Android IP Video Phone D900 User Manual

Safety Notices

Please read the following safety notices before installing or using this phone. They are crucial for the safe and reliable operation of the device.

● Please use the external power supply that is included in the package. Other power supplies may cause damage to the phone, affect the behavior or induce noise.

● Before using the external power supply in the package, please check with home power voltage. Inaccurate power voltage may cause fire and damage.

● Please do not damage the power cord. If power cord or plug is impaired, do not use it, it may cause fire or electric shock.

● The plug-socket combination must be accessible at all times because it serves as the main disconnecting device.

● Do not drop, knock or shake it. Rough handling can break internal circuit boards.

● Do not install the device in places where there is direct sunlight. Also do not put the device on carpets or cushions. It may cause fire or breakdown.

● Avoid exposure the phone to high temperature, below $0℃$ or high humidity. Avoid wetting the unit with any liquid.

● Do not attempt to open it. Non-expert handling of the device could damage it. Consult your authorized dealer for help, or else it may cause fire, electric shock and breakdown.

- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean it. Wipe it with a soft cloth that has been slightly dampened in a mild soap and water solution.

- When lightning, do not touch power plug or phone line, it may cause an electric shock.

- Do not install this phone in an ill-ventilated place.

- You are in a situation that could cause bodily injury. Before you work on any equipment, be aware of the hazards involved with electrical circuitry and be familiar with standard practices for preventing accidents.

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Introduction

Android IP Video Phone D800 Overview

With Attachment

Item	Function
Power Adapter	Power supply for telephone.
Network Cable	Used to access network for the phone.
Handset	Make phone calls with the phone's basic functions.
Handset Line	Connected with the Handset and the phone.

Phone component descriptions

Phone elements icon

Key	Function
	Search key. Tap the key and you can enter the search interface.
	Option key. You can browse and accomplish all functions of the phone through pressing this key.
	Return key. Press this button in the detailed interface, it will return to the previous interface; If it is pressed in the application program interface, the current program will be closed.
	Home key. Press this key, the phone will return to the idle screen.

	Volume control key. Turn down or turn up all kinds of volume by pressing these two keys.
	Mute key. In the call mode, press this key in calling mode, you can hear the other side, and the other side cannot hear you; press this button again to leave this mode. When the phone call is ringing, press this button to turn off the ring tips.
OK	Confirm key.
Delete	Delete key.
R/Send	R/Send key. Use the key to dial the last call number. It also could be used to make a phone call by sending a phone number.
	Navigation key.
Menu	Menu key.
Phone book	Phone book. Tap to enter the contacts interface.
Call Log	Call log. Tap to see call logs.
Headset	Headset key.
	Digital keyboard.
	The hands-free key.

The Installation of backplane

Installing the Backplane icon

- **Set the telephone in horizontal**

The back plate is horizontally placed in the telephone at the bottom, and makes the phone and joint part of the two screws tightened, right now its steady level placed on the desktop.

Interface introduction

Interface illustration picture 1

	Name	Meaning
 （Left first）	SD Card interface	Connect SD Card for saving data.
 （Left second）	DC　Power Interface	Input: 220V AC Output: 12V DC
 （Left third）	LAN Network interface	Specification RJ45, connect it computer.
 （Right third）	WAN Internet interface	Specification RJ45, connect it to network.
 (Right second）	PSTN Normal phone interface	Specification RJ11, connect the general public telephone network.(Not avaliable)
 （Right first）	Handset interface	Specification RJ9, used to connect the Handset to the phone.

Interface illustration picture 2

	Name	Meaning
 (Left)	USB interface.	Connect it to USB disk.
 (Center)	Headset interface.	Connect the Headset.
 (Right)	HDMI interface.	Interface for high-definition audio and video. A-A interface, A to A interface.

 • **Note:**

1. Put the handset line into the handset interface according to the interface illustration picture 1.

2. Install the backplane to the bottom of the phone with any of the above two methods.

3. Plug the power adapter into the DC port; poke the other side of the power adapter into an electric socket.

4. Insert one end of RJ45 network cable into the phone's WAN port (Please refer to the interface illustration picture 1) and put the other end into the network equipment. After that, if the network connection status on the status bar is displayed as , actions such as making some telephone calls and surfing the internet could be done. If the network connection status on the status bar is displayed as , please verify whether the network was configured correctly and the network cable was plugged in correctly.

Touch Screen Description

You can touch the screen manually to complete the corresponding operation. Here are three ways to use:
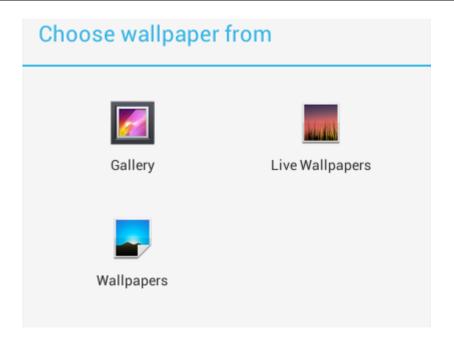
Click: Any icon or button can be clicked to realize its function.

Long press:

- Long press the standby will pop-up choice wallpaper desktop option box, you can according to the prompt to change the wallpaper.

    Figure:

Slide:

Slide your finger on the screen upward or downward slowly to move the interface on the screen.

On some kinds of screen such as idle desktop, you can switch the desktop just by moving your fingers on the screen to left or right. Dragging your finger to slide will not select or activate anything on the screen.

You can just wait or gently press any place of the screen to stop the sliding after your finger rapidly sliding on the screen. Gently pressing or touching to stop the scrolling will not select or activate anything on the screen.

Update of the phone

Please contact with service provider to get the new version to upgrade.

Strongly recommended:

1）Before the upgrade the new version, please send personal data backup to mobile devices, to prevent accidental loss.

2）Once the upgrade process, please do not power blackout, equipment may not be able to start.

Auto provision: Keep phone registered successfully and configure parameters about automatic updates such as server address, upgrade file name, time interval and so on. And then the phone will check for updates from the server at a fixed time intervals and upgrade itself. See the specific automatically upgrade instructions, please switch to Update.

Manual upgrade---- USB: Will upgrade package in U disk and inserted the U disk into the USB interface (the content of the need to be updated).Before the phone restart, at the same time hold down the "handfree sets" and "headset button", then insert the power supply and will enter the unit at this time to Recovery mode, you can see under the Recovery operation menu, shown below：

Through the hard on the keyboard "navigation button", "backspace", "enter", to operate on the Recovery menu.
Select "apply update from udisk" or "apply update from external storage" (SD card), enter the subdirectory and select the upgrade packages, click on "OK" key to start upgrade .After the success of the upgrade, there will be prompt on interface, the user can immediately return to the main menu select "reboot system now " to restart the system to start using the new version.
Notes: In some cases after upgrading, in order to avoid new and old version data of incompatible problems, needs to remove user data and system cache (the so-called double wiper) whether you need specific clear, please refer to the Release Note.

Web Update :

Input the phone's IP on the web;

Input the username and password to phone's web;

Enter "MAINTENANCE"—"UPDATE";

Click the button "Browser"to select the image on your PC and click the button "Update";

Waiting, the system will be update success.
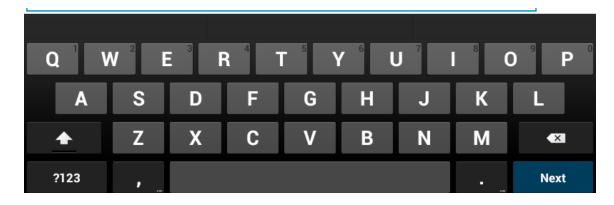
Basic Function

Screen Keyboard

If you need to input, click on the input box. A screen keyboard will automatically be displayed. (Every input method has its own unique screen keyboard).For instance:

Name

Next

Press the "return key" to close the screen keyboard after finishing the input.

Input Text:

1. Tap the text field.

2. Tap the screen keys on the keyboard.

Type in capital letters	Shift key ⇧ , tapping shift key can switch the uppercase and lowercase.
Delete character	Delete character, tab ⌫ key to delete a character, if you want to delete many characters, tap this icon for a long time.
Type in digital, punctuation and symbols	Tap ?123 key to switch to digital, punctuation and symbols input interface.
Space	Space symbol.
Enter	Enter symbol, tap this key to switch to next line.

Status Bar

All of the status information about Android IP Video Phone D900 is displayed on the top of the screen. You can click on the notification icon in the left of the status bar or drag down the drop-down list with your fingers to enter the notification panel to further review and deal with all of the information.

Note:The right icon of the status bar can't be drag, just the left can.

Status bar	Meaning
The right icon of the status bar	
Handset mode	Indicates that the phone is in the handset mode.
Headset mode	Indicates that the phone is in the headset mode.
Silent mode	Shows that the phone is in silent mode. This mode can be canceled by directly clicking the mute button when the screen is in the idle interface.

	Hands-free mode	Indicates that the call is in hands-free status.
	Alarm clock	If you set an alarm clock, the alarm clock icon will display on the status bar.
The left icon of the status bar		
	Network status (successful)	Displays that the network connection is successful. Tap the icon directly into the network settings.
	Network status (failed)	Shows that the network connected failed. You need to check the network is properly connected and the parameters are configured correctly.
	SD card	Displays that the phone successfully identifies the USB device. Tap the icon directly to switch into the USB application wizard.
	Missed calls	Shows that there are several missed calls. You can click on the icon directly to switch into the call log.
	Open the DND	Shows that the phone is on "Do Not Disturb" mode. Any of the call could be directly rejected before it's ring interface appears. There is only a missed call icon leaving in the status bar.
	Call forward	Shows that the call forward function is opened.
	Auto answer	Shows that the auto answer function is

		opened.
	Black list	If a phone number is added to the firewall, then open the firewall function, all calls about this phone number could be rejected directly.
	New record	Indicates that there are several new unread phone recordings.

Main Screen

Android IP Video Phone D900 will go directly to the main screen after rebooting.

The main screen contains five idle interfaces. Each one can display some programs shortcuts. You can switch the desktop just by moving your fingers on the screen to left or right.

Default Screen:

The idle interface

The icon at the upper left of the idle interface is the phone status icon. It can display some status including network connection status and the registration status of each line in time.

Click the "Application" icon, and then it will jump to the following interface.

You can slide your fingers on this interface to glance over all of the applications. You can click on some program icons to open the corresponding application program.

The application program interface

If you want to delete application shortcuts on the idle interface, you can long press the shortcut, and then put it into the dustbin at the bottom of the interface. (**Note**: Let it go just as the icon and the dustbin turned red as is shown at the following picture.)

The Application of Android IP Video

Phone D900's Function:

Phone	Click this icon, and it will switch to pre-dial interface. You can make some phone calls through the screen or keyboard.
Email	Has the function of sending and receiving e-mail. When an account has been configured successfully, you can send and receive your e-mail on the phone and this account will automatically sync the contacts to the mailbox account.
Settings	It contains System, Network, Account, Call, Display and so on. You can configure some settings.
Calculator	Work with simple calculation operations such as add, subtract, multiply, divide and some advanced operations.

Note pad	Record a number of important events or you can record information such as phone number when press the "Note pad" during a call.
Contacts	Support functions such as search, add, remove and edit.
Browser	You can surf the internet through this browser as convenient as a computer.
Recorder	Provide call recording and the ordinary recording.
Alarm Clock	You can set your own time and the alarm will remind you at your appointed time.
Android settings	It contains the Call settings, Basic settings,Advanced settings, VOIP and so on, you can configure some settings in the corresponding menu.(Android system settings)
Gallery	View photos stored on the phone, or through the USB storage device storing photos or videos, you can enter the photo gallery for dynamic playing.
File Manager	You can easily manage the files.
Camera	Through the camera you can take High-definition pictures and make other operations.
	Like the mobile phone, with messages to write, read and send function.
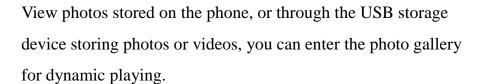
	Message
Music	Music player. It can play music in various formats.
MWI	All calls will be transferred into voice mail when the MWI is enabled.
Calendar	Enter into the calendar and you can view the accurate date.
Call log	Enter the call log and you can view all call records. You can also view the "Incoming Calls", "Outgoing Calls" and "Missed Calls" records by pressing the Option key.
Import and Export Management	Have export contacts, add blacklists and outgoing call barring functions.
Movie studio	Through pictures, videos, sounds to make your own DIY film.
Function Keys	Customize a variety of shortcut keys.
Search	Can search for local applications, contacts, etc., and network retrieval.
PPPOE	Connect pppoe.

Download	Can be displayed through the website to download the application or file.

Desktop Widgets

Operation steps:

Long press the idle screen and the list named "Add to Home Screen" will appear. Tap the "Widgets" and then choose the widgets you want to display on the desktop. It is easy to quick operate which saves the time and look beautiful.

Power indicator：	It can control the power light to turn on or turn off. If the power light is turned off, like the first picture. As this time whether making calls or doing other operations, power light is often destroyed. If power light is turned on, like the second picture. As this time when the telephone is called or it has missed calls, the power light will twinkle；when the telephone is calling or in the idle status, the power light have been always light；when the telephone has one call, then another call is ringing, the power light will twinkle. **Idle screen display:**

E-mail	Displays the user's e-mail list, and click to send mail interface （Provided that the registered accounts）
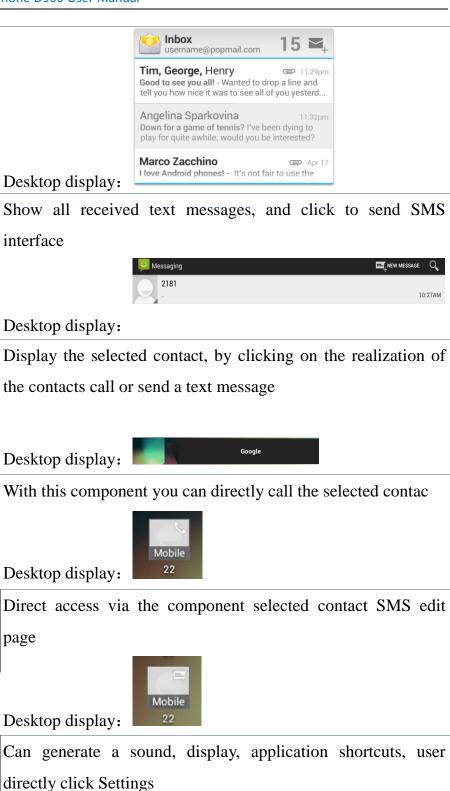
	Desktop display：
SMS	Show all received text messages, and click to send SMS interface Desktop display：
Contact	Display the selected contact, by clicking on the realization of the contacts call or send a text message Desktop display：
Call directly	With this component you can directly call the selected contac Desktop display：
Send text messages directly	Direct access via the component selected contact SMS edit page Desktop display：
Setting Shortcuts	Can generate a sound, display, application shortcuts, user directly click Settings Desktop display：

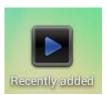|	
Bookmarks	To fast map display browser bookmarks, click on each to enter the corresponding page Desktop display：
Pointer Clock	Analog clock with a dial in the form displayed on the desktop, can be placed anywhere on the desktop, Easy to check the time. Desktop display：
Digital Clock	Digital clock display with white lettering "Time, month, date, day of the week."Desktop display：
Search	The default is the Google search bar for quick search box, you can enter any URL for browsing. Desktop display：
Playlists	Click to play the selected music playlists inside Desktop display：
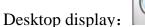
Phone status

Phone status widget displays the phone network connection status and registration status of each line.

