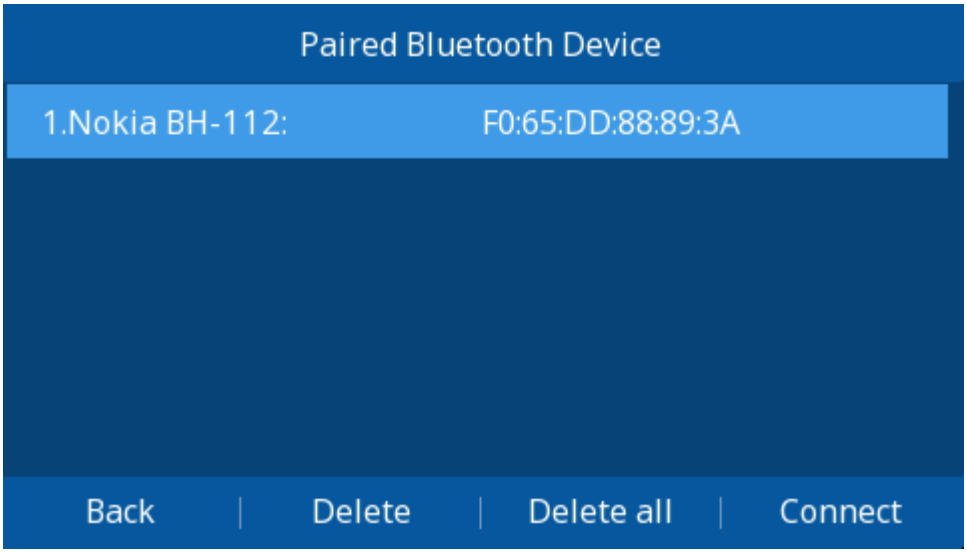
   The phone starts searching for Bluetooth headsets within the working range of 10 meters (32 feet).

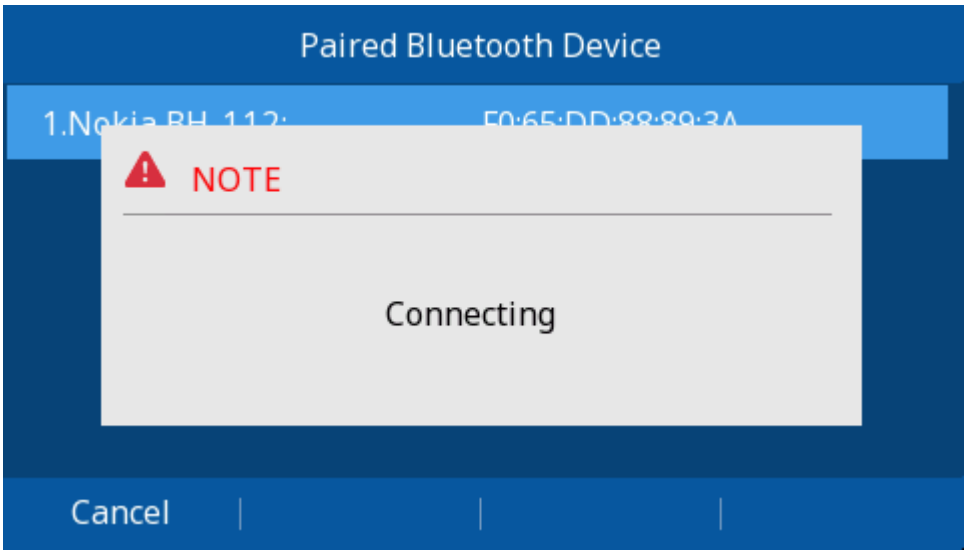


3. All detected Bluetooth headsets will display on the phone:

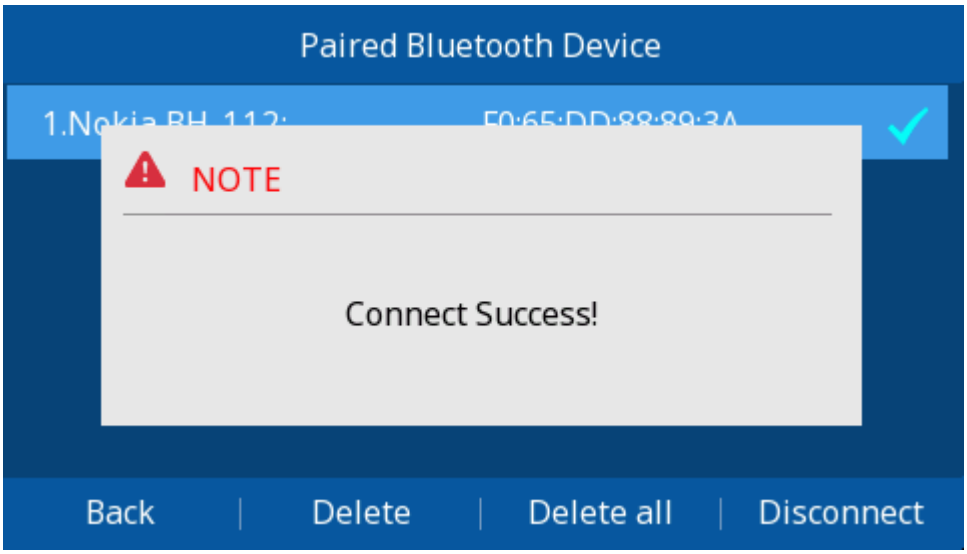


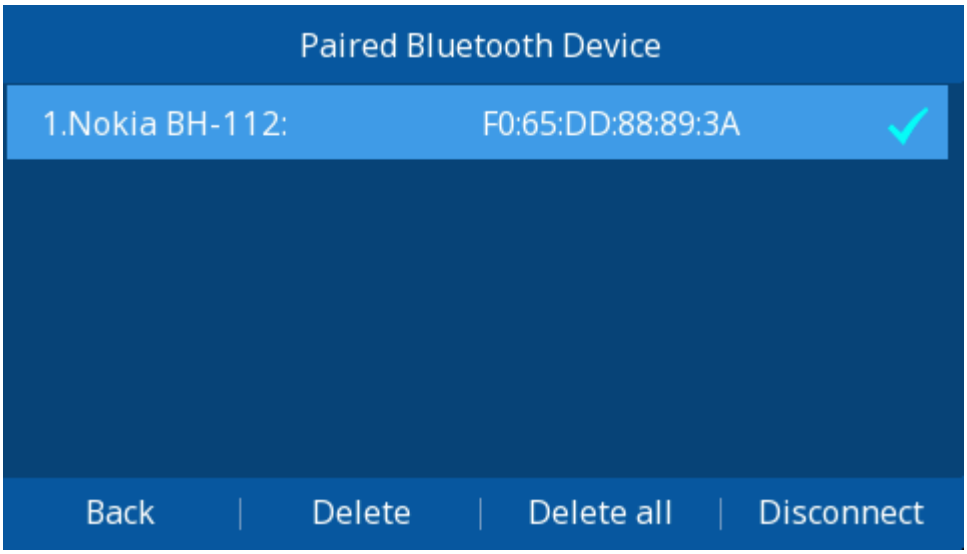
4. Choose the desired Bluetooth Device from the list and connect to it:



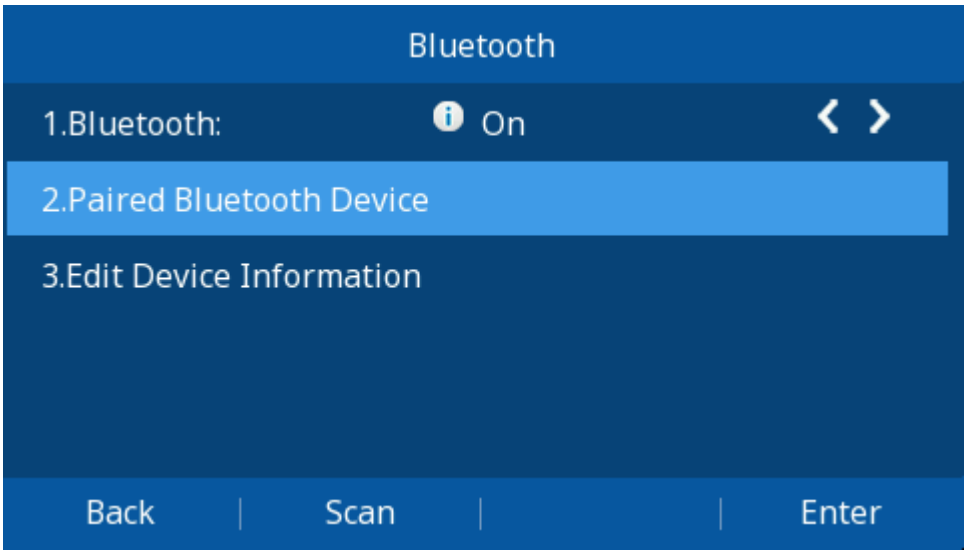


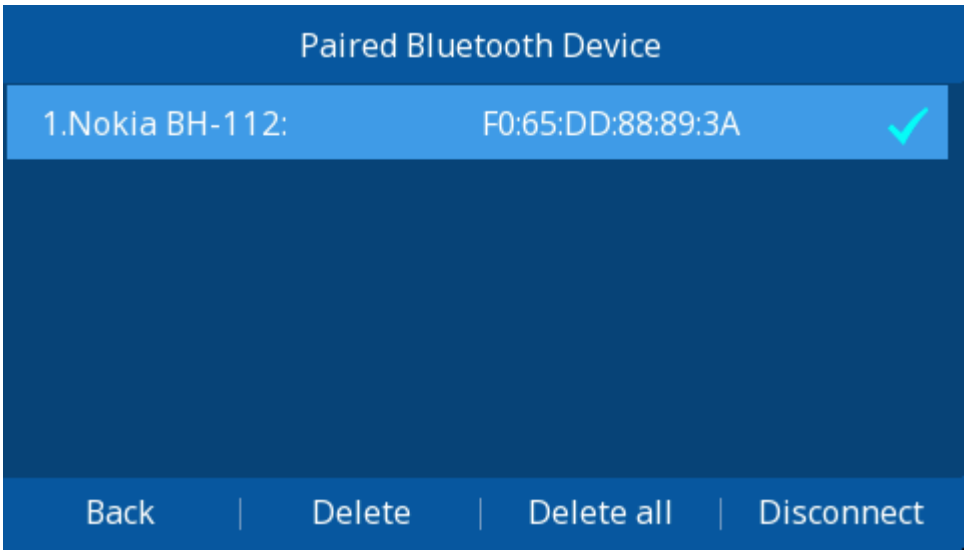
5. If the Bluetooth Device is connected/paired successfully, you will see the “Connect Success!” and connected successfully icon;