Network connection status:

Displayed when the connection is successful network connection mode and IP, the connection fails to display the "Network not connected";

Line registration status:

Status lights	Registered Contents	Registration status
gray Light	Not set	Line is not registered
Red light	Phone Number @ server address	Line registration failed
Green light	phone number @ Master server address	Successful registration on the master serve
Yellow light	Phone Number @ Backup Server Address	Successfully registered on the backup server

Desktop display：

Photo

You can photograph an arbitrary one of your favorite pictures on the desktopDesktop display：

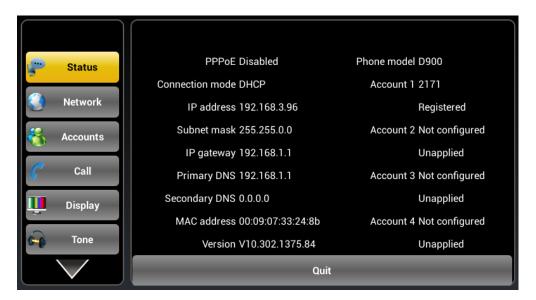|	
 Music	You can use this widget fast playback of music stored in your phone, ready to enjoy the joy of music. Desktop display：
 Calendar	View the date, add events and reminders. Desktop display：

Settings

System info

Tapping "Settings" can directly enter the default window "System info". It displays the current system information state.
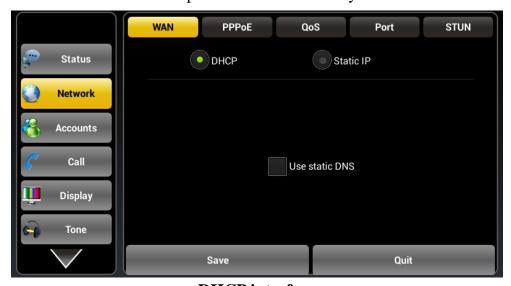
System info interface

Configuration item	Meaning
PPPoE	Displays the connection status of the PPPoE, there are three display states : Disabled、Connecting and the IP address.
Connect mode	Displays the selected network mode, DHCP or Static IP.
IP address	Displays the IP address of the current network model.
Netmask	Displays the Subnet Mask of the current network model.
Gateway	Displays the default gateway of the current network model.
Primary DNS	Displays the primary DNS server address of the current network model.
Secondary DNS	Displays the standby DNS server address of the current use of the network model.
MAC address	Displays the current MAC address.
Version	Displays the current version of the phone.

Phone model	Displays the current phone model.
Account	Displays the current configuration of the Accounts and more detailed information will be displayed on the desktop widget.

Network

Network

Tap "Network"----> "WAN mode" interface, the default interface is "DHCP": click "Save" button to save successfully after the configuration of each interface is finished. Then a tip box "save successfully" will be shown.
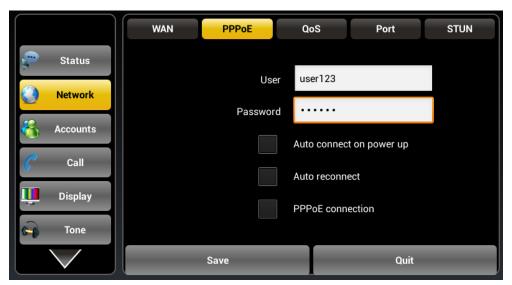

DHCP interface

Static IP interface

Configuration	Meaning
DHCP	You can select to use DHCP, which means whether Use the DNS to connect network assigned by the DHCP server.
Static IP	IP address: Input your assigned IP address. Subnet mask: Input your assigned subnet mask. IP gateway: Input your assigned gateway. Primary DNS: Input your assigned DNS server address. Secondary DNS: Input your assigned Alert DNS server address.

PPPoE

Tap "Network" ----> "PPPoE". After configuring the parameters, you can click "Save" button to save.

PPPoE interface

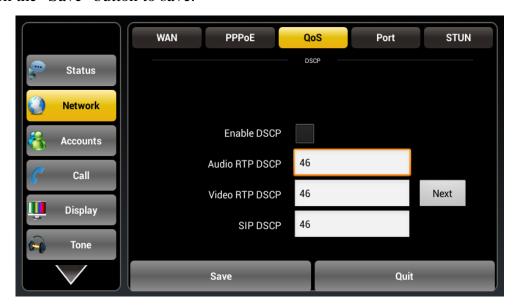| Configuration	Meaning
PPPoE	**User name**: Input your assigned PPPoE Username. Password: Input your assigned PPPoE Password. **Auto connect on power up**: Whether to automatically connect PPPoE on power up. **Auto reconnect**: When connecting failed whether to automatically connect PPPoE. **PPPoE connection**: Whether to enable PPPoE. After the parameter configuration completed, and you do not select " PPPoE connection", it will only saves the configuration parameters when you click on the "save " button ; but if you select " PPPoE connection" and click "save" button, it can immediately use the PPPoE mode to connect the network, at the same time it will pop up PPPoE connection box, clicking the "disconnected" will pop up PPPoE configuration frame; if you click "connect", it will reconnect PPPoE; if you click "Cancel" button, it will only save the

configuration parameters which have been set, not to

enable PPPoE connection.

QoS

Tap "Network"----> "QoS", after selecting or modifying the default settings
click the "Save" button to save.

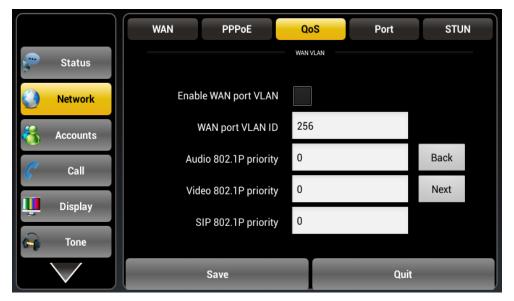**QoS-DSCP Settings**

DSCP is one standard of QoS. It can set the priority of Voice, Video and Signal.

Configuration item	Meaning
QoS- DSCP	**Enable DSCP**: Enable/Disable DSCP. **Voice DSCP**: Set the number of Voice DSCP. **Video DSCP**: Set the number of Video DSCP. **Signal DSCP**: Set the number of Signal DSCP.

Tap "Next" to enter the QoS-WAN VLAN page.

QoS-WAN VLAN interface
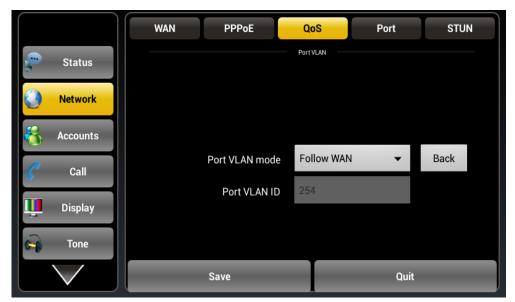
VLAN is Virtual Local Area Network.

Enable VLAN, then you can set VLAN ID, the range of ID number is 0~4095; you can also set the priority of 802.1p, the range is 0~7.

Note: You must enable DSCP if you want to set 802.1P priority.

Configuration item	Meaning
QoS- WAN VLAN	**Enable WAN port VLAN**: Enable/Disable WAN port VLAN. **WAN port VLAN ID**: Set the number of VLAN ID. **Audio 802.1P priority**: Set the priority number of Video802.1p priority. **Video 802.1P priority**: Set the priority number of Video 802.1p priority. **SIP 802.1P priority**: Set the priority number of SIP 802.1p priority.

Tap "Next"，enter QoS-Port VLAN interface

33
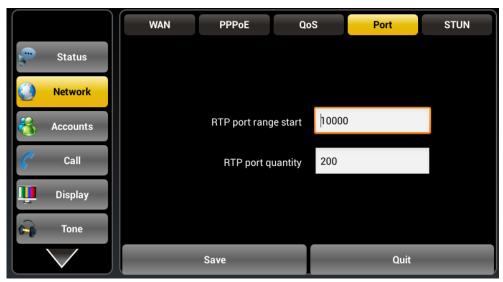
Port VLAN interface

Port VLAN is based on port VLAN, in the same VLAN port to communicate with each other.

Configuration item	Meaning
QoS- Port VLAN	**Port VLAN mode**: Select the status of LAN Port VLAN. ➤ **Disable:** Disable Port VLAN. ➤ **Follow WAN**: Follow the ID number of WAN. ➤ **Enable**: Enable Port VLAN and you can set the LAN Port VLAN ID different from WAN. **LAN port VLAN ID**: Set the number of LAN Port VLAN ID.

Port

Tap "Network" ----> "Port", after selecting or modifying the default settings click "Save" button to save.
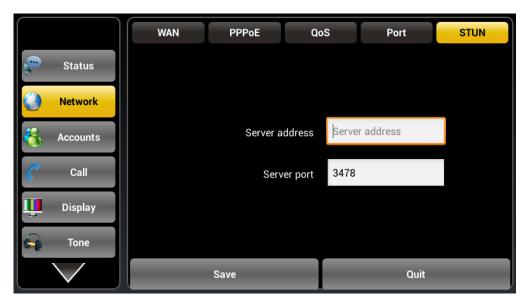
Port Settings

Configuration item	Meaning
Port	**RTP port range start(10000-60000)**: Set the telephone's RTP start port. This port is distributed to dynamic allocation. **RTP port quantity**: Set the maximum number of allocated RTP port. The default is 200.

Stun

Tap "Network" ----> "Stun", after selecting or modifying the default settings click "Save" button to save.
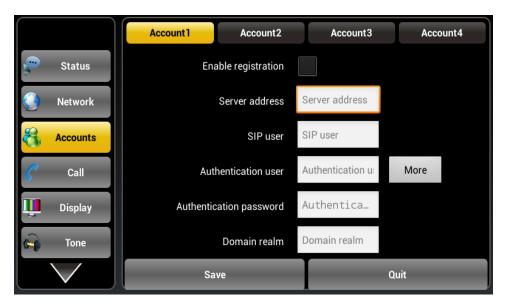
STUN interface

Configuration item	Meaning
STUN	**Server address**: Configure the SIP STUN server address. **Server port**: Configure the SIP STUN server port .The default is 3478.

Account

Tap "Account"---->"Account1", after setting the parameters you can click the "More" button to switch to the next page to set; it has a total of five interfaces, after all the parameters are set, you can click "Save" button to save. (You can also save single page.)

(Note: The Account1, 2, 3, 4 has the same settings.)

Account page 1

Configuration item	Meaning
Account	**Enable registration**: Enable/Disable registration. ▢ Disable register, ✓ Enable register. **Server addres**s: Set your SIP server address. It supports the address in the form of domain name. **SIP user**: Input the phone number assigned by your VoIP service provider. Phone will not register if there is no phone number configured. **Authentication user**: Set your SIP account. **Authentication Password**: Set your SIP password. **Domain realm**: Configure the SIP domain name (You do not need to configure it because the system will configure automatically).

Account page 2

Display name: Configure the display name, it allows the English alphabet input (does not support Chinese).

Server name: Configure the SIP register server name.

Server port: Configure the SIP register server port.

Registration expire(s): Configure the server registration expire(s), default is 60 seconds. If the registration time of the server required is greater or less than the time of the phone to configure, telephone can automatically modify to the time limit that server recommended, and register again.

DTMF mode: Set DTMF mode, there are four types:

In-band(Relay)

RFC2833

SIP_INFO

AUTO

Different server vendors can provide different models.

RFC protocol edition: Configure the protocol version of the phone. When your phone needs to communicate with gateway which uses SIP1.0, such as CISCO5300, you need to configure to RFC2543 to conduct normal communication. RFC3261 is used by default.

Anonymous call edition: Configure whether to use anonymous security call. It supports RFC3323 and RFC3325.

Transport protocol: Configure the transport protocol, TCP, UDP or TLS.

Ban anonymous call: Configure whether to ban anonymous call.

Enable strict proxy: Compatible with special server. (Using source address of opposite side when return message, no longer use the address in via field).

Subscribe for MWI: After successful registration, you can subscribe to information, such as someone else's status or voice mail and so on.

Enable rport: Configure whether to support RFC3581, rport mechanism is used in internal network, and requires a SIP server to support, it is used for keeping the NAT connect of the internal network and the external network.

Enable PRACK: Configure whether to support

SIP-PRACK function (used by "Color Ring Back Tone") Recommend：Use the default configuration.

Convert URI: When you send URI it will convert # to %23.

Enable DNS SRV: Configure whether to enable RFC2782 protocol edition.

Enable displayname quote: Set to make quotation mark to display name as the phone sends out signal, in order to be compatible with server.

Use Stun: Enable/Disable SIP STUN.

Enable BLF List: Enable/Disable BLF List.

BLF List number: Input the number of BLF List.

Enable session timer: Enable/Disable session timeout.

Session timeout(s): Set the time of session timeout.

Backup server address: Configure a backup server address. When the primary server is not connected, you can use the backup server for calling communications (The backup server can be connected only when the primary server cannot connect); When the primary server is connected, the phone will automatically switch back to the primary server to communicate.

Backup server port: Configure the backup server port.

Call

Tap "Call" enter the interface, after configuring the parameters of each interface, you can click "Save" button to save.

General

Tap "Call" ——>"General" interface, after configuring the parameters, you can click "Save" button to save.

General interface

Configuration item	Meaning
General	**Do not disturb**：It will not allow any phone call while enable the function, but there will have prompt in the missed calls. **Enable call waiting**：Whether enable call waiting. Call waiting tone：If enable the function, there will have call waiting tone if there has a call waiting. **Default calling mode**：Set the default call mode of the phone, there has two choices: Audio and Video.

Default answering mode：Set the default answer mode of the phone, there has two choices: Audio and Video.

Tap "Next"，enter the second page

The second page of General

The second page of General	**Enable password dial**：Whether enable the password dial. **Password dial prefix**：Set the prefix of the number. **Password length**：After setting the length successfully, the number dialed out will hide the appropriate length .For example, sets the prefix number to 138,the password length is 5, and dial the number 138142658941 ,then it will display as 138*****8941 on the dial interface. **Hide DTMF**：It has four choices: Disable, All, Delay and Last show. Disable that is the content you input is clear text and it can be seen. All that is the content you input is hidden immediately and displayed as "*" Delay that is the content you input will display in clear text first and then displayed as "*" Last show that is the last one inputted will displayed in clear text and the others will displayed as "*".

Default answer mode：You can choose "Handsfree" or "Headset".

Tap "Next", enter the third page

The third page of General

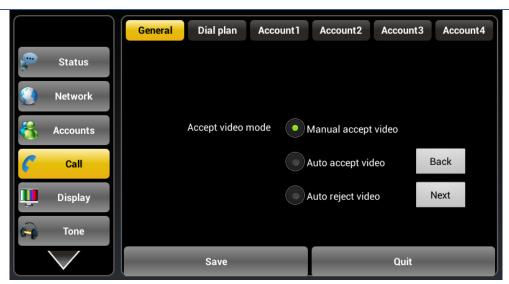| The third page of General	**Hide local code**：Enable /disenable the function, if enable the function it will hide the local number. **Country code**：Input the country number, such as the number of China is 86. **Area code**：input the region number，that is the area number ,for example ,the number of Beijing is 10. **Call waiting response code**：You can choose the Call waiting response, 180 or 182.

Tap "Next "，enter the fourth page

the fourth page of General

the fourth page of General	**Accept video mode**：You can choose "Manual accept video", "Auto accept video" or "Auto reject video". **Manual accept video**：If there has a video invitation call you need to receive the video manually. **Auto accept video**：If there has a video invitation call it will be received automatically. **Auto reject video**: if there has a video invitation call it will be rejected automatically.

Tap "Next", enter the fifth page

the fifth page of General

the fifth page of General	**Default externline**：Choose the default line to dial

out

Ban outgoing: if you enable the function, it will play busy tone while off hook and prompt hang up .

Enable call transfer： You can do transfer if you enable the function.

Semi-attended   transfer: You   can   do Semi-attended transfer if you enable the function.

Enable auto handdown：Enable this function, then

you can press the speakerphone key while in the phone to hang up the phone automatically.

Auto handdown timeout：Setting the handdown

time, if in the speaker mode, the phone will automatically to the standby when exceeded the   Auto handdown timeout ;if in the handles mode the phone will play dial tone when over the auto handdown time.

Note:the call forward manner

Blind transfer：In the phone, press the transfer

key, and input the number and press the "#", then you can transfer the number to other .The phone you set up before will be end after transferred. You cannot choose SIP line while do the call transfer.

Attended transfer ：When you in the phone,

you can press the transfer key ,and input the number you want to transfer to, and   tap "send", then press transfer key after the call heared , and

transferred successfully.（If you want to use this

function, you need to enable the call waiting and

call transfer）.

Semi-attended transfer：During the talk,

press Transfer firstly, and then press Send after inputting the number that you want to transfer to. You are waiting for connection, now, press Transfer and the transfer will be done. (To use this feature, you need enable call waiting and call transfer first).

Tap "Next", entered the sixth page

the sixth page of General

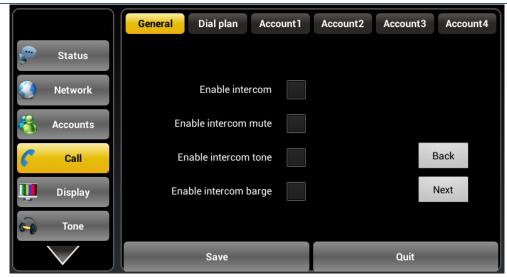| the sixth page of General	**Enable conference**：Enable the function you can set up conference.
	Enable silent ring：Enable the function, there will no ring when there has call.
	Enable call completion: Enable Call Completion by selecting it, If the callee is busy, the sip server will inspect the callee status at intervals. If the callee is idle, the server will send notify message to inform the caller whether redial.
	Enable auto redial：Enable this function, calling out someone, if he is in busy, it will pop up a prompt box whether to auto redial, press OK, the phone will call out him according the Interval and Times that you set.
	Auto redial interval：Specify the Auto Redial interval.
	Auto redial times：Specify the Auto Redial times.

Tap "Next"，enter the seventh page

the seventh page of General

the seventh page of General	**Enable intercom**：Enable Intercom Mode by selecting it. Then you can set up connection to the operator or the secretary quickly, and it widely used in office environments.
	Enable intercom：Enable Intercom Mode by selecting it.
	Enable intercom mute：Enable mute mode during the intercom call.
	Enable intercom tone：If the incoming call is intercom call, the phone plays the intercom tone.
	Enable intercom barge：Enable Intercom Barge by selecting it, the phone auto answers the intercom call during a call. If the current call is intercom call, the phone will reject the second intercom call.

Tap "Next ", enter the eighth page

the eighth page of General

Ring from headset：Enable Ring From Handset by selecting it, the phone plays ring tone from handset

Press # for blind transfer：Input the number you want to transfer to, then press"#" you can transfer the current call to the number.

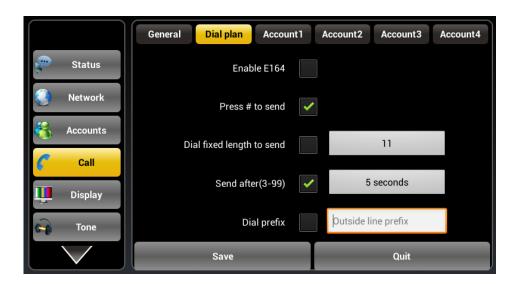| the eighth page of General	**Blind transfer onhook**：Input the number you want to transfer to then hang up handle or press speaker, you can transfer the current call to the number.

Attend transfer onhook：Hang up after the third party answers, the phone will be transferred.

Enable blacklist：Enable blacklist, it will screened the number in the blacklist list.

Enable call barring：Enable the function, you

cannot call the number in the limited list.

Dial plan

Tap "Call"----> "Dial plan" interface. After configuring the parameters, you

can click "Save" button to save.

Dial interface

Configuration item	Meaning
	Use E164: Enable/Disable E164. After it is enabled, it will directly dial numbers according with E164 rules.
Dial plan	**Use # as dial key**: Enable/Disable. After enabling the function, input the number end with "#" in the non-pre-dial mode, it will directly dial the phone number.

Dial with fixed length (1-30): Enable/Disable. After enabling the function, inputting the number of specified length in the non-pre-dial mode will make the call directly.

Dial timeout (3-99): Enable/Disable. After enabling the function, input the number in the non-pre-dial mode, it will dial the phone number in the specified time.

Dial plan prefix: Enable/Disable. After enabled the function, it will be automatically added the outside line prefix number before the outgoing number when you are going to call.

Method to use the prefix: Example

If you set the prefix is 135856, and you want to dial the number 13585679801. Then when you dial the number, you can long press 0, when the "+"appears, you can just input 79801and send the number, the "+79801" is the numb you input, but you can see the dialing number is 13585679801.

Account

Tap "Call" ——>"Account1\2\3\4" interface, after configuring the parameters, you can click "Save" button to save.

Account 1

Configuration item	Meaning
Account1	**Call forward**：Whether enable the call forward (there have four choices: Always, No answer, Busy or Off). Forward number：Specify the number you want to forward. **No Ans. Fwd wait time（0-120）**：Specify the No Answer Forward Delay Time，if the Forward Type is No answer, incoming calls will be forwarded after the no answer forward wait time MWI number：Specify the MWI number for the SIP line **Hotline number**：You can set hotline number for every sip, and then enter the dialer interface and after Warm Line Time, the phone will call out the hotline number automatically **Warm line wait time（0-99）**：Specify the wait time, it

will call the hot number over the time, if you in the
mode, off hook, speaker or headset. The default value
is 0.

Tap "Next", enter the second page

the second page

	Enable auto answer：Setting whether enable auto answer.

Enable auto answer：Setting whether enable auto
answer.

Auto answer timeout（0-120）：Specify Auto Answer
Time, the phone auto answers the incoming call after
Auto Answer Time.

Display PAI number：It is default display long

number, and support standard ISP number .If not

enable, the phone will display last few numbers

matched.

Account 1

User is phone：Enable the User is phone, the phone
can make call directly, if not, you need to precede the
phone number with country code and Area code,
Depending on your environment.

Enable missed call log：Enable the missed call log, the

phone will save the missed call log into the call history record and display the missed calls on the idle screen, or won't save the missed call log into the call history record and display the missed calls on the idle screen.

Dial without registered：Set call out by proxy without registration.

Display

Configuring the phone screen displays a number of parameters, including screensavers and power indicator

Tap "Display" ----> "Display" interface. After configuring the parameters, you can click "Save" button to save successfully.

Screen saver

Tap "Display settings"----> "Screen saver" interface. After configuring the parameters, you can click "Save" button to save successfully.

Screen saver interface

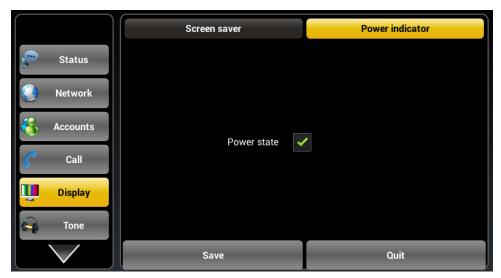| Configuration item	Meaning
Screen	**Use screen saver:** Select screen saver mode，There are third types of screen saver mode("Disabled", "LCD power off"and "Start screen saver") for you to choose. **Timeout:** Input the waiting time after enabling the screen saver mode, the default unit is minute. **Screen saver app:** Select the screen saver,There are two types of screen saver ("Colours" and "Clock") for you to choose. **Sleep after active:** Enable hibernation after the first enable screensavers **Timeout to sleep：**Enter the phone screensavers enabled to enter sleep latency **Active period:** Set period of time to enable screensavers

Power indicator

Tap "Display settings"----> "Power indicator" interface. After configuring the parameters, you can click "Save" button to save successfully.

Power indicator interface

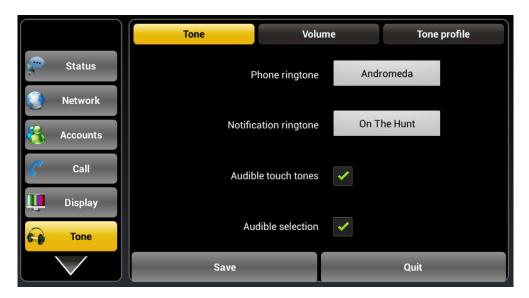| Configuration item	Meaning
Power indicator	**Power Status :** Whether to open the power indicator light. If turned on, the power lamp

Tone

Configuration of the telephone voice parameters, including selecting a ringtone, SMS notification tones, keypad tones, and other

Tap "Settings" ----> "Sound" interface. After configuring the parameters, you can click "Save" button to save successfully.

Tone

Tap "Sound settings" ----> "Tone" interface. After configuring the parameters,

you can click "Save" button to save successfully.

Tone interface

Configuration item	Meaning
Tone	**Phone ringtone:** Set telephone ringtone of incoming calls. **Notification ringtone:** Set notification ringtone of the telephone. **Audible touch tones:** Enable/Disable. After enabling the function, when you use a dialing keyboard it can play sound. **Audible selection:** Enable/Disable. After enabled the function, when you select the screen it can play sound.

Volume

Tap "Sound" ----> "Volume" interface. After configuring the parameters, you can click "Save" button to save successfully.

Volume interface

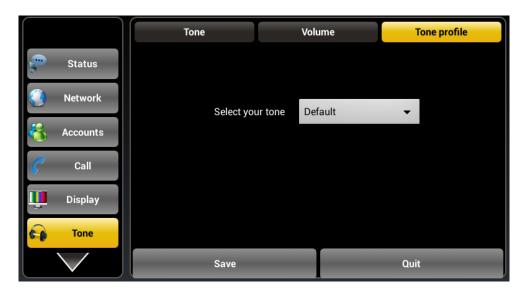| Configuration item	Meaning
Volume	**Ring volume:** Adjust the volume size of ring volume. **Alarm volume:** Adjust the volume size of alarm. **Media volume:** Adjust the volume size of media. **Enable silent mode:** Set whether to enable Silent mode. After enabling the function, all sounds will not take effect expect media volume and alarm clock.

Tone profile

Tap "Tone" ----> "Tone profile" interface. After configuring the parameters, you can click "Save" button to save successfully.

Tone profile Interface

Configuration item	Meaning
Select your tone	Select the Tone of different countries.

Date time

Tap "Settings" ----> "Date time" interface. After configuring the parameters, you can click "Save" button to save successfully.

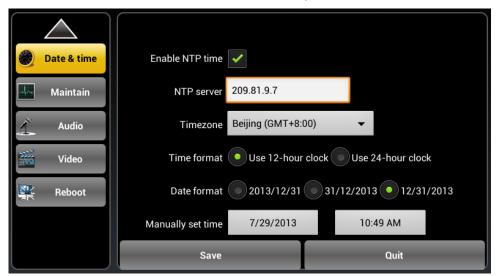**Date time interface**

Configuration item	Meaning

Date time settings	**Use DHCP time:** Enable/Disable NTP time. After enabling, the phone will automatically synchronize the network time in a certain period of time . **NTP server:** Configure SNTP server address of the phone to get the current time. **Time zone:** Select the current time zone. **Time format:** Select the current time format. You can choose "Use 12-hour format" or "Use 24-hour format." **Date format:** Select the current date format. There are three types for you to choose ("Year - Month - Day", "Day - Month - Year" or "Month - Day - Year"). **Manual set time:** You can manually set the current date and time.