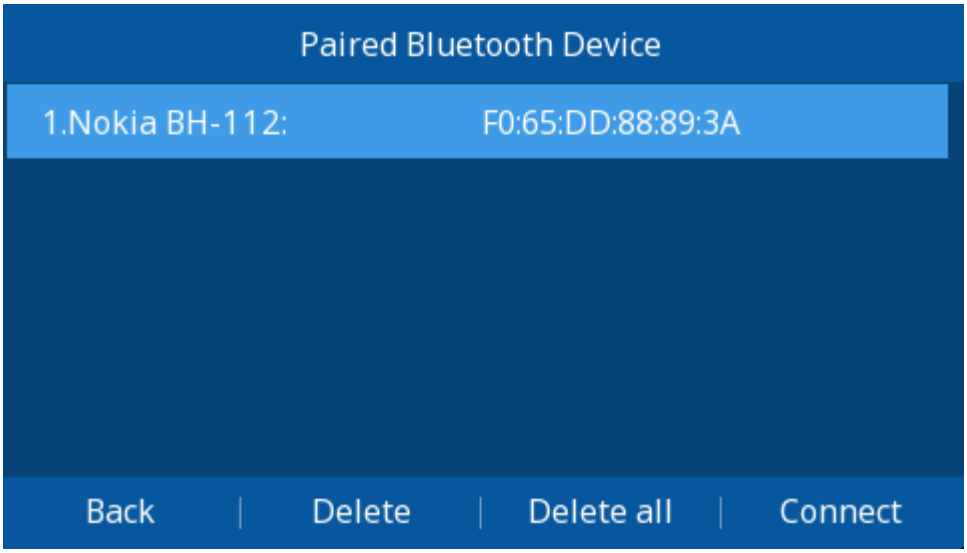




If you want to disconnect with this Bluetooth device, you can press the “Enter” button, then press the “Disconnect” button.

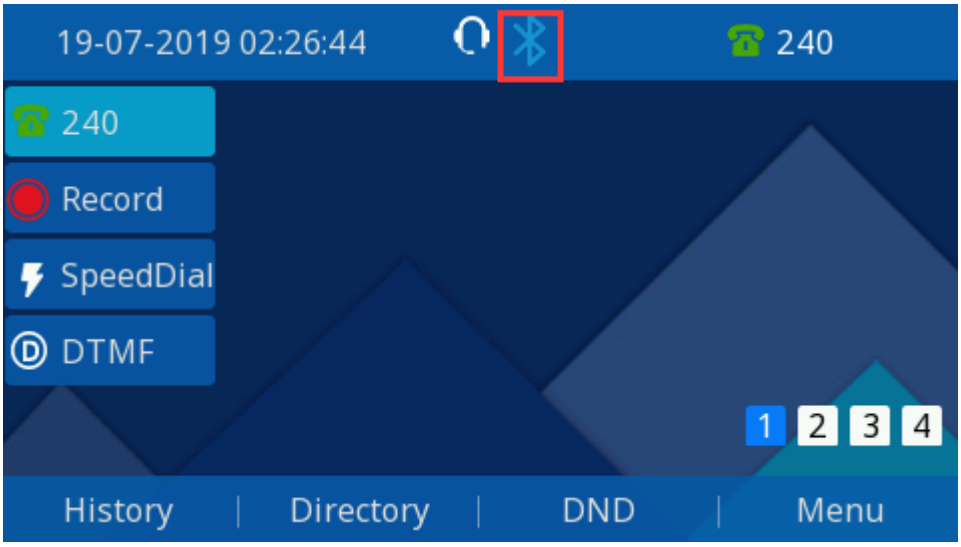






If you want to delete the Bluetooth device, please press the “Delete” or “Delete all” button, then Bluetooth device will be deleted.

6. When you back to idle interface, you will see the connected successfully icon:

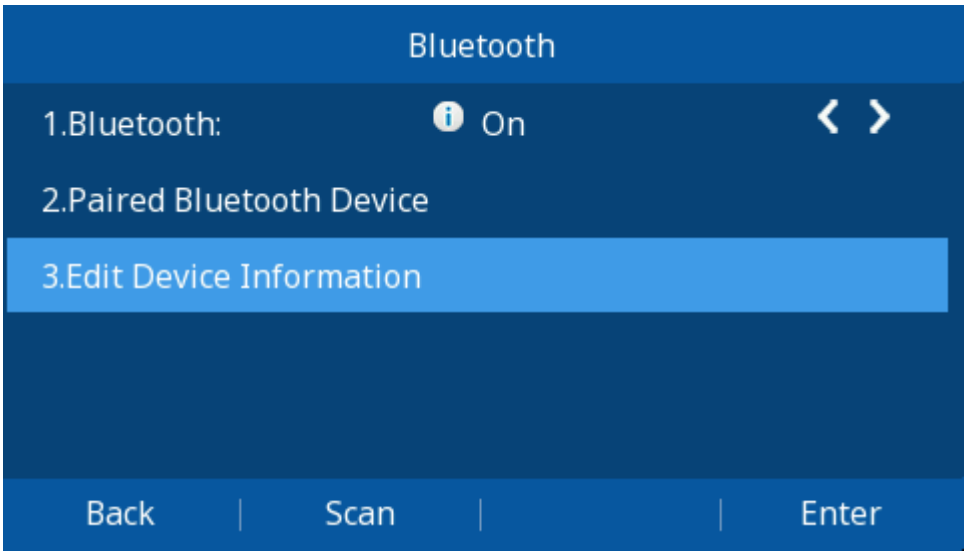


How to edit device information?

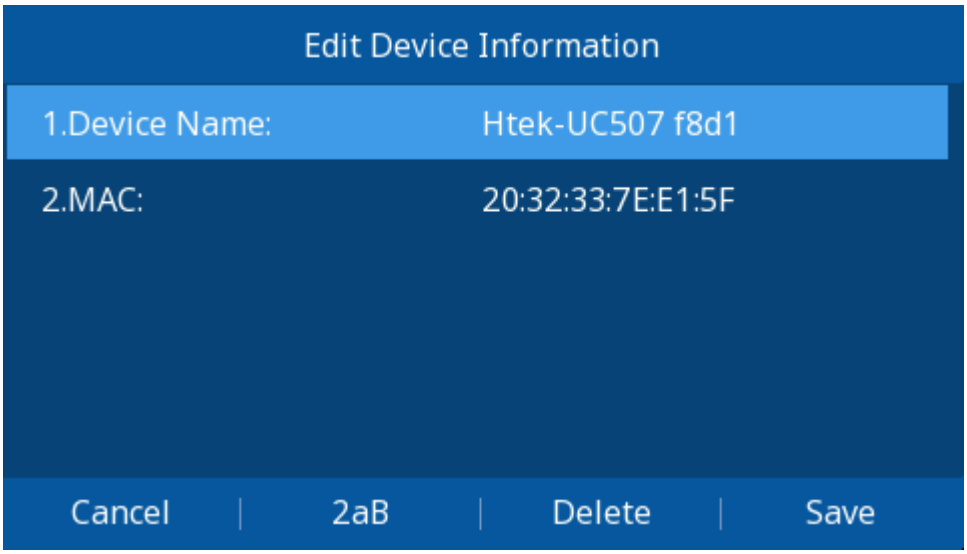
How to edit device information on phone interface:

1. Find Menu then navigate as follows:

Menu→ Settings→ Basic Setting→ Bluetooth: Edit Device Information.



2. Press the enter button, you can edit the Device Name:



Note:

The phone must be in the headphone mode to normally use the Bluetooth function.

Answering Calls

How to answer an incoming call?

With the Bluetooth headset paired, press the multifunction key on the Bluetooth headset to answer an incoming call.

How to adjust the earphone volume during a call?

With the Bluetooth headset paired, you can do the following:

- Press the Volume Up key on the Bluetooth headset to increase the volume.

  Press the Volume Down key on the Bluetooth headset to decrease the volume.

- Press the Volume Up key on the phone to increase the volume.

  Press the Volume Down key on the phone to decrease the volume.

How to Ending Calls?

To end a call: With the Bluetooth headset paired, press the multifunction key on the Bluetooth headset to end a call.

WIFI Feature

Our new model supports the Wi-Fi feature which allows users to experience the flexible deployment. When the Wi-Fi feature is enabled, the IP phone will automatically scan the available wireless networks. All the available wireless networks will display in scanning list on the LCD screen. The Wi-Fi feature can be configured in two different ways: Manual and Provision.

Manual

Wifi can be manually configured by phone, so that users can add Wifi according to their own situation.