Maintain

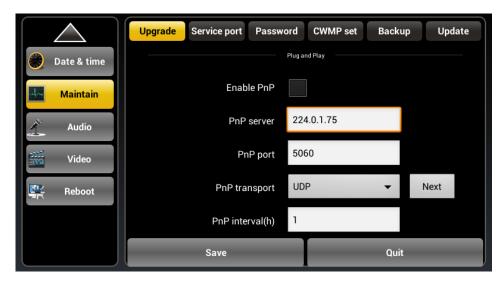Tap "Settings" ----> "Maintain" Enter the interface.

Update

Tap "Settings" ----> "Maintain" ----> "Update" interface. After configuring the parameters, you can click "Save" button to save successfully.

Fanvil endpoint supports PnP and DHCP and Phone Flash to obtain the parameters. The PnP and DHCP and Phone Flash are all deployed, endpoint will go by the following process to try to obtain the server address and other parameters, when it boots up:

DHCP option ➔   PnP server ➔   Phone Flash

Tap "Upgrade", enter the PNP interface:

Plug and Play interface

Support Common CFG file and MAC-Oriented CFG file and ID-Oriented
CFG file auto provision. The endpoints download Common CFG file firstly,
and then download MAC-Oriented CFG file or ID-Oriented file.

| Configuration	Meaning
Plug and play	**Enable PNP**: Enable/Disable PNP. Enable PnP by selecting it, then the phone will send SIP SUBSCRIBE messages to a multicast address when it boots up. Any SIP server understanding that message will reply with a SIP NOTIFY message containing the Auto Provisioning Server URL where the phones can request their configuration. **PNP server**: Input the PNP Server name. The default is 224.0.1.75. It depends on your environment.
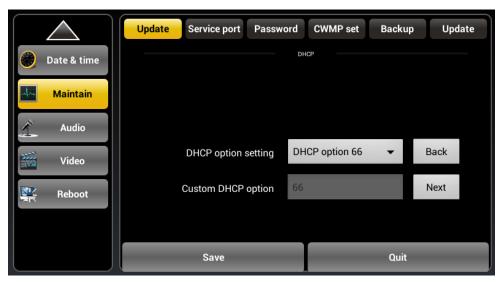
PNP port: Input the PNP port number.

PNP transport: Select the transport protocol, "TCP" or "UDP"

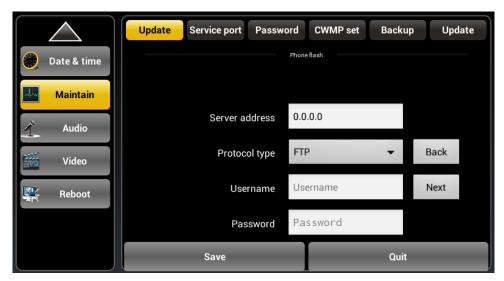**PNP Iiterval (h):** Input automatic update interval. Unit is hour.

Update-DHCP custom

Support Common CFG file and MAC-Oriented CFG file and ID-Oriented CFG file auto provision. The endpoints download Common CFG file firstly, and then download MAC-Oriented CFG file or ID-Oriented file.

Configuration	Meaning
DHCP custom	**DHCP option setting:** Select "DHCP Option 43","DHCP Option 66" or "DHCP Option Custom". **Custom DHCP option:** After select "Custom DHCP option", you need to input the DHCP value. A valid Custom DHCP Option is from 128 to 254. The Custom DHCP Option must be in accordance with the one defined in the DHCP server.

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Update-Phone flash

Support Common CFG file and MAC-Oriented CFG file or Custom CFG file. If customer deploys Custom CFG file name in the web page, the endpoint will download Custom CFG file. If customer doesn't deploy Custom CFG file name, the endpoint will download MAC-Oriented.

Configuration	Meaning
Phone flash	**Server address:** Set FTP/TFTP/HTTP server IP address for auto update. The address can be IP address or Domain name with subdirectory. **Protocol type:** Select Protocol, including "FTP","TFTP","HTTP", and "HTTPS". **User name:** Set FTP server Username. System will use anonymous if username keep blank. **Password:** Set FTP server Password.

Update--Phone flash 2

Config file name: Input MAC-Oriented configuration file or defined configuration name of user.

Commen cfg encrypt key: Input the Common Encrypt Key, if the Common Configuration file is encrypted. The keys must be 64 characters and the supported characters are: 0 ~ 9, A ~ F, a ~ f.

Config encrypt key: Input the Encrypt Key, if the configuration file is encrypted.

Update mode: Different update modes:

1. Disable: means no update

2. Update after reboot: means update after reboot.

3. Update at time interval: means periodic update

Update interval time(h): If you select Time Interval，you should fill out the update time, unit is hour.

Service port

Tap "Maintain"---->"Service port" interface. After configured the parameters, you can click "Save" button to save successfully.

Service port interface

Configuration	Meaning
Update	**Enable telnet:** Open telnet function. *Telnet* is a common method of remote control of the Web server, end users can enter the command telnet program, these commands will be run on the server, just like directly on the server console, enter the same. Can locally be able to control the server. **Web server type:** Select "HTTP" or "HTTPS". After selecting one server, you can use the selected server to login the telephone's web page. Such as: https://192.168.1.20 **HTTP port:** Input server port, default is 80.

Password

Tap "Maintain"---->" Password" interface. After configured the parameters, you can click "Save" button to save successfully.

Password interface

Configuration	Meaning
Password	**Current Password:** Default password: 123456. **New password:** Input your new password. **Confirm password:** Input your new password again.

CWMP set

Tap "Maintain"---->" CWMP set" interface. After configured the parameters, you can click "Save" button to save successfully.

CWMP set Interface 1
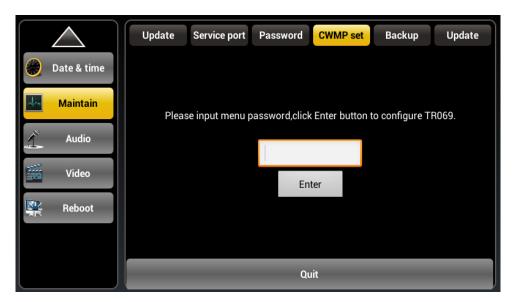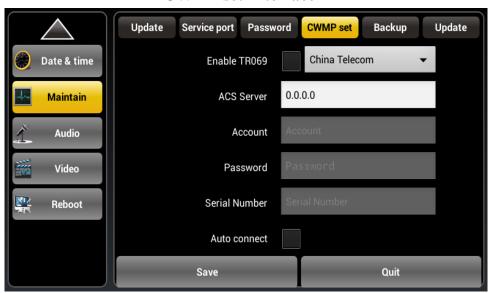

CWMP set Interface 2

Configuration	Meaning
CWMP set	Enter the password to access the network menu landing configuration interface。 **Enable TR069：** Enable network mode，select China Telecom or Normal。 **ACS Server：**Input the address of the ACS server provider。 **Account：**Input service provider assigns the account。

Password：Input the account corresponding password。

Serial Number：Input the Serial number。

Auto connect：When enabled, you can fill out the account

and password。

Backup

Tap "Maintain"---->" Backup" , enter the backup interface。
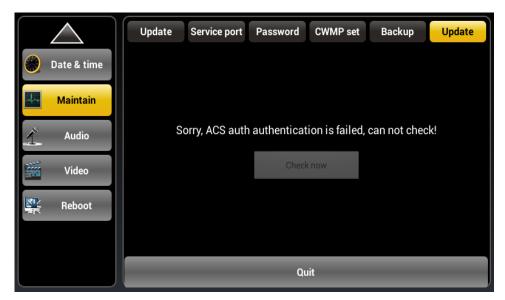
Backup Interface

Configuration	Meaning
Backup	**ResetPhone**：This will erase all data from your phone's internal storage。 **Backup**：The contact data, phone settings data backup to a specified folder. **Recovery**：Recovery has backup contacts, phone settings configuration.

Update

Tap "Maintain"---->" Update", enter the update interface.

Update Interface
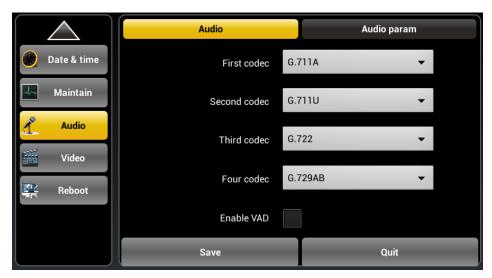
Configuration	Meaning
System update	For ACS certification, authentication is successful you can check the system updates

Audio

Touch "Settings" ----> "Audio", enter the detailed view.

Audio

Touch "Audio"----> "Audio" interface. After configuring the parameters, you can click "Save" button to save successfully.
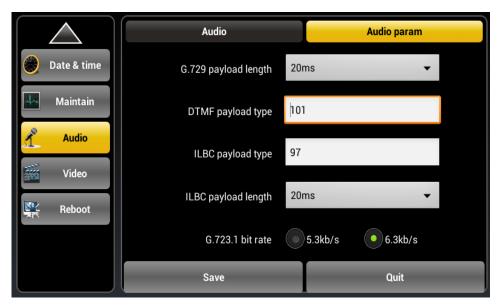
Audio interface

Configuration item	Meaning
Audio	**First codec:** Set the first priority in the use of voice coding. **Second codec:** Set the second priority in the use of voice coding. **Third codec:** Set the third priority in the use of voice coding. **Four codec:** Set the four priority in the use of voice coding. **Enable VAD:** Whether to enable VAD. (Voice Activity Detection); If you enabling VAD function, then the G.729 payload length cannot be set greater than 20ms.

Audio param

Touch "Audio"----> "Audio param" interface. After configuring the parameters, you can click "Save" button to save successfully.

Audio param interface

Configuration item	Meaning
Audio param	**G729 payload length:** Set G729 codec payload length. **DTMF payload type:** Set DTMF payload type, values between 96 and 127. **ILBC payload type:** Set ILBC payload type, values between 96 and 127. **ILBC payload length:** Set ILBC payload length. **G723 bit rate:** Set the rate of G723, you can choose 5.3kb / s or 6.3kb / s.
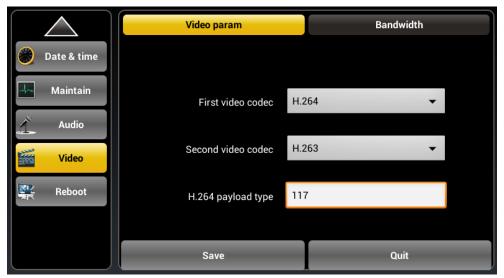
Video

Touch "Settings" ----> "Video" and enter the settings interface.

Video param

Touch "Video"----> "Video param" interface. After configuring the parameters,

you can click "Save" button to save successfully.

Video param interface

Configuration item	Meaning
Video param	**First video codec:**Set the first priority in the use of video coding. **Second video codec:** Set the second priority in the use of video coding. **H.264 payload type:** Set payload type of H.264, value between 96 and 127.

Bandwidth

Touch "Video"----> "Bandwidth" interface. After configuring the parameters, you can click "Save" button to save successfully.

Bandwidth interface

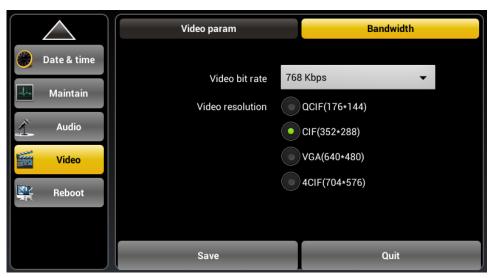| Configuration item	Meaning
Bandwidth	**Video bit rate**: Set receiving video bandwidth in video calls. You can choose 11 kinds of video bandwidth types ("64Kbps", "192Kbps", "256Kbps", "384Kbps", "512Kbps", "768Kbps", "1Mbps", "1.6Mbps", "2Mbps","3Mbps"or"4Mbps"). **Video Resolution:** Set video encoding resolution in a video call. You can choose 4 types of video resolution ("QCIF (176*144)", " CIF (352*288)" "VGA(640*480)"or " 4CIF (704*576)").

Reboot

Tap "Maintain"----> "Reboot" interface. You can click "Reboot" button to pop-up "reboot" dialog box, click "OK" to reboot the phone, click "Cancel" will have no operation.

Reboot interface

Phone Application

Phone

This terminal support VoIP to communicate with each other.

Dialing

● **Dialing on the dialer view**

1. Directly dial a phone number**.**

   1. Press the phone icon in the launcher；

   2. Select the line to dialing (SIP1, SIP2, SIP3, SIP4)，You can press the screen to select the line by hand and you can also navigate left and right keys to select;

   3. Enter telephone number on the keypad, if it is wrong, you can select to delete. If you want to delete the entire input, please long press ；

4. To make a call, perform the following steps：

- Enter the full number, tap the "Audio" or "Video" button; In the talking state, the icon will be shown.
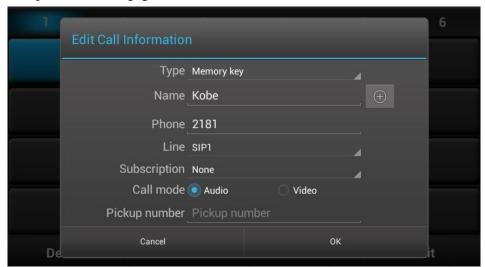
2. Direct the other IP address.

1. Press the phone icon in the launcher；

2. Enter IP address on the keypad； if it is wrong, you can select to delete. If you want to delete the entire input, please long press ；

3. Enter the IP address of the process, through the "∗" key to replace "."。

4. To make a call, perform the following steps：

- Enter the full IP address，tap the "Audio" or "Video" button; In the talking state, the icon will be shown.

3. Making a call using the function keys(Function keys detailed settings)

1. Press the phone icon in the launcher；

   Click the button to enter the function key function interface, click the Settings button to store a good number of the party, the number will be displayed in the input box;

2. To make a call, perform the following steps：

● tap the "Audio" or "Video" button，Click on the button to set a good SIP line（ Detailed settings ）；In the talking state, the icon will be shown.