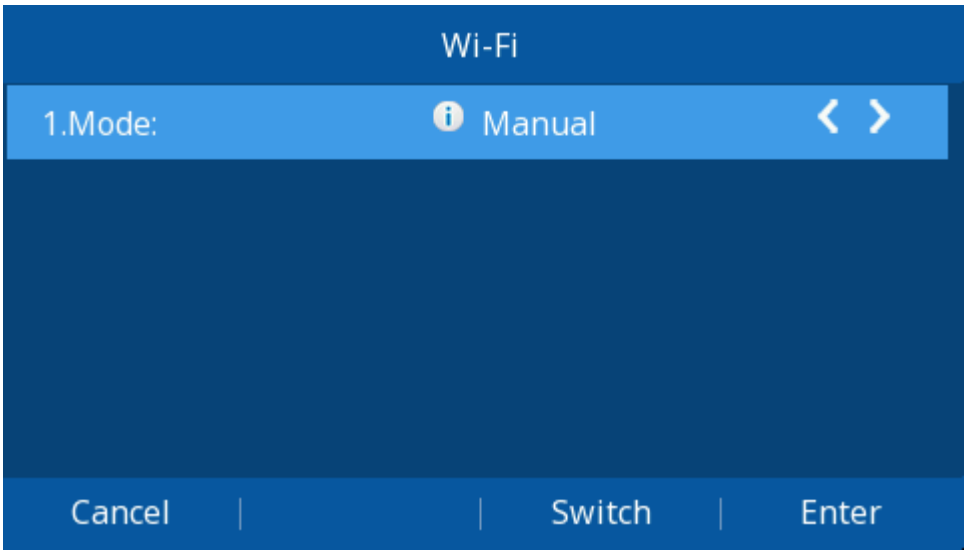
How to Enable Wi-Fi feature?

Enabling Wi-Fi feature via Phone interface:

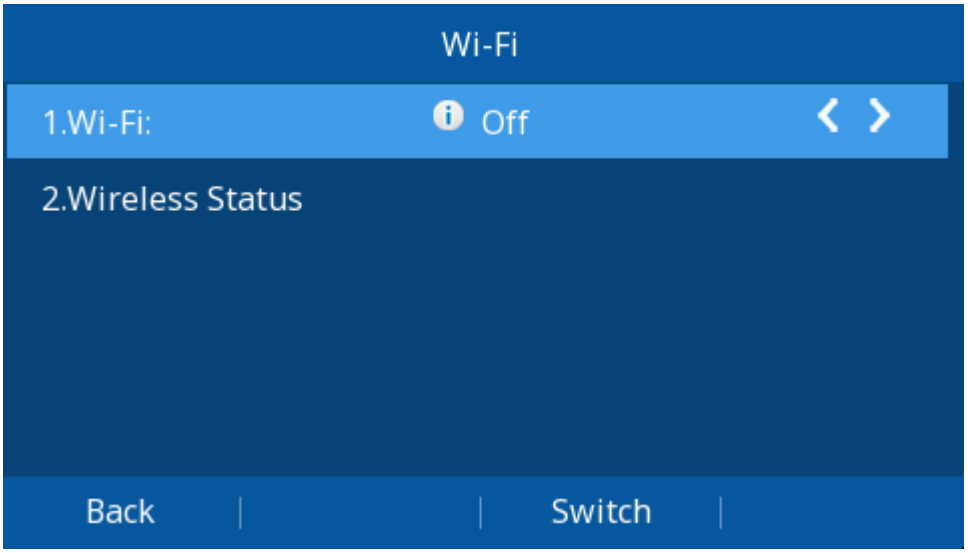
1. Find Menu then navigate as follows

Menu→ Settings→ Basic Setting→ Wi-Fi.

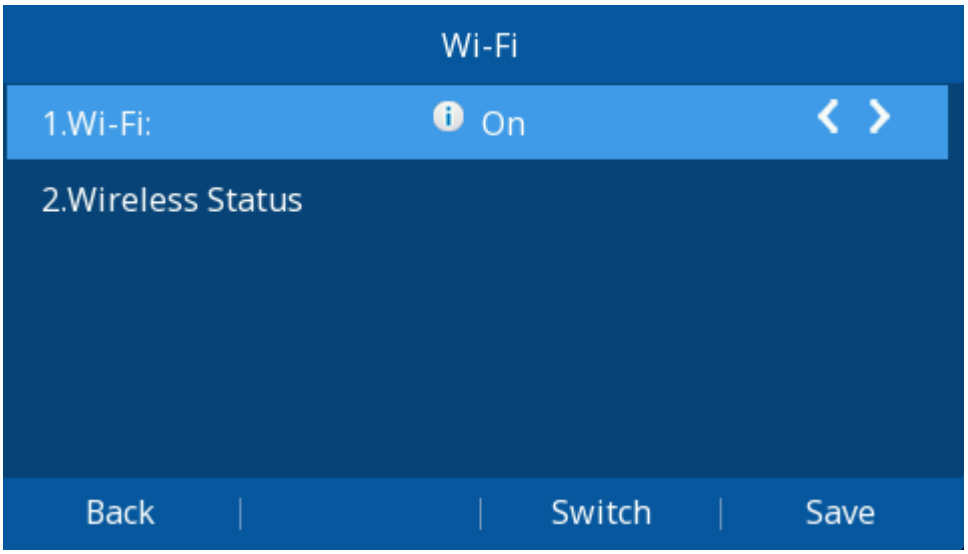
Press the Switch button to switch to the Manual Mode and enter.



2. Press the Switch button to turn on Wi-Fi feature.



3. Press the Save button to save the configuration.

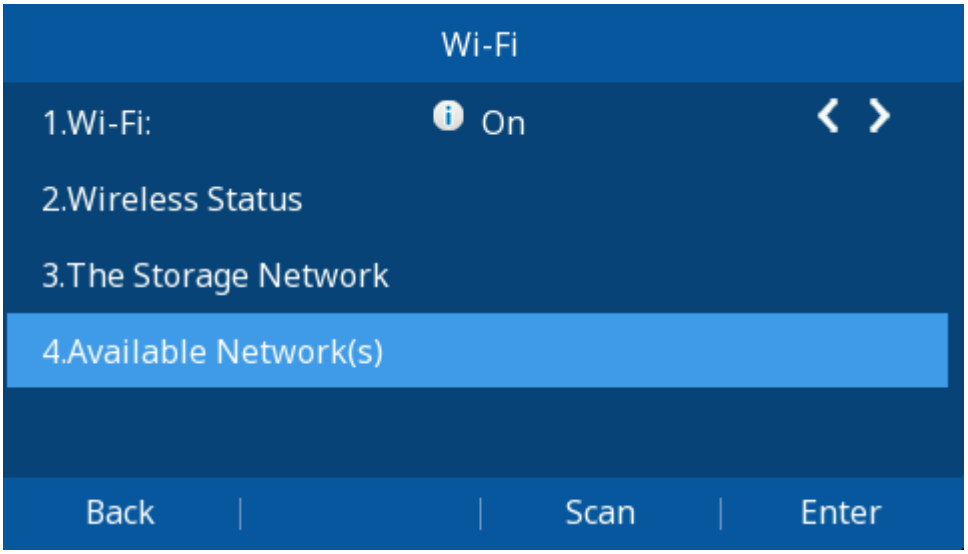


How to Connect the phone to an Available Wireless Network?

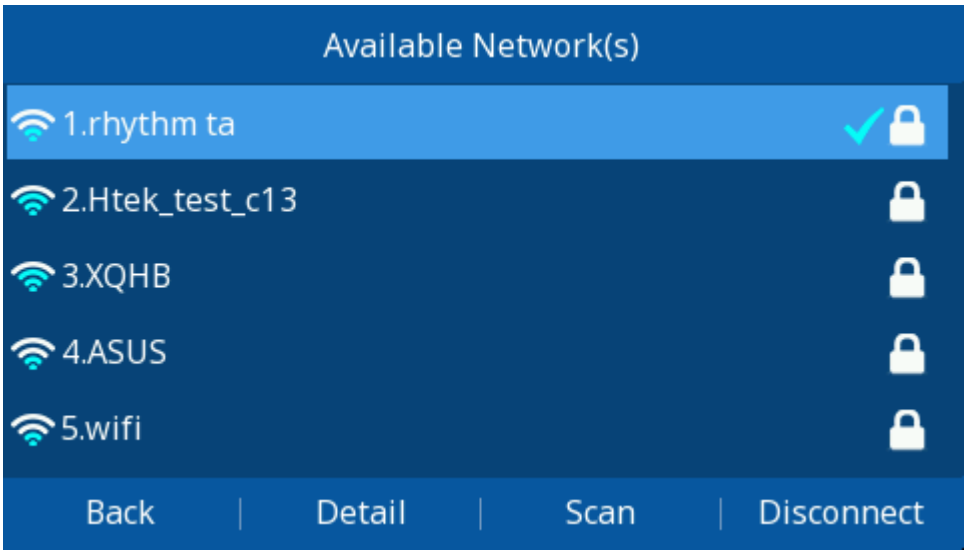
Connect to an available wireless network via Phone interface:

1. Find Menu then navigate as follows

Menu→ Settings→ Basic Setting→ Wi-Fi: Available Network(s)



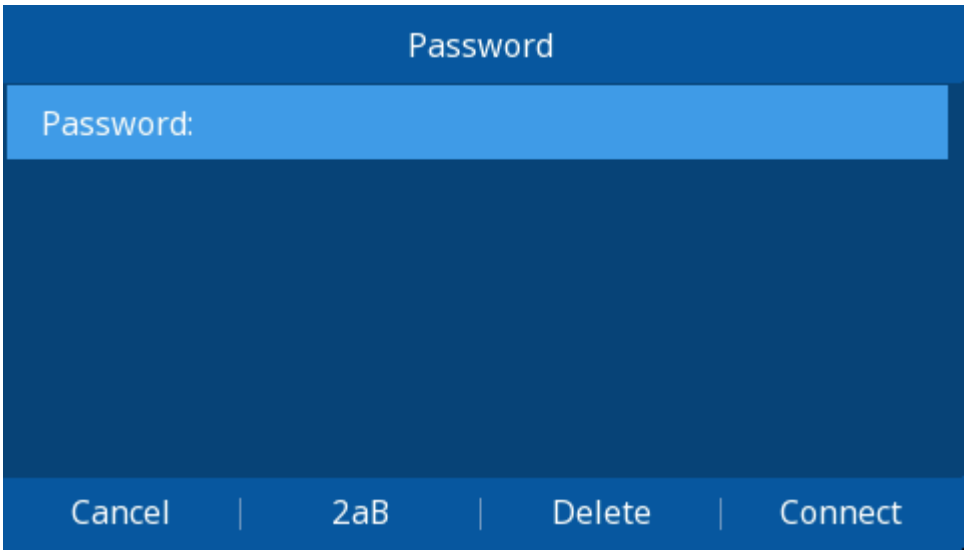
2. Press the Enter button, you will see many available wireless networks:



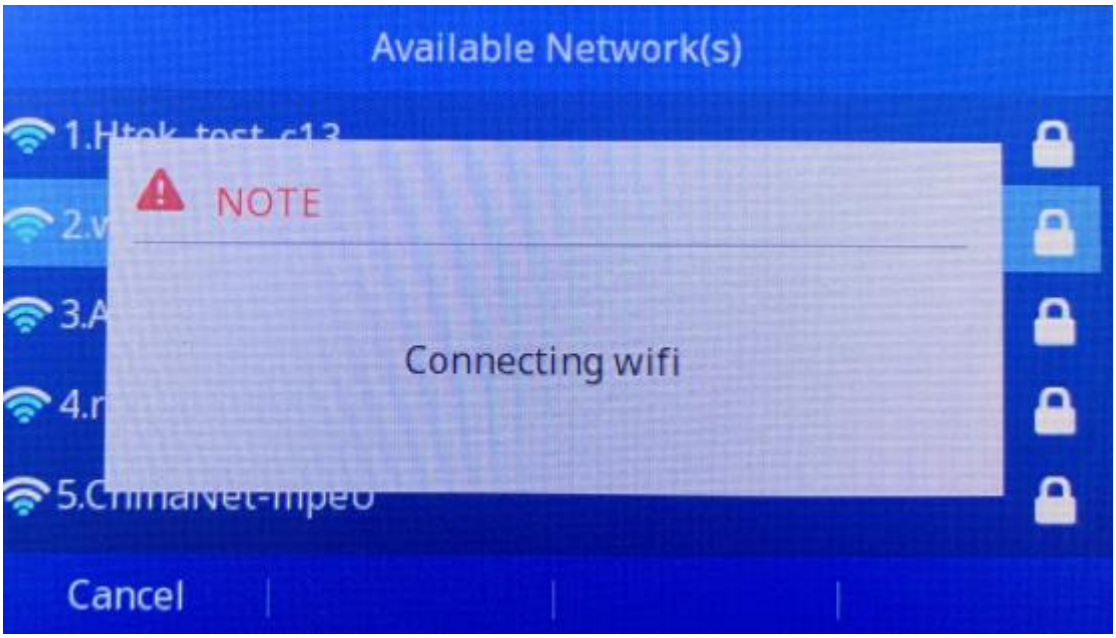
3. You can press the “scan” button to scan the wireless network

4. You can press the “Detail” button to view a wireless network’s detail information.

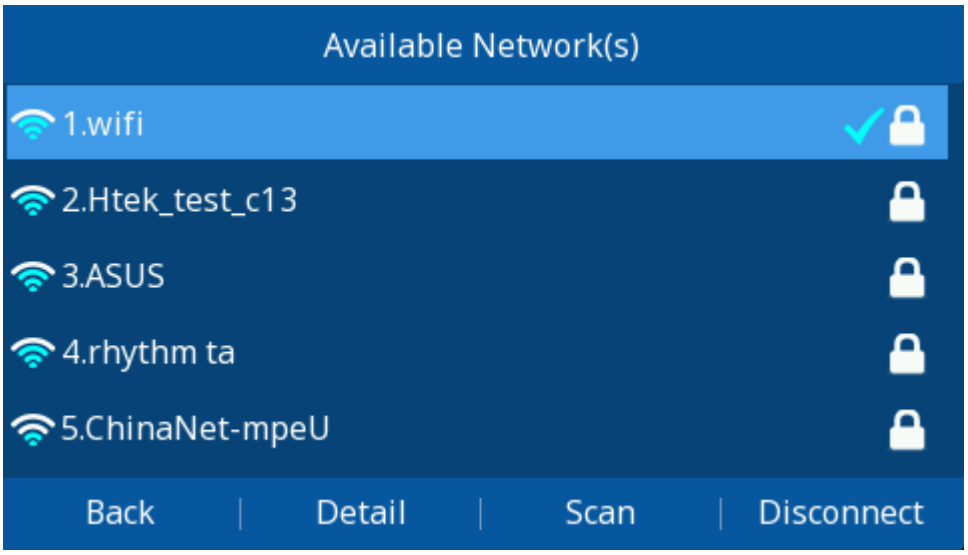
5. Choose desired wireless network and then press the “Connect” button:



6. You must enter the wireless network’s password:



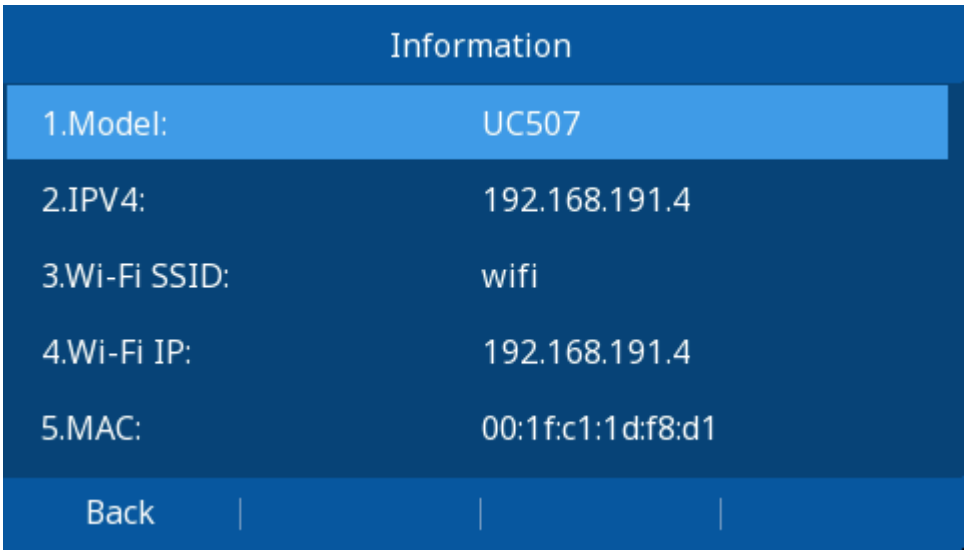
7. If the wireless network's password is correct, the wireless network will connect successfully:



How to view Wireless Network status?

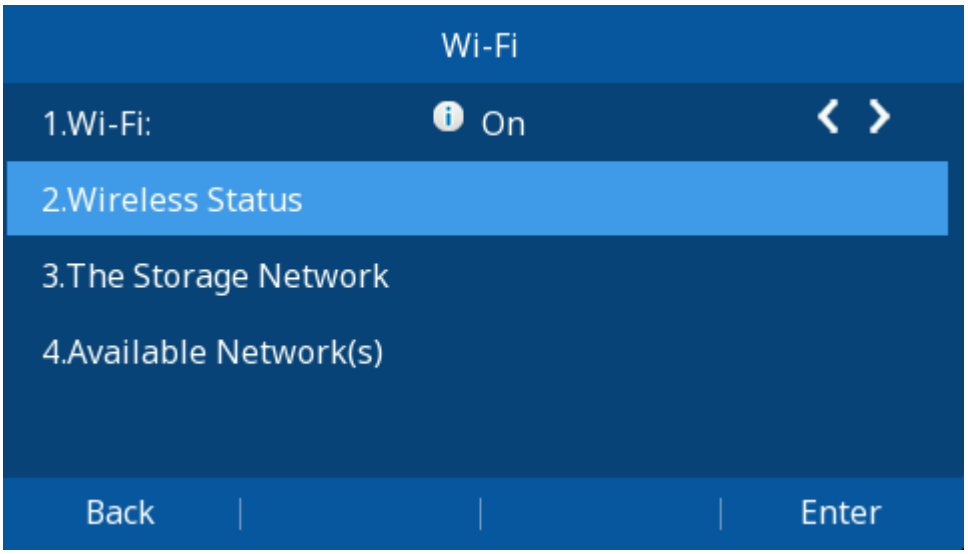
1. You will see the wireless network connected successfully icon when phone connects wireless network successfully and back to idle interface:

2. You can see the wireless network' detail information as follow: Menu→ Status→ Information:



Or as follow:

Menu→ Settings→ Basic Setting→ Wi-Fi: wireless status:

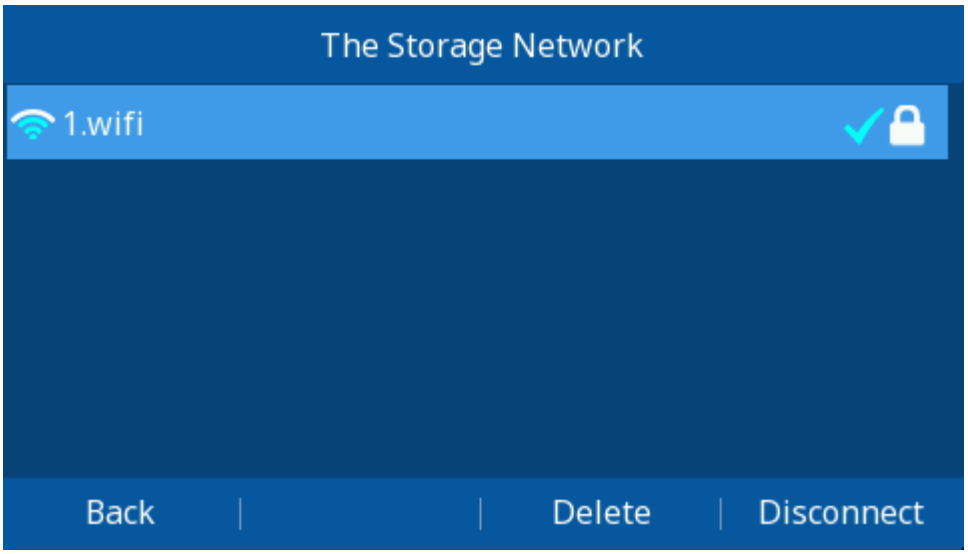


How to Disconnect Wireless Network?