   ● **Make a call using the function keys**

1. Press the phone icon in the launcher ；

2. Click an empty Speed Dial button, click Edit to enter edit mode；

3. Type Select memory key，Fill in the options list（Please refer to the

function keys→ storage keys）, Click the OK button；

4. Click on the function key interface directly edit the speed dial button can just call set up good numbers.

Editing interface

Editted interface

● **Make a call using the call log**

➢ Press the "Phone" icon in the launcher. ；

➢ Tap the contact you want to call and tap "**OK**" button or double-click to the contact；

➢ Tap the "**Video**" or "**Audio**" button to dial.

ou can also use the R/send key. In the dialer view or the standby, press the

R/send key will dial the call log number in the last breath.

● **Make a call using the contacts**
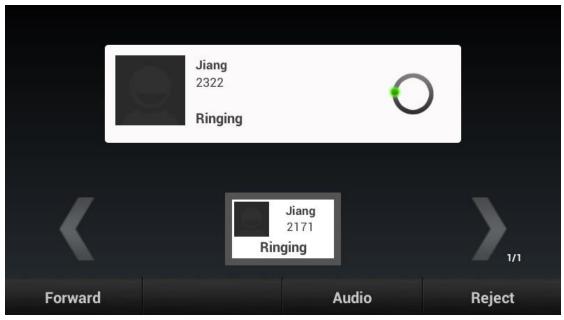
Touch the Contacts icon [icon] in the launcher, or enter the dialer view [icon], tap the "Contacts" tab, select a contact you want to call, a context menu will be shown, select the "Call contact" and select a line to dial.

Answer the ringing
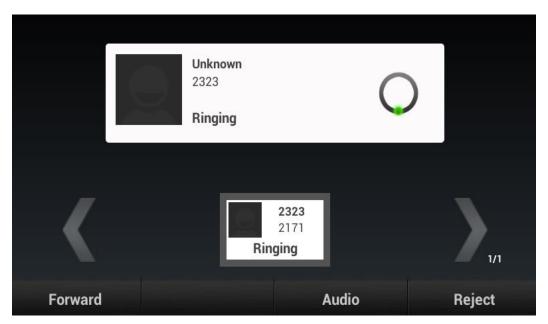
1. When you receive a call from the contact occurs when talking views displays the caller's local picture, name, phone number and location as shown in Figure:

2. When you receive an incoming call that is not from a stored contact, the call will appear on the screen of default contact picture, phone numbers and the location (need to be opened in the Call settings), the name will be displayed as Unknown.

Figure: caller interface (contact / non-contact)

(Note: This diagram shows the voice call interface)

Ringing view (Known contact)
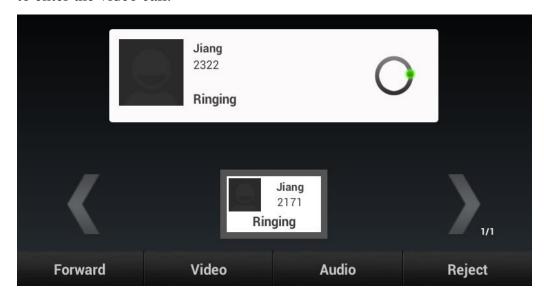
Ringing view (Unknown contact)

Call options
- **Video call**

You can make a video call by the following way:

➢ If the remote terminal supports video calls, you can tap the "Video" button to enter the video call.

Video calling interface

Video talking interface

> ➤ Tap the video button [icon] to start a video invite in the audio talking, waiting for the "Accept" of the others to enter the video call.
> ➤ When you receive a remote video invite in the audio talking, tap the "Accept" button to enter the video call.

> ➤ In the video talking, press button [icon] to switch the different views of video.

> ➤ If you want to go back to the audio talking, tap the button [icon].

> **Note:**
> If you want to enter the three-ways conference from video talking, the video will be stopped first. The conference cannot support video call.

> ➤ **Call recording**

You can press the button [icon] to record the talking, the view [icon] will be shown, and the record button will turn [icon].

Press the button [icon] to stop recording. The record file will be shown in the "Talking record" content of the Record application, as the Figure:

> ➤ **Hold/resume the call**

During the talking, tap the "Hold" button to hold the current call, then we cannot hear each other. The state "Holding" will be shown in the current contact card, you can tap the "Resume" button to resume the call.

> ➤ **Call mute**

During the talking, you can tap the button [icon] to mute the call, then the

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remote cannot hear your voice, but you can hear the others' . The button will turn

![Mute button] in the mute state; tap again will recover the talking.

➢ **Attended transfer**

You can complete the Attended transfer by the following ways:

1. Press the "Transfer" button, input the third number and dial, tap the "Transfer" button again to complete attended transfer after remove answered.

2. If there are two or more talking calls, tap the "Transfer" button and select the attended number to Complete attended transfer.
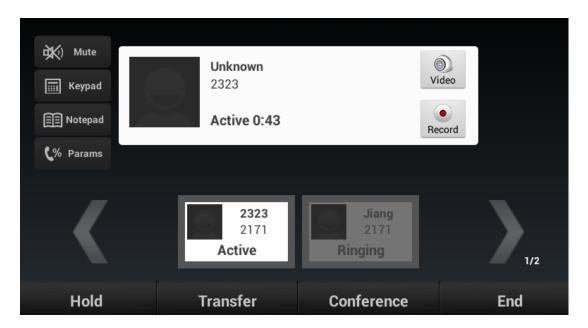
➢ **Blind transfer**

Press the "Transfer" button, input the third number, and tap "Transfer" to transfer the current call to the third one.

➢ **Three-ways conference**

If there are two or more talking calls, tap the "Conference" button and select a number to enter the three-ways conference with the current call.

The figure:

Figure :

hree-ways conference

➢ **Multi-line calls**

This phone supports multi-line calls. When there are two or more calls, you can tap "Transfer" or "Conference" button and select "New call" to make a new call, and it can support up ten calls exists at the same time. The current talking will be highlight shown. You can press the small contact card of the other call and resume it.

➢ **call application**

1. Dial: Click mini dials, digital input.

2. Notepad: click Notepad application, you can call, write down important information, the default title name to the current date, click OK to save the memo, notepad application can view notes.

3. Call parameters: Parameters button click to call, the call will be displayed in a number of parameters, including: speech coding, speech codec rate, video encoding, video codec rate, video resolution. (Video part only video call will be displayed).

➢ Automatic message（MWI）

1. The phone supports voice messages, but you need your VoIP phone system support. Voice mail is usually stored in the telephone system's media server, users can connect your phone to the server.
    You can view or listen to the following new voice message.

2. In the Phone "Settings" --- "Call" ---- "service (support 4 lines were set)" --- "MWI" fill listen to voice mail number, when you want to listen to the voice message , direct dial set to listen to number.

3. You can enter " application " --- "MWI" if a message, you can press on the screen of the "little horn" has set a good dial directly listen to the message number.

4. If a new message, when there will be appropriate in the notification bar to remind.

5. Connected to a VoIP phone system, you need to enter a password. The password is determined by your system

6. Connected to the voice mail later, you can view the system automatically prompts a voice message.

Contacts

Telephone contact address book. A contact can store more than one number, email and house information.

Search contacts

You can search the contacts on the VOIP by the contacts' first letter (Chinese names are searched by its first letter of the alphabets).

1. Tap the contacts button

2. Tap the "Search" button, or press , then tap the search button , input the name of the contact you are searching for.

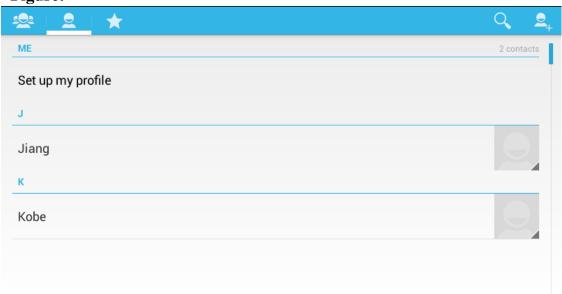As you type, contacts with matching names appear below the search box.

For example, the contact name is Fanvil, and number is 123456, then input F in the search box, you will see Fanvil in the search box. When more than one message matches your input, all will be displayed.

3. Contacts with matching names may appear below the search box when you are typing in. For example, you have the contact with name "Fanvil" and number 123456. You will see "Fanvil" below the search box after you have inputted "F". It will display more than one message if more names match with the letter "F".

4. Tap the correct contact in the list to open its detail.
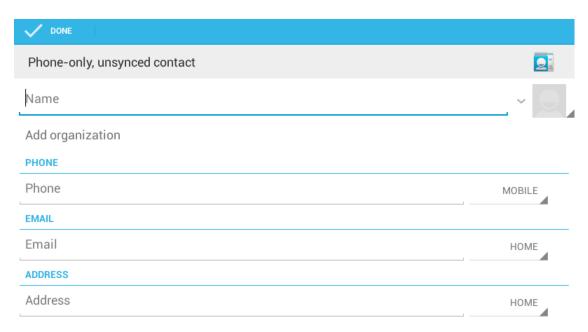
New contact

1. Tap the contacts button.

2. Tap the "New" button or press Option ![icon] and tap **New contact** button.

3. Add a picture for a contact. Tap ![icon] into the picture selection interface to select photos in your list of photos when editing contacts. It will automatically return to the editing interface after you save it. If you want to change the picture, tap the Contacts icon to select "use this photo", "delete the icon" or "change the icon".

4. In the given and family name field, input the contact's given and family name, and then add the contact's phone, e-mail and other information. Tap a category's plus button to add the other item options in every application. For example, you can add both work and home numbers by pressing this button.

5. When you have finished it, tap **Done** button.

Figure:

Contacts interface 1

Contacts interface 2

Delete a contact

1. Tap "Contacts" button.

2. Select the contact you want to delete, and then tap the "Picture Trash" to delete or you can bulk delete, by tapping the right button of the contact you want to delete

3. Press "Option " [icon] and tap "Options";

4. Select the delete option；

5. Click OK to delete the contact；

Set a ringtone for a contact

1. Tap "Contacts" button.

2. Tap the name of a contact in the list；

3. Press "Option "   and tap "Options";

4. Tap "Ringtones" and select the ringtone that you want in the pop-up box;

   Tap "OK" button. When the contact calls you, it will play the ringtone just set.

Add contacts to the firewall

See ExportManager。

Add a contact to your favorites

You can add contacts to your favorites, so that it will be convenient for you to

contact them.

1.Tap "Contacts" button.

2.Tap the contact you want to add favorite, enter the contact details interface;

3.You can add the contact to your favorite just by tapping the star icon on

the right until it turns to. You can also long press one contact and tap "Add to favorites" in the prompting box.

Set a default phone number for the contact

When a contact has more than one phone number, it will not be convenient for you to call him/her, so you can set a default phone number to solve this problem.

1. Tap "Contacts" button.

2. Tap the name of a contact in the list that you want to set a default phone number for it.

3. The view will display many numbers of this contact. Long tap the number you want to set as the default phone number and select "Make default number" in the prompt box. Then the default phone number is marked with a checkmark.

Later to make a call through the contacts, you can call directly the default number just set.

Import/export contacts

The first method: Tap "Contacts", and then tap the "I/E port" button or press

Option key. Then select the "Import/Export" label, you can choose

to import or export at the option box "Import/Export contacts".

Tap "Contacts", and then tap the "I/E port" button or press Option

key. Then select the "Import/Export" label, you can choose to import

or export at the option box "Import/Export contacts".

1. Import: You can select the way to import (from SD card or USB) from the option box "Import/Export contacts". Choose to importing one, multiple or all vCard files in the following option box, and then select the file which you want to import.

2. Export: You can select the way to export (to SD card or USB) from the option box "Import/Export contacts" if there are some contacts in the "Contacts". Press "OK" to export the file in the option box "Confirm export". The file will be named by the current time and stored at root directory of USB or SD card.

It supports three formats to import or export, vcf/csv/xml format.

The second method: See ExportManager。

All calls to MWI

1. Tap "Contacts" button.
2. Click to set the contact name, enter the contact details interface;
3. Press "Option " and tap "Options";

Set up a shortcut for a contact

1. Tap "Contacts" button.

2. Click to set the contact name, enter the contact details interface；

3. Press "Option " and tap "Options"；

4. Select "on the main screen."；

Later you can click directly on the main screen and then the contact's shortcut icon, the contact call or send text messages.

Contacts Group

You can add contacts to a group specified, and then you can easily send a message to all members of the group.

Click on "Contacts" application, slide your finger to the left or click on the contact

group icon , into contact groups.

Note: You must register an account (Exchange account) in order to manipulate the

contact groups.

New Group

1. Press ;

In the dialog box, enter the group name, type the name of the contact group, or

click the Add button to enter the contact interface to add, tap "OK" button;

Edit Group
1. Click the contact you want to edit the group name into the detail interface
2. Press the "Options" button, click "Edit" option, you can modify the group name or add the contact group
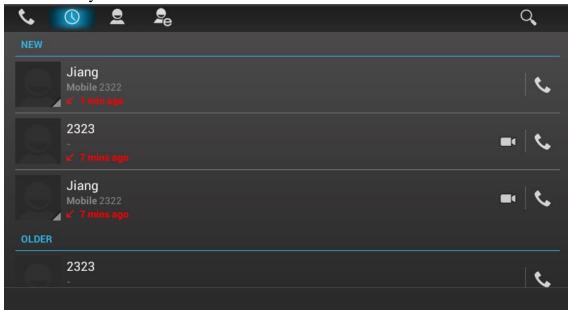3. Modify finished, click the Done button top left corner.

Delete Group
1. Click the name of the group you want to delete into the detail interface
2. Press the "Options" button, click the "Delete" option, make sure pop-up

box.

Call logs

The Call logs is a list of all the calls you've dialed, received, or missed. It offers a convenient way for you to R/send a number, call back, or add a number to your contacts.

Interface of all calls

To view missed calls

- When you have some missed calls, the status bar will show us the missed call icon , open notification panel and touch "Missed call" to view all of the missed call；

- The missed call would be marked with icon .

View dialed Phone

Tap the "Call History" Direct View dialed calls, dialed calls will be displayed.

View received calls

ap the "Call History" Direct View dialed calls, dialed calls will be displayed.

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Working with the Call log

● **Delete the Call log**

1. Remove one: Touch the record then touch "Remove from call log" in the box that opens. You can remove it which you selected from call log.