Disconnect wireless network via Phone interface:

1. Find Menu then navigate as follows

   Menu→ Settings→ Basic Setting→ Wi-Fi: The Storage Network:



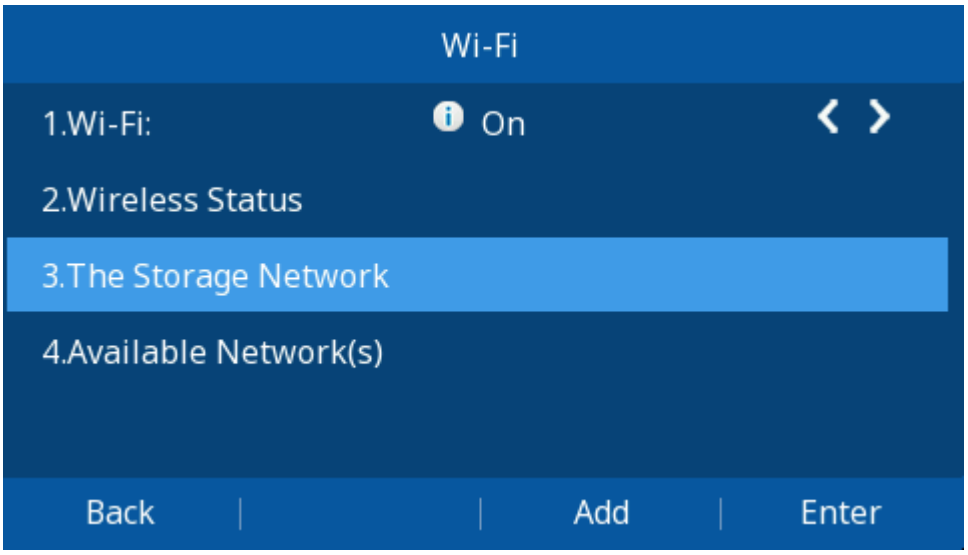
2. Press the “Disconnect” button to disconnect this wireless network:

How to Manually add a Wireless Network?

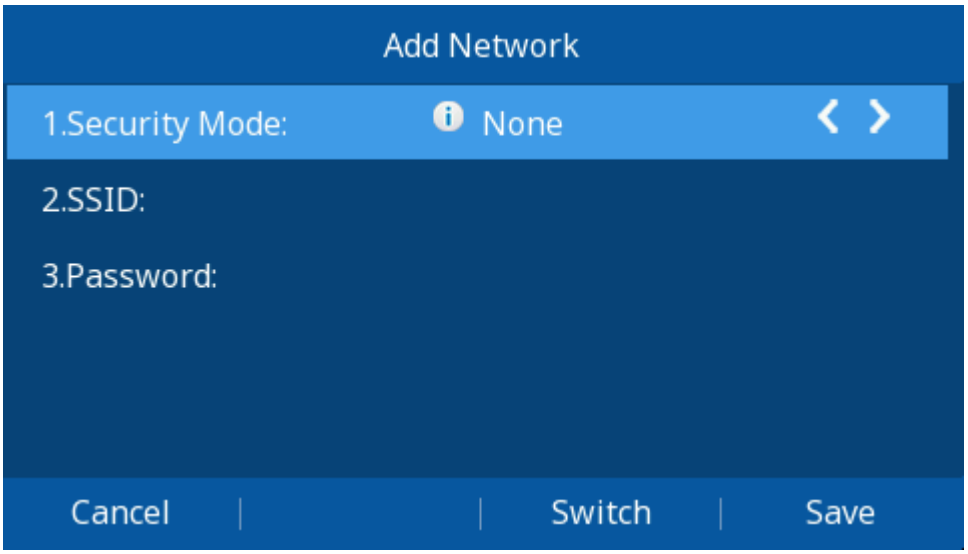
Add a Wireless Network Manually via Phone interface:

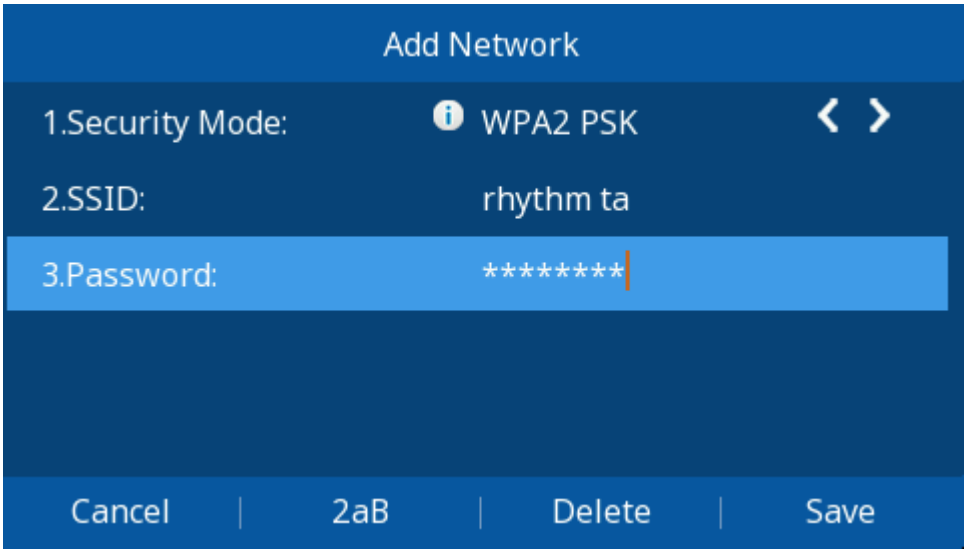
1. Find Menu then navigate as follows

Menu→ Settings→ Basic Setting→ Wi-Fi: The Storage Network:



2. Press the “Add” button to add a wireless network:



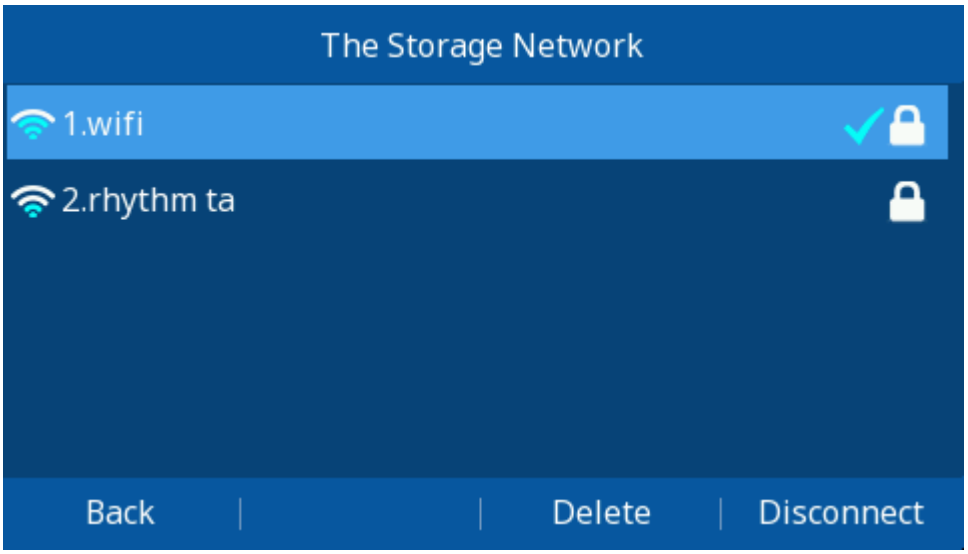


Select a Security Mode

Enter the desired wireless network (SSID)

If the wireless network is secure, please enter its password in the password field.

3. Press the “Save” button to save the configuraion:



You can choose this wireless network to connect it.

Note:

Contact your network administrator for the Wi-Fi password.

How to Disable Wi-Fi feature?

To disable the Wi-Fi feature via Phone interface:

1. Find Menu then navigate as follows

Menu→ Settings→ Basic Setting→ Wi-Fi:

2. Press the Switch button to turn off Wi-Fi feature

3. Press the Save button to save the configuration.

Provision

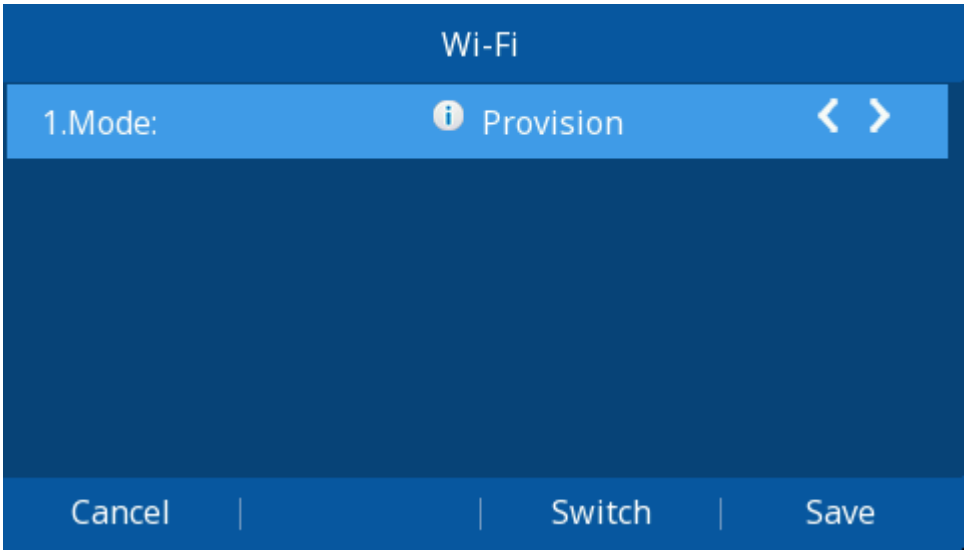
Provision can be assigned to the phone in batches, which can be used in provisioning a large number of IP Phones to access the same Wi-Fi. Provision can be configured using the configuration file or phone.

To configure the Wi-Fi type via Phone interface:

1. Find Menu then navigate as follows

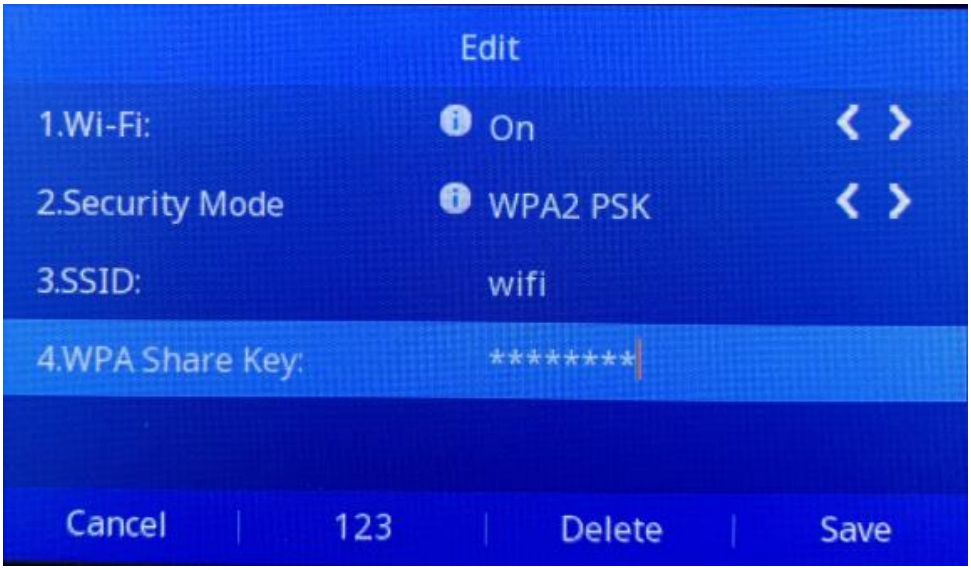
Menu→ Settings→ Basic Setting→ Wi-Fi.

Press the Switch button to switch to the Provision Mode and enter.



2. Press and or press Switch button to turn on Wi-Fi feature

3. Select Security Mode→ Enter the SSID value for Wi-Fi→ Enter WPA Share Key value.



Note:

When you connect the Ethernet cable, you can enable the Wi-Fi feature. But you have to disable the Wi-Fi feature if you want to use the wired network. Wi-Fi that is designated by the server will override the user-defined Wi-Fi.

Upgrade

Factory Reset

To set Factory Reset via Phone interface

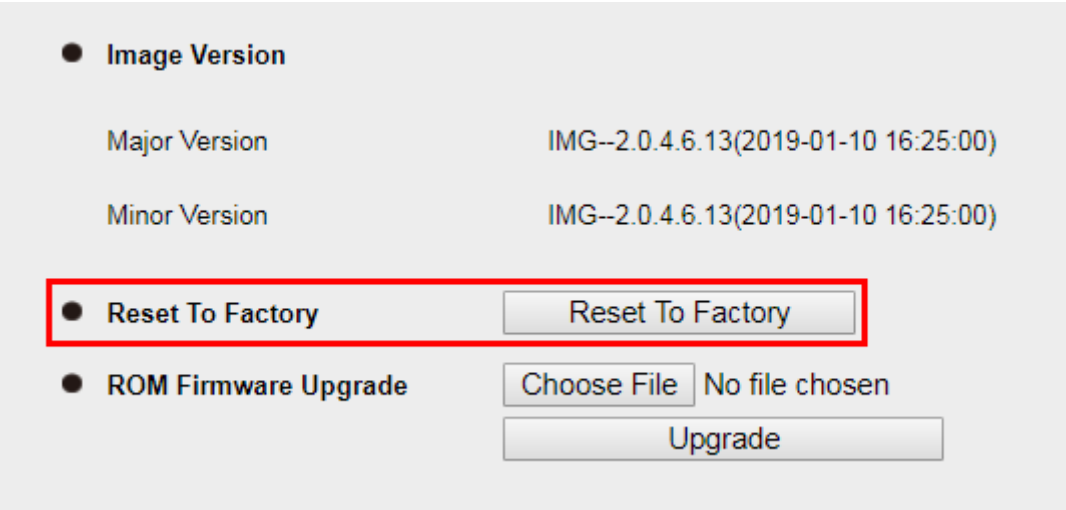
1. Press Menu → Settings → Advanced Setting (default password: **admin**) → Phone Setting → Factory Reset

2. Press OK soft key in the warning page.

To set Factory Reset via Web interface

1. Click Management → Upgrade

2. Click Reset To Factory and then confirm the setting.



Pcap Feature

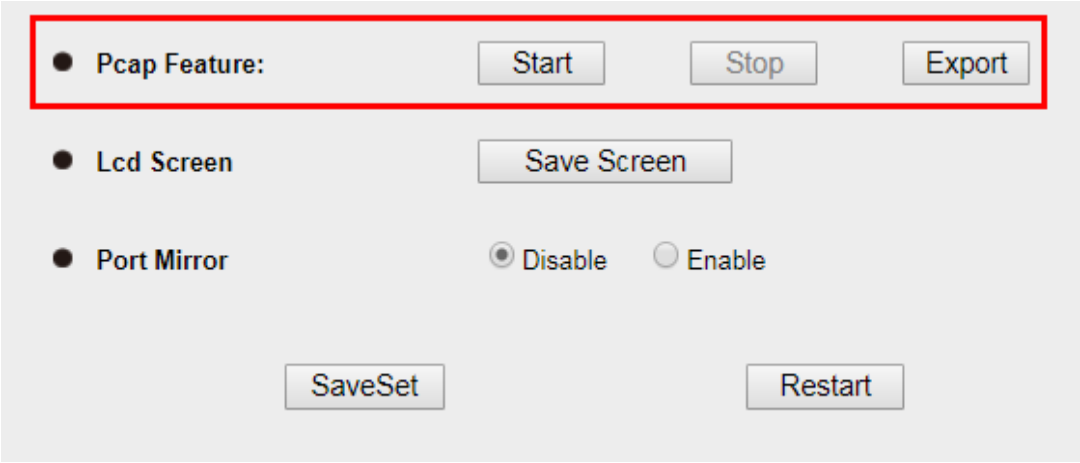
To use pcap via Web interface:

1. Click Management→ Tools

2. Click Start and then operation the phone

3. When finish the operation, click Stop and then click Export.

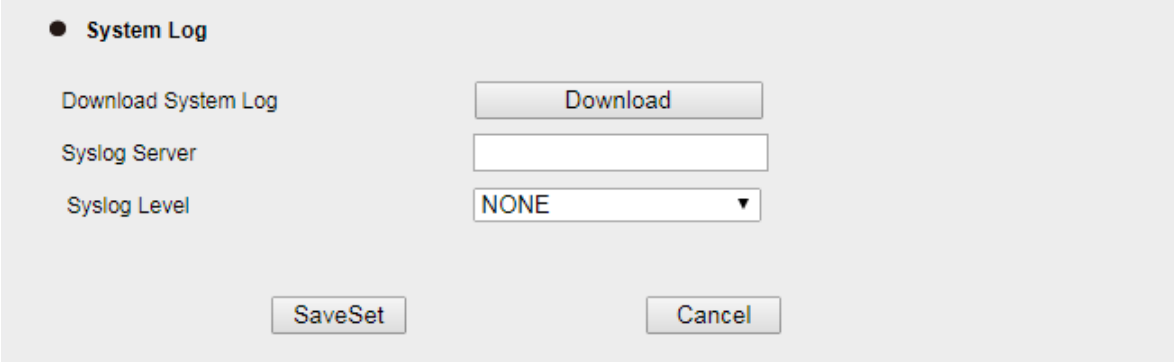
4. Then you'll get the Pacp captures.

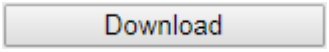


System Log

To download system log via Web interface:

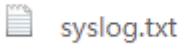
1. Click Management→ Configuration



2. Click 

of the system Log

3. Then you'll get a tgz file: syslog.tgz.



Upgrade

To upgrade via HTTP, the "Management"→ "Auto Provision"→ "Firmware Upgrade"→

“Upgrade Mode” field needs to be set to HTTP, respectively. “Firmware Server Path” needs to be set to a valid URL of a HTTP server, server name can be in either FQDN or IP address format. Here are examples of some valid URL.

e.g. firmware.mycompany.com:5688/

e.g. www.mycompany.com:5688/fm/

e.g. 218.2.83.110

Instructions for firmware upgrade via HTTP:

(1) End users can choose to download the free HTTP server from http://httpd.apache.org/ or use Microsoft IIS web server. Then setup HTTP server.

(2) Unzip the firmware file and put all of them under the *root/fm* directory of the HTTP server.

(3) Visit “http://192.168.0.254/fm/fw520M.rom” on localhost by browser to verify the HTTP Server. If visiting “http://192.168.0.254/fm/fw520M.rom” on another computer and it is not prompted to download fw520M.rom file on this computer, please check if the firewall is on or off (Suggest you turn off the firewall).