2. Clear by type: The main interface in the call log,press [≡], Select "Clear call log."

● **Dial a number in the Call log :**

➢ Touch the icon [ ] or [ ] at the right of the record, then select a line and touch "OK".
➢ Touch the record to open a menu with options for communicating with that contact in other way.
➢ Touch the record to open a menu with options then [≡] touch "Edit" number before call, it will open the dial-up interface. You can call the number which you edit and select from call log.

● **Add a record's number to your Contacts**

Touch the record. Touch "Add to contacts" in the menu that opens, in the list of contacts that opens, touch "Create new contact" at the top, or scroll to find an existing contact which you want to add the number to.

● **Send SMS**

Tap into the details of a call record interface, tap the icon to enter the SMS interface, you can directly enter the message content to send text messages.

Network Phonebook

Android IP Video Phone D900 terminal can download contacts the from the Internet where the information stored by the users . If you use Network Phonebook, you can follow these steps :

1. Configure parameters related to the network phonebook in settings

Tap "Contacts"----> "network phonebook" [ ].

Basic Setting	
Configuration	**Meaning**

Account	The name of your network phonebook. It will display on the screen.
Protocol Type	Support HTTP/FTP/TFTP/LDAP server. The time required to complete configuration of the FTP server username and password. LDAP configuration can choose to remain anonymous, do not need to enter a password. You can also select the authentication mechanism to support the Simple Authentication and DIGEST-MD5 encryption and authentication.
Server	The address of your HTTP/FTP/TFTP/LDAP server.
File Name	Configure the network phone book names, such as network contacts, do not need to fill out the extension. Xml. On the file name and server need to be consistent, otherwise download failed.
User Name	When your server need authentication, you need to fill it. It's server's username.
Password	When your server need authentication, you need to fill it. It's server's password.

Note: When you use LDAP to download the network phonebook, it will appear the follow steps.

Profile	
Host	LDAP server's host.
Port	LDAP server's port.
Base DN	You can just click "Fetch base DNs" to get the "Base DN".
Use secure connection(SSL)	Enable it can make the operational process more safely.
Credentials	
Anonymous	Enable/Disable anonymous.
Mechanisms	Simple and DIGEST-MD5 .
Principal	Input the authentication name of LDAP server.
Password	Input the authentication password of LDAP server..

2. use the network Phonebook

Phone into the network interface, click [≡], click the name of the configured network phone. Terminal server will be configured to download a specified file to the / external directory (in the FileManager can be found), and

display relevant information (group name, contact name, number). At this point the user can view the network phone book contact information and associated operations

- Click the contacts can make a call
- Press the selected contact, can be related to operations, including voice calls, call former editor, send messages, increased to blacklist.

MWI

Easily view voice messages, quickly listen in voice messages.

Touch the MWI icon on the home screen or in the Launcher, you can view voice messages information.

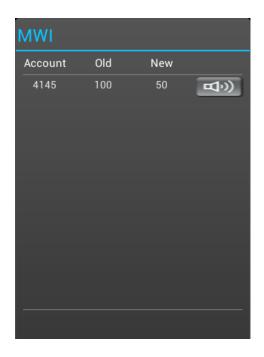➢ **Set the number to listen in voice messages**

Touch "Settings" ----> "Call settings" ----> "Voicemail", open voice mail settings screen, then touch "Number to dial for checking voicemail", enter the number to listen in voice messages.

➢ **View and Listen in voice messages**

On the MWI screen, you can view count of unread voice messages and count of read messages when there were voice messages, and touch listen icon corresponding line to listen in voice message. If you do not set the number to listen in voice messages, touch will open a dialog to open voice mail settings screen or enter numbers in the dial pad to dial.

Attachment:

When there is a new voice message, you can touch new voice message notification on status bar to open MWI screen.

Voice Mail Interface

Multi-line operation

Multi-line is to satisfy the multi-way call queuing of some enterprise, that is a SIP line can accommodate multiple calls, the user can have the option of a call to operate. A SIP line on this phone most can accommodate ten way SIP calls, and if there is a call in the call status, other calls will be put on hold.

When in called, you can click on the soft key "New Call" in call interface to make a new call. If the existing call is no more than ten, when there is a new call, you can answer the new call by off-hook, press the "Speaker" key, tap the "Audio" or "Video" key to answer new calls. You can achieve to switch multiple calls by clicking the small card in call interface to cooperate with four keys below.

Multi-line operate also can be achieved by one SIP line mapping for multiple lines.
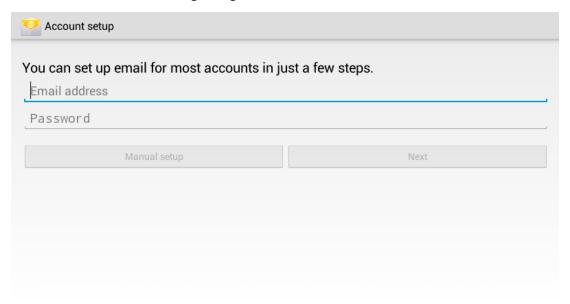
Other Application

Email

Press the E-mail, the phone will skip to the email interface. If you use it for the

first time, you need to configure a valid user name and password to it.

.As shown in the following image:

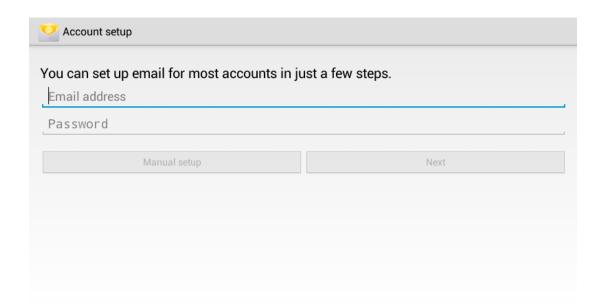Click next; you will enter the interface of account type interface. You can choose the type among the following three options: POP3, IMAP and Exchange. The following is the introduction to the configuration of Exchange:

Gmail account

In the Contact interface， you can press Option and select "account" ----> "add account" (You can also directly tap "Email" application to enter the interface);

Input your user name and password, and then click on the "Next";

Domain\Username: gmail.com\username (**@gmail.com);

Password: Input your password;

Exchange server: m.google.com.

QQ account

Log on QQ mailbox in web page, you can click "Settings" ----> "experience room" "Exchange mobile terminal synchronization service" ----> "I want to open";

In the Contact interface you can press [image] and select "account" ----> "add account" (or you can directly tap "Email" application to enter);
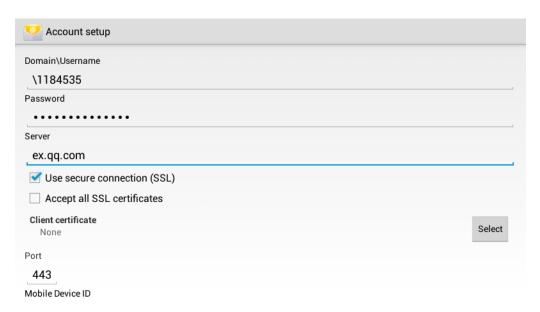
Input your QQ user name and password, and then click on the "Next";

Domain\Username : gmail.com\username（**@gmail.com）;

Password: Input your password;

Exchange server: ex.qq.com.

Click "Next" to the Exchange server Settings.

After the completion of the configuration, you can click "Next" to the interface of account options;

In the interface you can choose "Email checking frequency". It contains "Automatic (Push)", "Never", "Every 5 minutes", " Every 10 minutes"," Every 15 minutes"," Every 30 minutes" and " Per hour" and so on. You can also choose "Amount to synchronize". It contains "One day", "Three days", "One week", "Two weeks" or "One month".   And you can decide whether to enable "Send email from this account by default", "Notify me when email arrives" or "Sync contact from this account".

Click "next" to enter the interface of account names setting, you can set "Give this account a name (optional)" and "Your name (display on outgoing message)".

Click "Done", then you can go directly to the inbox interface to view mails.

In the Inbox interface, you can press [image], and then choose "Refresh", "Compose", "Folders", "Accounts" or "Account settings".

The "Folders" contains "Inbox", "Drafts", "Outbox", and "sent", "Trash" and so on.

Click on the "Accounts," you can go into the current account interface, and then press the Option key, you will see "add account" screen. You can add a new account there.

Long press an email, it will pop up a tip box in which you can choose "Open", "Delete", "Forward", "Reply all" or "Reply" for operation;

"Account settings" which has been mentioned groups all the Settings together. We will not repeat it here.
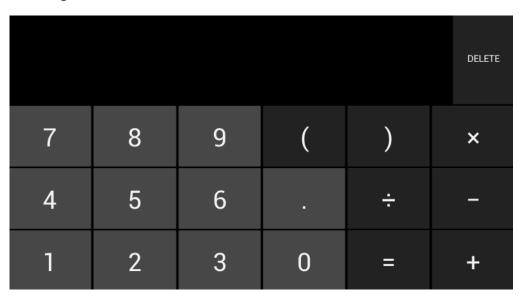
Calculator

The use of the calculator

You can touch the numbers and functions of the "calculator", just like the use of a standard calculator. If you touch the buttons of addition, subtraction, multiplication, and division, the display window will show you the corresponding operation symbols. So you can know the operations to perform.

The Basic panel

Touch "Calculator" to enter the basic panel.

The basic panel includes the most basic functions of the electronic calculators, which are very simple and practical, such as addition, subtraction, multiplication, and division.

The Advanced panel

Figure:

In the basic panel, you can enter the "advanced panel" either by selecting the "advanced panel" after touching the "Option " button, or sliding your single finger from right to left; In the advanced panel, you can return to the "basic panel" either by selecting the "basic panel" after touching the "Option " button, or sliding your single finger from left to right.

sin, cos, tan	To calculate a numerical value of trigonometric function(sin, cos, tan)
π	To input the value of π.
!	To calculate the factorial of a numeric.
ln	To calculate the natural logarithm of a numeric.
log	To calculate the logarithm of a numeric.
e	To input the value of e.
^	To calculate the n exponent of a numeric.
√	To calculate the square root of a numeric.

View history

After opening the calculator, you can check the historical data that have been operated by touching the up and down navigation keys.

Clear history

After opening the calculator, you can press the "Option" button and then select "clear history" to clear all of the historical data saved before.

Edit text

When entering text, you can select one input method after long pressing the input box. If there is text in the input box already, you can choose the following operations in the pop-up window: "Select all", "Select text", "Cut all", "and Copy all", "Input method".

Exit calculator

By pressing the "return" key, you can exit and close calculator application.

Note pad
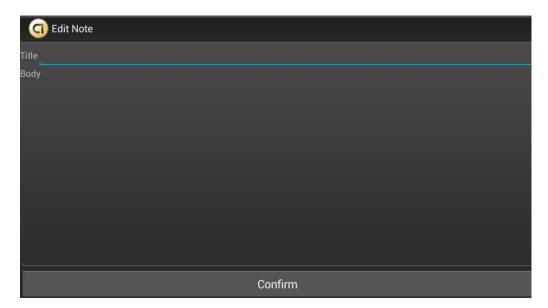
You can write down a memo for checking at any time.

Add a memo record

You can either touch "Add note", or select the "Add note" after touching the "Option" button to enter the interface of "edit notepad". You can enter the information that you want to record. The memo will be saved if you touch the return key. If you select "Discard", the memo will not be saved. Then you will exit from the edit interface. As shown in the following figure:

Besides, you can touch the icon of the notepad to enter the interface of editing where you can add a memo needed.

View a memo

You can check a memo by touching it after opening the notepad.

Edit a memo

Touch "Note pad", select the memo needed to be modified, touch the "Option"

button ⬚ and choose "edit text" to enter the notepad editing screen, after

modification completion, press the return key to be saved, or press the "Option

" button to choose "Discard" don't save exit editing screen.

Edit the title of a memo

Firstly, you need to touch "Note pad "and choose the title needed to be

modified. Secondly, you should press "option" button ⬚ and choose

"Edit the title" in the in the pop-up dialog box. Lastly, you should click "Yes" to

save the new title and exit from the "Edit the title" window.
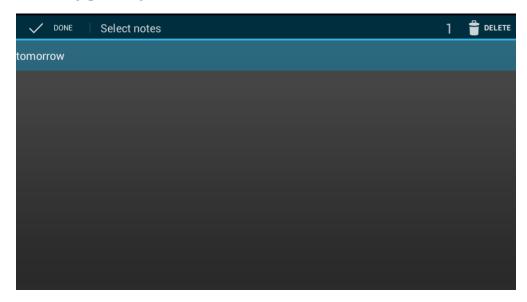
Besides, you can touch the "option" button in the text editing screen at first,

and select "Edit title". Then do the above operations.

Delete a memo

You need to touch "Note pad "and choose the memo that you want to

delete .Then you can delete it if you touch the "Option " button and select

"Delete".

Besides, you can delete a memo by choosing "delete" in the pop-up window

after long-pressing on the memo.

Closed notepad

By touching the return key, you can exit the notepad.

Browser

You can surf and browse web with the terminal just like using a computer. The default home page is Google search home page; you can change it by setting.

Open web

For the first time, please touch "Browser" and go into the page, the default home page is Google search home page. If you have changed it, it will jump into the home page which is set. The pre-installed browser of android operation system does not have the feature of auto-exit. When you go into the browser once again, it may be the last interface before you tap the return key.

Input the website

You can directly input the website you want to scan at the address bar, and then tap "Go" or   to search in the input box.

If the contents of the webpage are too many, you can quickly click the screen twice, and then it will zoom in or zoom out.

When you press the [≡] button on the phone, it will show you all functions of the browser.

If you click "More", it will show you other functions.

If you click "setting", you can set the browser more detailed.
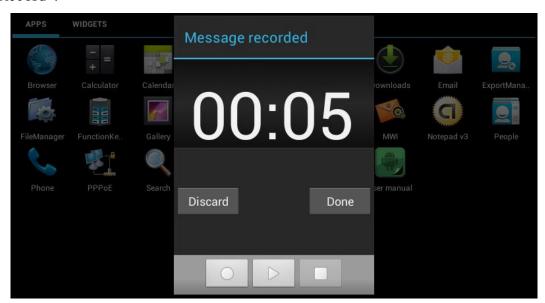
Recorder

You can record at any time and at any place.

Tap "Recorder" to open the recorder application.

The recording documents mainly include "Local Record" and "Talking Record".

You can tap "Recorder" application to make local record or you can make talking record when you have a call.