To configure the server path via Web interface:

1. Click Management→ Auto provision:

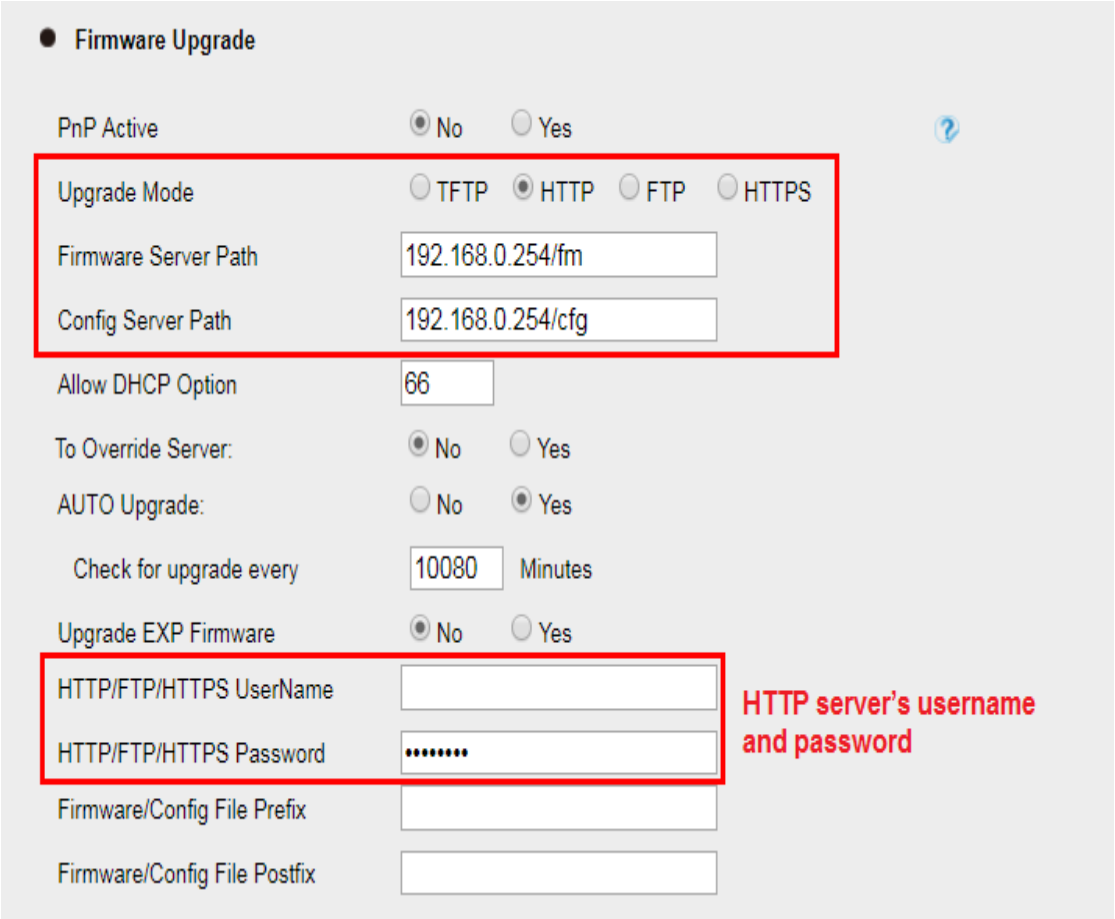
2. Select the upgrade mode in the Upgrade Mode field

3. Enter the Firmware Server Path and Config Server Path (192.168.0.254 is HTTP server).

4. Enter the HTTP server’s username and password (optional).

5. Click the SaveSet button to save the configuration.

6. Restart the UC507, IP Phone will restart and auto-get firmware files from HTTP server.



NOTES:

- We recommend to maintain their own TFTP/HTTP/FTP/HTTPS server for upgrade and provisioning procedures.
- Once a "Firmware Server Path" is set, user needs to update the settings and restart the IP Phone. If the configured firmware server is found and a new code image is available, the UC507 will attempt to retrieve the new image files by downloading them into the UC507's SDRAM. During this stage, the UC507's LEDs will blink fast until the checking/downloading process is completed. Upon verification of checksum, the new code image will then be saved into the Flash. If TFTP/HTTP/FTP/HTTPS fails for any reason (e.g. TFTP/HTTP/FTP/HTTPS server is not responding, there are no code image files available for upgrade, or checksum test fails, etc), the UC507 will stop the TFTP/HTTP/FTP/HTTPS process and simply boot using the existing code image in the flash.
- Firmware upgrade may take as long as 3 to 8 minutes over Internet, or just 1 minutes if it is performed on a LAN. It is recommended to conduct firmware

upgrade in a controlled LAN environment if possible. For users who do not have a local firmware upgrade server.

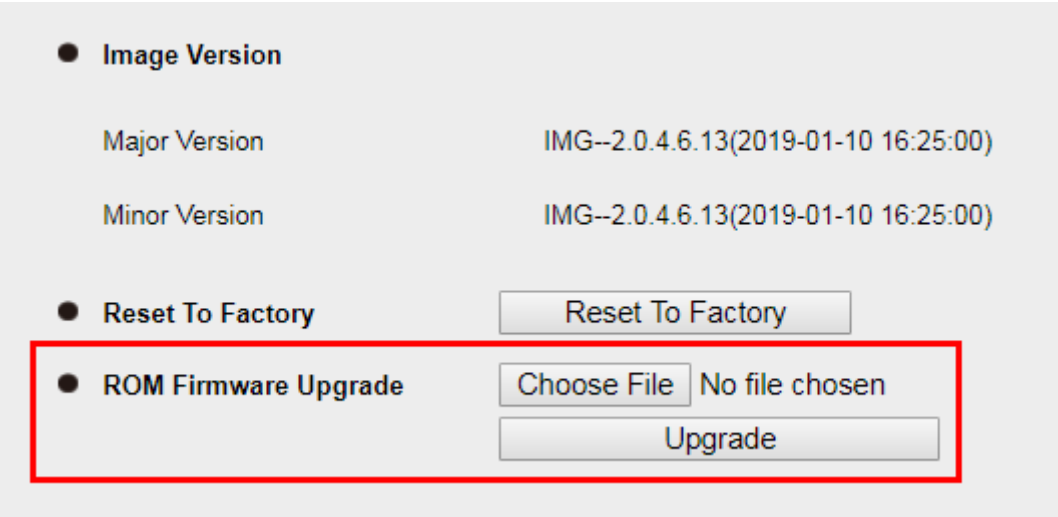
- For the latest firmware,please contact your provider.
- Oversea users are strongly recommended to download the binary files and upgrade firmware locally in a controlled LAN environment.

To upgrade manually via the Web configuration interface

1. Click Management → Upgrade

2. Click [Choose file] or the blank.

3. Select the firmware (fw507.rom) and then click [Upgrade].

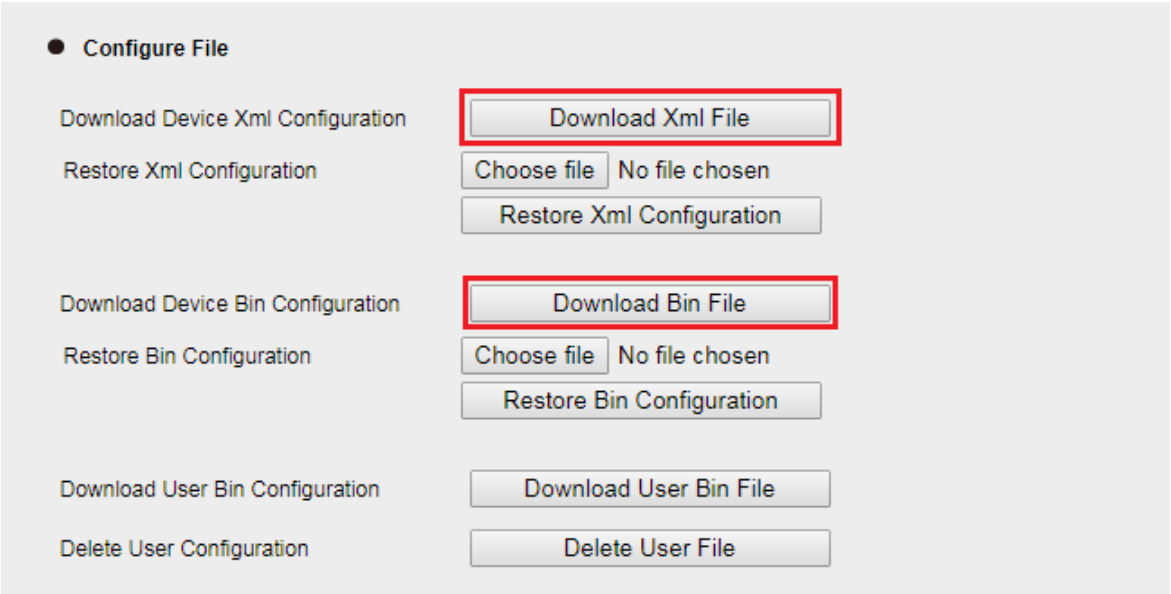


Configuration File

To download configuration file

1. Click Management → Configuration →Configure File

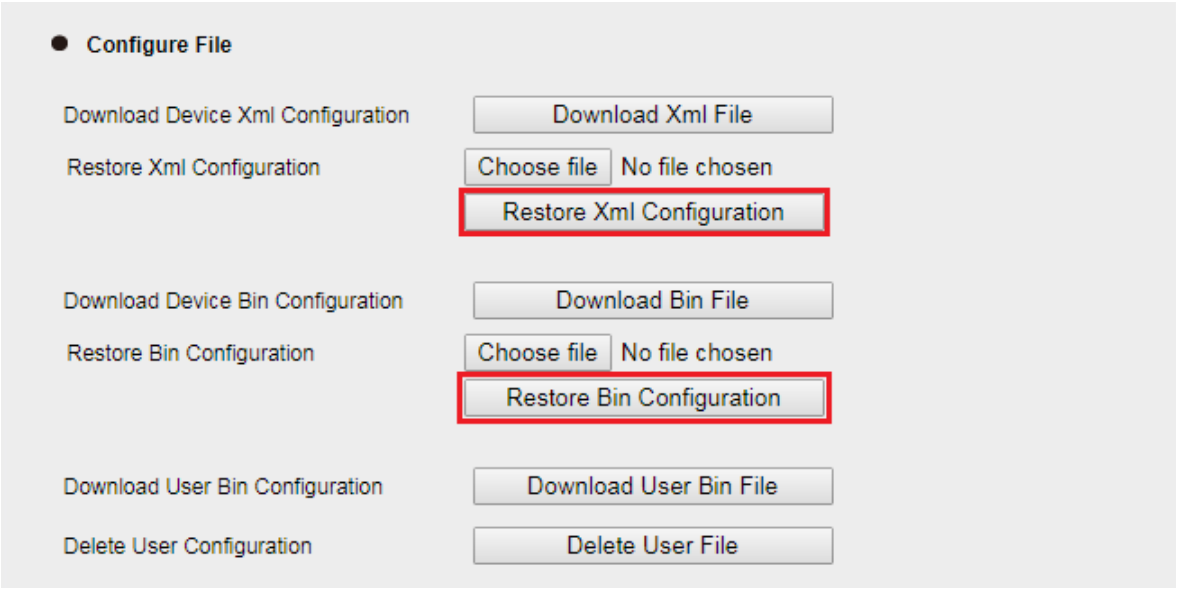
2. Click the [Download Xml File] or [Download Bin File], then you can get a file: cfg.bin or cfg.xml



To Restore a configuration file

1. Click Management → Configuration →Configure File

2. Select the xxx.bin or xxx.xml file, and then Click the Restore Xml Configuration or Restore Bin Configuration, then IP Phone will reboot.