Add record

You can enter the interface of recording, if you touch "Add a recording" in the recorder window. Then, you can tap the "Record" button to start recording. If it

is finished, you can tap the "Stop" button to stop. The user can choose "Yes" to save it or choose "Cancel" to discard it in the pop-up dialog box. As shown in the following figure:

Play the records

Firstly, you should use the navigation key up and down button to select a sound recording. And then, you need to touch "Play" button to go into the playing interface. At last, you should touch "Play" to start. Besides you can touch "Pause" to stop playing temporarily .In this way, you can realize the switch between playing and pausing.

You can also directly tap a recording document in your single finger to go into the playing interface and to play the document.

Delete the records

Firstly, you should use the up and down navigation button to select a recording documents, and then you just need to touch the "Delete" button to delete the selected documents.

Backup the records

When you plug in an external device, you can see the tape "backup" option on the screen. Please touch "backup" and select the recording document needed to be backed, and then touch "OK" to start. You can also touch "Cancel" button to cancel the backup.

Close the Recorder

You can exit and turn off the recorder either by touching the return key or click "Quit".
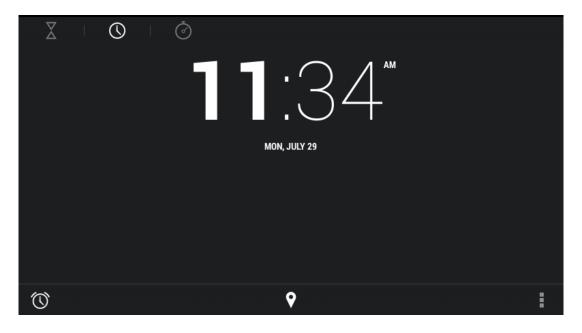
Digital clock

Clock

This app includes world time, timer, stopwatch, alarm clock and so on.

World Time: Click the "clock" application, you can choose to display different time

of some countries when you click the icon of address.

11:34 AM

MON, JULY 29
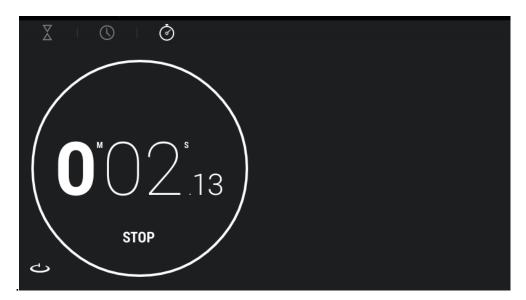
World time interface

Timer: You should first click the "Clock" application, and then press the first icon in

the upper right corner to enter the timer interface, finally, enter a time and

some countries when you click the icon of address.

Timer interface

Stopwatch: You should first click the "clock" application, and then click on the third

icon which located on the top right corner to enter the Stopwatch interface; it will

work when you click the "start"

Stopwatch interface
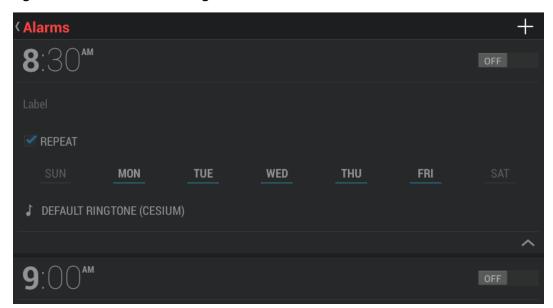
Alarm clock： You should click on the "clock" application firstly, and then click on the icon of

alarm clock to enter the settings interface.

Add an alarm clock：Enter the settings interface first and click the "+" ,then input

the time you set and click "OK" .You also can click "repeat" and

"music" to choose period of ringing and the ringtone.

Modify Alarm: Click the button of drop-down below each alarm to display the alarm

details, you can modify the entries.

Delete an alarm: Tap the desired alarm which to be deleted, slide your finger from

right to left or from left to right slide to delete the alarm.

Alarm clock interface

Gallery

You can browse photos and videos easily.

Browse Pictures

Tap "Gallery" application, open a gallery album, press "Option" key, select

"Slideshow", then the screen will display the pictures in the form of slide

mode.

You can also manually view each picture by sliding the screen from left to right

or click the left (right) arrow on the screen.

General Settings

Configuration item	Meaning
Display size	Select the display size of pictures and videos.
Sort order	Select the sort order of pictures and videos
Confirm deletions	Show confirmation before deleting a picture or video.

Slideshow settings

Configuration item	Meaning
Slideshow interval	Select how long each slide displays in the show.
Slideshow transition	Select the effect used when moving from one slide to the next.
Repeat Slideshow	Play slideshow more than once.
Shuffle slideshow	Show pictures in random order.
Thumb slides	Play slideshow in thumb or full-size.

Batch delete

In a file or directory, press [≡] to select "Multi-select", and then select images or videos you want, click "Delete" or "Cancel", you can achieve batch delete or cancel your operation.

Note:

When you view the pictures, you can select "enlarge", "reduce", "Set as Contact icon or Wallpaper", or you can press [≡] to choose "Rotate", "Delete", "Crop", "Set as", "Details", "More" to operate the picture.

File Manager

You can easily organize multiple files. The view of the File Manager as the Figure 1 and Figure 2 are as follows:

Figure 1

Figure 2

"Figure 1" is showing files as icon, "Figure 2" is showing files as a list, the form of the list will display the operation time of the file (need to be checked in the settings). Long press a file, you can select "Open", "Copy", "Cut", "Paste", "Delete", "Rename", "Select/Cancel" and "Properties" to operate.

By taping the "Multiple" button, multiple files can be selected.

After your taping on the "Up" button, it can return to the previous page.

After your taping on the "History" button, it can show the resent historical of operations.

After your taping on the "Icon/List" button, it will show files as different view.

By taping the "Refresh", you can refresh the view.

By taping the "More" button, you can do more operations such as "New Folder", "New File", "Paste", "Search", "APK Manager", "Settings", "Multiple/Cancel", and "Exit", as shown in the Figure 3:

Figure 3

New Folder: You can create a new folder.

Paste: Past the copied and cut file.

Search: You can choose "Case sensitive" or "Exact match" to search the files that match the input.

APK Management：Manage the applications. Follow the steps:

Tap "**APK Manage**r"-->" "--> you can select "All software, System software, User software or Refresh List"--> select one application--> pop up a list--> you can choose "Start Software, Uninstalling Software, Backup Software or Details", then you can know more details.

Settings: Click to enter the APK Backup Directory, select whether to "Hide prefix. File", "Display file size (list)" or "Show documents time (list)".

Multiple：Multi choice, when click it, you can select Multiple Files, then long press screen to open、copy、cut or do other operations.

Exit: Exit from the **File-Manager** application.

Function—key

This application can be mapped to a variety of buttons, number, address and so on , and can realize a lot of speed operation.

Tap "function key", the terminal will display sixteen function buttons of the current interface; default button is displayed as blank. You can tap the digital at the top of the screen to switch to other interface or slide your finger around quickly switch interface. This application can set ninety six function-key. If you configured the function-key, the button will display corresponding name.

You can also use the navigation key on the terminal to view the configured function-key. The button on blue background represents the currently selected

function-key.

Shown：

Function-key configuration interface

Management of the function-key

● **Function-key edition**

You could click an empty button, then tap "edit" to enter the editing interface.

Type	Meaning
Memory Key	Clicking on the button you can dial the mapped number directly 。 Name：contact name Phone：contact number Sip ：sip line for calls Subscribe: BLF、Presence、Speed Dial and Intercom Call type：Audio and video Pickup number：input the pickup number。

Pickup : That is, when A calls B, B ringing but no one answered the call, C could dial a number which is comprised of specified prefix and B's number, and then C can talk with A.

BLF : It used to prompt you the state of the subscribe user, and that could pick up the subscribed number by the state. BLF help you monitor the state of subscribe user (idle, ringing, a call).

Status Light :

Green bright :　the user is idle
　Red bright　:　the user is ringing
Yellow bright:　　the user is in a call
　Gray bright :　　subscribe failed

Presence : Compared to BLF, the Presence is also able to view whether the user is online.
Note: You cannot subscribe the same number for BLF and Presence at the same time

Speed dial : You can call the number directly which you set. This feature is convenient for you to dial the number which you frequently dialed.

Intercom : This feature allows the operator or the secretary to connect the phone quickly; it is widely used in office environments.

Sip	The button map the sip line, it enter the dial pad and light the default sip line when you click the button. Name :display name Sip　 : sip line which will be set
Hard-key	The button map some hard-key。 Name 　: Consistent with the subscription name Subscribe 　: Some basic keys
DTMF	It maps the keypad of the phone, allowing you to edit the dialed number or input numbers during a call.

	Name : display name
	Phone : DTMF strings
URL	It maps the website; click it to open the URL directly.
	Name : display name
	Phone : the website

Function-key setting interface

Delete function-key

Press the function-key button you want to delete for one second, and then click the

"Delete" option.

Function-key edition

Press the function-key button you want to edit for one second, and then click the

"edit" option.

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Function-key edition interface
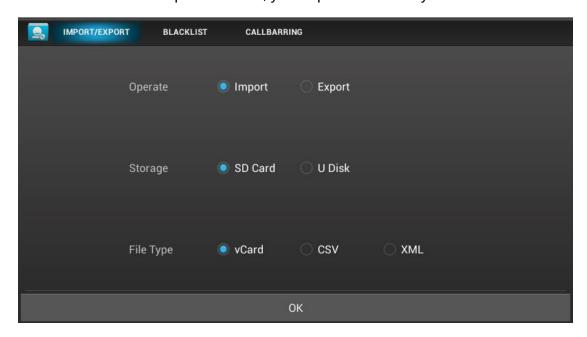
ExportManager

You can use this software to export contacts in the different format, add blacklist

and call barring。

Import/Export

Export： You can click the "Import/Export Management", enter the Import / Export

interface. Then you can click the "Export" button, select the export type, and

click the "OK" button to enter the folder. Finally，clicking the "OK" button to

export contacts，you export successfully.

Import： You can Click the "Import/Export Management", enter the Import / Export

interface. Then you can click the "Import" button, select the import type, click

the "OK" button，select the file to import in File Manager. Finally, clicking the

"OK" button to import contacts, you import successfully

Import / Export interface

Blacklist

Add blacklist : You can click the "Import/Export Management", enter the Import /

Export interface. Then you can click on the "blacklist" button (slide your

finger touches the screen from right to left to switch to the blacklist

interface). You can click the "Options" button，choose a custom number

or via the contact to add.Finally clicking the "OK" button，that is added

successfully。

Note **:** Subject the added blacklist effect，you should check the option,

"Settings-Call-General-Enable blacklist"

Remove blacklist : You can enter blacklist interface，long press one number，

and "delete" button will appear in the title bar. You can select the

number you want to delete，and click the delete button。

Blacklist interface

Callbarring

Add callbarring：You can click the "Import/Export Management", enter the Import

/ Export interface, and click on the "callbarring" button (slide your

finger touches the screen from right to left to switch to the
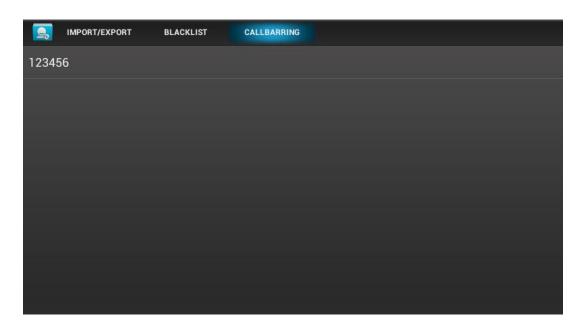
callbarring interface). Then you can click the "Options" button，

choose a custom number or via the contact to add.Finally,clicking

the "OK" button，that is added successfully。

Note **：**Subject the added callbarring effect，you should check the option,

"Settings-Call-General-Enable callbarring"

Remove callbarring：You can enter callbarring interface，long press one number，

and"delete" button will appear in the title bar.Then you can select

the number you want to delete，click the delete button。

Callbarring interface

Camera

You can take pictures at any time and share them with your friends.

Photograph

Tap "camera", the phone screen will show camera interface, then tap the photo button in the lower right corner to take picture; you can also enlarge on the image before taking pictures, in order to achieve better shooting effect

In the photo window, you can also tap the "Option" button, select the "Gallery", it is easy to view all the pictures in the gallery, including photographs that have been took.

Shooting Setting

The user can tap the "Option" button, select "Settings", enter the camera settings interface, and then you can save photos and conduct the picture quality settings.

Browse photos

After taking the picture, you can tap the small photo icon of the upper right corner to view photos.

Users can use finger touch photos, it will shows "amplifier" and "narrow" buttons, the user can set the picture as wallpaper or contact icon through the "amplifier" or "narrow" button.

Tap the "Done" or return button to exit the photo view window.

Photo process

Tap the "Option " button when you view the photos, select "spin", you can rotate left or right, and it will be automatically saved; you can select the "pruning", then trim operation is completed. You can click "save "button to save, or click the" discard "button to unsaved.

Delete photos

In the photo viewer window, you can lightly tap the upper right corner of the "delete" button; you also can delete the corresponding photos.
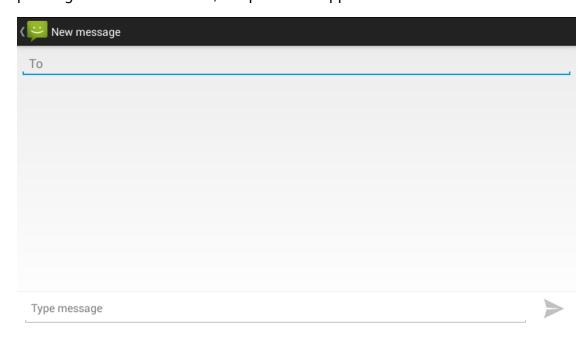
Turn off the camera

In the camera window, you can tap the "Back" button to exit and close the camera application.

SMS

Pressing on the screen "message" to enter write information interface , and pressing "NEW MESSAGE" , the phone will appear as shown below :

Edit the new information interface

Recipients : Here you can enter the number which you want to send a message to. While entering the number , there will be prompted to for documented contacts.You can enter the text message content below and click the left button to add an attachment clip into MMS. You can click the bottom right of the

"Send" button to send the message. Shown:

Name

Next

Select Add contact number interface

Delete SMS : In the SMS interface, long press a text messages, then the title bar will

appear delete options. You can click on the message to delete, and click

the Delete button to delete the selected message.