Troubleshooting

Why is the phone LCD screen blank?

- Ensure your phone is properly plugged into a functional AC outlet.
- If the phone is plugged into a power strip, try plugging it directly into a wall outlet instead.
- If your phone is powered from PoE, ensure you use a PoE compliant switch or hub, or contact your system administrator for more information.
- Check if the power LED is on to ensure that the phone is powered on.

When the phone display “Network Unavailable”?

To resolve:

- Ensure that the Ethernet cable is plugged into the right port on the phone and the Ethernet cable is not loose.
- Ensure that the switch or hub in your network is functioning well.
- If the problem still persists, Contact your system administrator for more information.

When you can’t I get a dial tone?

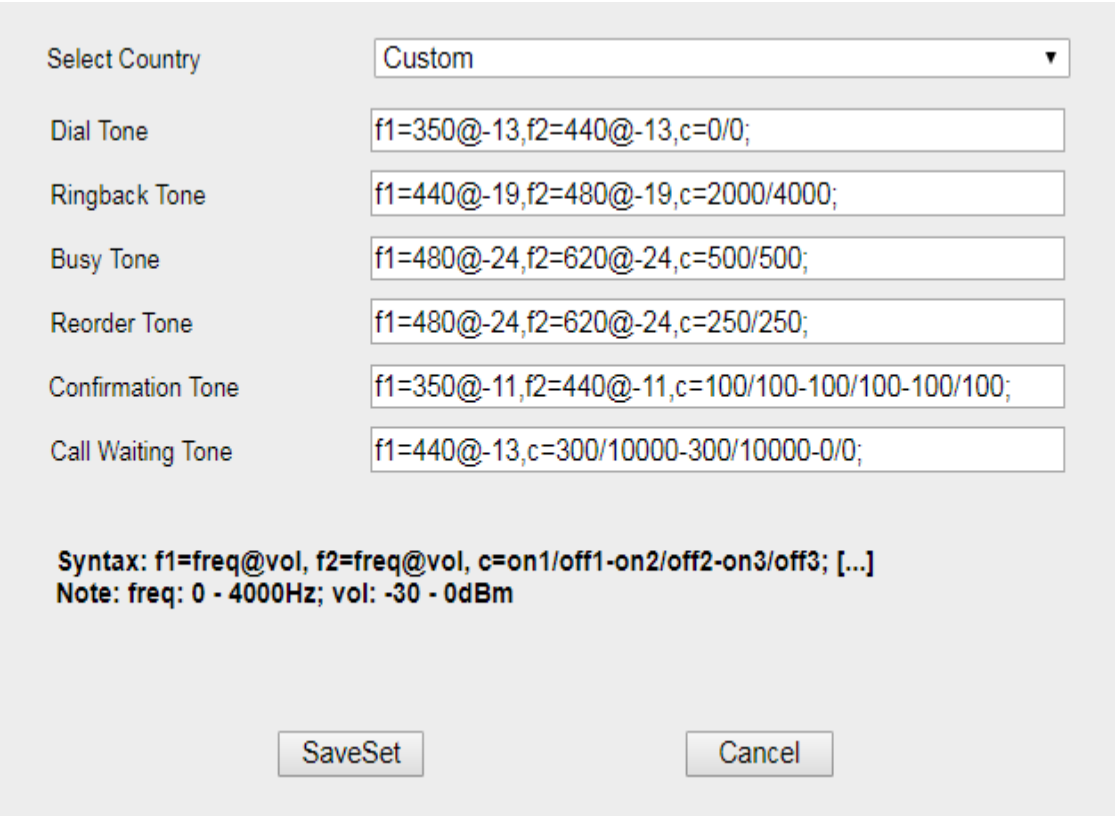
To resolve:

- Check for any loose connections and that the phone has been installed properly. For the Installation instructions, refer to the phone installation section.
- Check whether dial tone is present on one of the audio modes.
- Switch between the Handset, Headset (if you have) or Hands-Free Speakerphone to check whether dial tone is present for one of the audio modes.
- If the dial tone exists on another audio mode, connect a different handset or headset to isolate the problem.

Where to set the tone?

You can set the tone on web interface:

- Click Setting→ Tones
- Define the dial tone, ringing, busy tone…
- For the tones, you can check with your system administrator.
- For More Click Configure Ring Tones



Why can't the phone detect the Bluetooth headset?

- Ensure the Bluetooth headset is turned on.
- Ensure the Bluetooth headset is in pairing mode, when the phone is searching for Bluetooth headsets.

Why there is a noise in the Bluetooth headset?

- Check the battery level. If the battery level is low, charge the Bluetooth headset.
- Ensure the Bluetooth headset and the phone are within the working range of 10 meters (32 feet) and there is no obvious interference (walls, doors, etc.) between them.

Why the Bluetooth headset cannot be off-hook?

- Bluetooth headset industry rules is not possible to achieve off-hook, but the Bluetooth headset can be achieved to answer the phone, double-click the answer key to call back, hang up the phone and other operations

Why can't the IP phone connect to Wi-Fi?

- If the network is secure, ensure the entered password is right.
- Ensure your gateway/router enables the wireless network feature.
- Reboot your gateway/router.
- Turn off the Wi-Fi feature on the IP phone and then turn it on again.

Why is the wireless signal strength low?

- Ensure the IP phone and your gateway/router are within the working range and there is no obvious interference (walls, doors, etc) between them.

How to download XML Configuration?

- Click Management→ Configuration→ Download Xml File

How to Import Trusted CA certificate?

- Click Management→ Trusted CA

Index	Issued TO	Issued By	Expiration	Delete
1				☐
2				☐
3				☐
4				☐
5				☐
6				☐
7				☐
8				☐
9				☐
10				☐
				Delete

Import Trusted Certificate Files: Choose File No file chosen

Import Trusted Certificates

Only Accept Trusted Certificates: ○ On ◉ Off

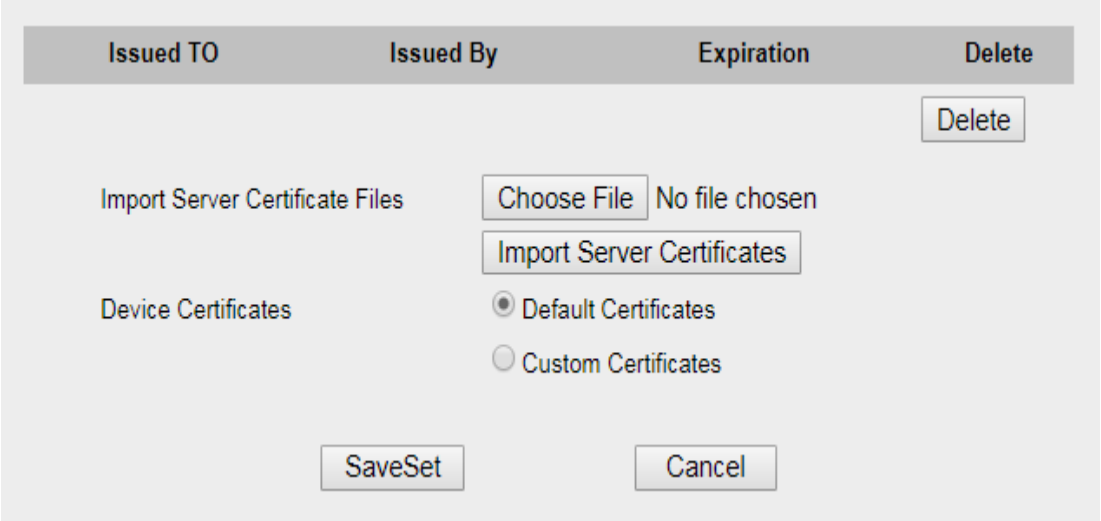
Common Name Validation: ○ On ◉ Off

Trusted Certificates: ◉ Default Certificates ○ Custom Certificates ○ All Certificates

SaveSet Cancel

How to Import Server CA certificate?

- Click Management→ Server CA



How to use Vlan?

- For Vlan information, please click VLAN

How to use LLDP?

- For LLDP information, please click VLAN
- VLAN Notes including:

  1. Voice VLAN
  2. Major Benefits of Using VLANs
  3. VLAN discovery method on ip phones
  4. LLDP Feature on IP Phones
  5. Supported TLVS of IP Phones
  6. Configuring LLDP Feature
  7. DHCP VLAN

8. Open the DHCP VLAN on the IP Phones

9. VLAN under Bridge Mode

10. VLAN underNAT Mode