Settings : In the SMS screen, you can press the "Options" button, and select

"Settings" option on the message of each configuration item

Music

It has high-quality sound, and you may enjoy listening to music in android IP video phone se780.

Tap "music" to open the application.

View music files

You can view the music files in different statuses by tapping "Artists",

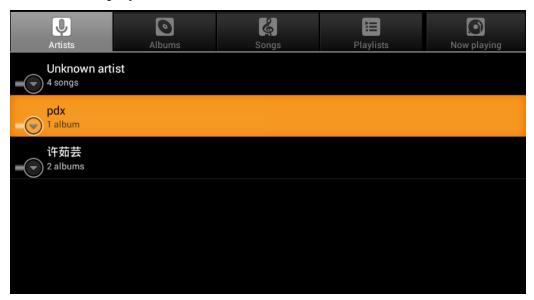"Albums", "Songs", "Playlists" and "Now playing".

Play music files

Press Option   button in the "Songs" interface; you can choose "Party shuffle", "Shuffle all" or "Play all" according to the different pop-up box.

Long press an artist in the "Artists" interface, then select "Play" in the pop-up box, you can play all the songs of this artist.

Long press an album in the "Albums" interface, then select "Play" in the pop-up box, you can play all the songs of this album.

Long press a playlist in the "Playlists" interface, then select "Play" in the pop-up box, you can play all the songs of the playlist.

Long press a song in the "Songs" interface, then select "Play" in the pop-up box, then it can be played.

Delete music files

Long press an artist, an album or a song, then select "Delete" in the popup box, you can achieve the purpose of deleting music files. Pay attention to that the deleted files are permanently deleted and cannot be recovered.

Search music files

Long press a piece of music file, select the "Search" in the pop-up box, then select "Browser" or "Music "to search the music files.

Make phone ringtone

Long press a piece of song, select "Use as phone ringtone" in the pop-up box, it will set the song as the ringtone of phone.

New playlist

Tap "Now playing" to open the music player, then tap the playlist icon to enter the playing list. You can choose a song and long press it, choose "Add to playlist" in the pop-up box, and then choose "New". Then a new playlist will be created.

Or you can tap "Now playing" to open the music player, then press Option key, chooses "Add to playlist", and then choose "New playlist". Then a new playlist will be created.

Add music to playlist

Long press an artist, an album or a piece of song, and select "Add to playlist" in the pop-up box.

Delete music file from playlist

Enter the corresponding playlist, long press a piece of song file, select "Delete" in the pop-up box and the music will be deleted successfully.

Or you can tap "Now playing" to open the music player, then tap "Playlist" button, enter "Now playing" interface, long press a piece of song, and choose "delete from the playlist", then you have finished the purpose of deleting music file.

Difference between the default playlist and the list of user-defined

The default playlist can be only played or edited, but the user-defined can be played, deleted and or renamed.

Music settings

In the "Now playing" interface, you can set the play mode, including "Repeat off", "Repeat all songs" and "Repeat current song".

Calendar

You can view the current "year, month, day" and "day of week" through the calendar, so it is convenient for you to arrange your daily routine.

And you can also create one or more new events to remind you doing sth.

Movie Studio

You can use this software to make your own DIY film。

1. Click "movie studio" applications；

2. Click Create a new project, fill out the "Project Name" and click OK to enter film

    production interface；

3. Click the Add button in the upper right corner ,you can "record video", "photo",

    "import video clips" and "Import Pictures"。

4. After adding the screen click the Play button to play the movies produced；

movie studio interface

5. Press the "Options" button, Select Export Movie, then you can export the
   movie to "/ sdcard / movies "directory。
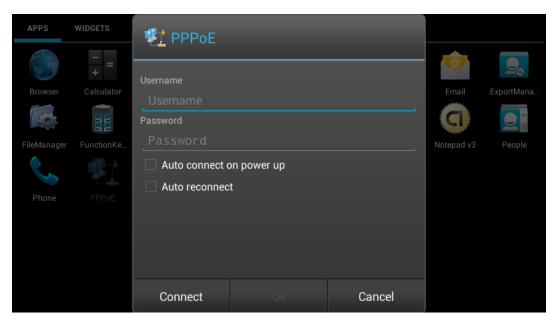
PPPoE

PPPoE is point-to-point protocol over Ethernet abbreviation , it can make the host

connect to a remote access concentrator via a simple Ethernet bridging device。

Through the PPPoE protocol , remote access equipment can be achieved for each

user access control and billing.

1. click on the "PPPoE" Application

2. input user name, password

3. click on the link
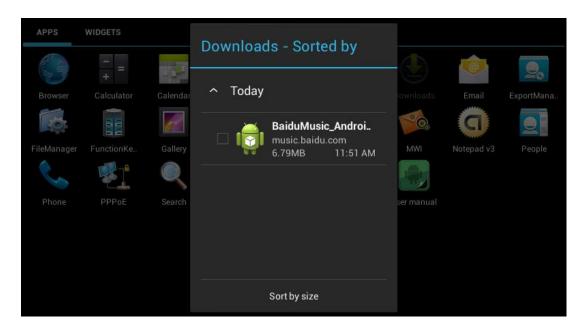
PPPoE interface

Downloads

Click the "download" ,you can view the application from the webpage Downloads.

Downloads interface

Android system setting

You can enter the "APPS", press "Settings", and you will go into the Settings

interface。

WIRELESS&NETWORKS

WIRELESS & NETWORKS

Ethernet configuration

WIRELESS&NETWORKS interface

Ethernet configuration

Click "Settings", select " Ethernet configuration" switch to the Ethernet

configuration interface。

configurat ion item	meanings
Ethernet	When enabled, the phone will attempt to connect to the network。

Ethernet configuration	**Ethernet Devices :** The select list click the pop-up physical network card, the default eth0.
	DHCP : The use of dynamic IP network connection。
	Use Static DNS **:** Whether to use the DHCP server DNS network connection。
	Static IP : Use static IP network connection。
	IP address : Enter your assigned IP address。
	Netmask : Enter the subnet mask you are assigned。
	DNS address : Primary DNS server address you input。
	DNS2 address : Input the backup DNS server address of your。
	Gateway address : Enter the gateway address you are assigned。
VPN	VPN is the English Virtual Private Network, Chinese name is virtual private network。 VPN network is a special private network in public on the Internet a construction. The current VPN network protocol used is L2F, L2TP, PPTP, IPSec etc.. At present many companies through the VPN network to let employees and connected by Internet Mail internal network company or view the company intranet。 Using the tutorial
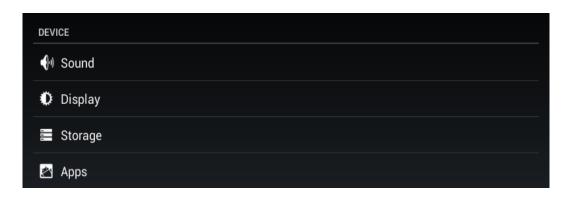
equipment

Device Settings interface

voice

configuration item	meaning
voice	Adjust the media, ringtones and notifications, and the volume of the alarm clock.
mobile phone ringtone	Select call bell.
The default notification sound	When selecting text messages to prompt.
Dial-up touch keyboard sound	After open click to dial a beep .
Touch the prompt	After opening a beep when touching the screen.
Lock screen prompt	After opening a beep when the lock screen.

display

configuration item	meaning
brightness	Adjust the screen brightness (can be made automatically adjust screen brightness).
wallpaper	Set the phone screen wallpaper Live wallpaper: use the system with dynamic wallpaper, screen wallpaper dynamic; Gallery: pick up image from the gallery as the wallpaper; Take picture as wallpaper wallpaper: use system;
dormant	Choose when to phone without any operation after a certain time, the unit into a dormant state.

Interactive screen saver	To set a certain time without operation into the screen saver mode.
font size	Telephone system used by the font size.

store

Check the phone memory, application, such as images of controls, and the unit space left.
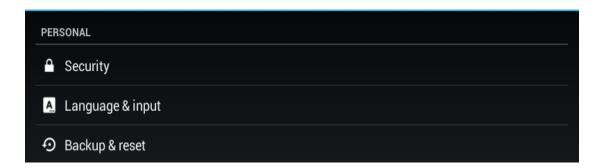
application

configuration item	meaning
Have downloaded	Display from the browser to download the application.
Running	According to the running program.
all	According to the unit to install all the applications.

user

According to local owner name, nickname and owner information and other user information.

personal

Personal Settings interface

security

configuration item	meaning
Screen lock	By sliding, custom design, input the PIN code to unlock the screen, enter the password that was set up.

|	
Owner Information	Under the condition of the lock screen display information of the machine owner.
Encrypted cell phones	Need to input Numbers every time you boot PIN or password to decrypt the mobile phone.
display password	After open the password input box type in the password password there will be a period of time, according to not access password displayed directly after the dot.
device manager	Display devices in a computer.
unknown sources	Allowed to install third party applications.
Verify the application	Application of banning installation may cause damage, or warned before installation
A trusted credentials	Display the trusted CA certificate
Install from SD card	From the SD card installed certificate
Removal of credentials	Delete all certificates
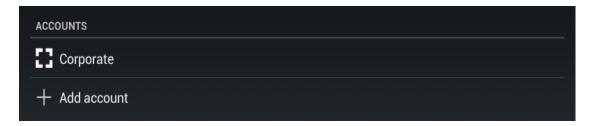
Language and input method

Configuration items	meaning
language	Set the unit display language.
Spell check tool	Again after the commissioning of the text box input letters spell the answer will give some advice.
Personal dictionary	Users can customize the words, phrases, when the input is convenient and quick.
Keyboard and input method	Set the system default input method.
Text to speech output	The input text into speech output.
Pointer to the speed	When using the mouse/trackpad control system, set the pointer speed of sliding.

Backup and reset

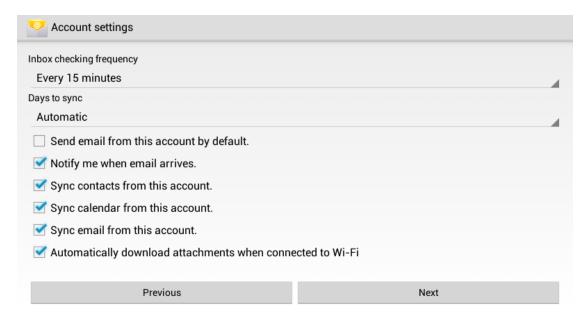| configuration item	meaning
Restore factory Settings	Erase all data on mobile phone.

Add Account

Account Settings interface

1．Add the E-mail account (gmail, for example)

1. lick add account, select the email option
2. Enter the email address and password
3. Click next to enter account Settings interface
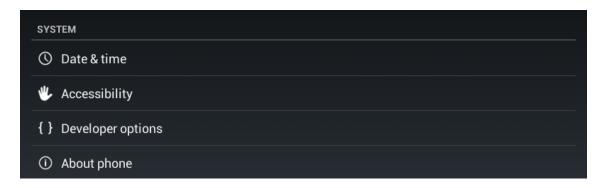
Click on next, account has been created.

2. Add Exchange account (must set in the mail "Exchange service" open, in qq mail, for

example: the browser into the qq email a set a experience chamber aExchange mobile
terminal synchronization service, click on the "open")

1. Click add account, select the option

2. Input the qq email address and password, click next to enter account Settings

interface

3. "Server" changed to: ex.qq.com, and click next

4. The related parameters configured, click next, account creation is successful.

system

System Settings interface

date & time

configuration item	meaning
Automatically determine the date and time	After the commissioning of the unit and the network time synchronization.
Automatically determine the time zone	Use on the network after the commissioning of time zones.
Sets the date	The user manual setting the current date.
set time	User to manually set the current time.
Select time zone	User manual select time zone.
Use 24-hour format	Enabled, the time will be displayed in 24 hour format.
Choose a date format	Select a date display format, the younger - month - day, days - on - year and month - day - year three models for choice.

Auxiliary function

configuration item	meaning
service	According to installation services.
Zoom gestures	Enabled, the user can click on the screen to zoom in three times.
Large letters	Enabled, the system displays a bigger size font.
Auto Rotate Screen	Enabled, the screen can be according to the need to implement landscape or portrait.
To say the password	Enabled, you can voice tell the password to unlock the screen.
Auxiliary function shortcut	The shortcuts on the lock screen to temporarily enable auxiliary functions.

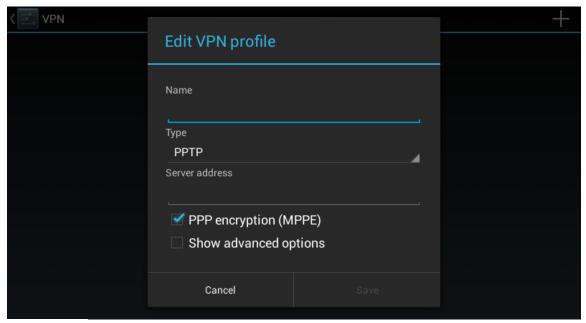|	
Text to speech output	The input text into speech output.
Touch and hold the latency	Finger touch and hold down until the time interval of operation response.
Enhance web auxiliary functions	Enabled, allows an installation script from Google in the browser, in order to browse web content of these applications.

Developers options

configuration item	meaning
Submit bug reports	This will collect information about the current state of the equipment, and in the form of an email sent.
Desktop backup password	Used for desktop full backup password.
HDCP check	Use HDCP check "never check only check the DRM content", "check" or "always".
The SD card read and write protection	When enabled, the SD card read and write need permissions.
USB debugging	Enabled, enter the usb debugging mode.
Power button menu error report	Enabled, in pressing the power button a pop-up menu to add the option to submit bug reports.
Allow the simulation location	Allow the simulation location.
Choose to debug the application	Choose to debug the application.
Waiting for the debugger	To debug the application will wait additional debugger before execution.
Via USB authentication applications	By the ADB/ADT check whether installation of application is harmful behavior.
According to touch	Enabled, provide visual cues to touch.
Pointer to the location	Enabled, displays the current touch screen overlay layer data.
According to layout the boundary	Enabled, displays the unit each layout editing borders, margins, etc.
Display GPU view update	When enabled, using the GPU for drawing flashing in the display window view.
Update the display hardware layer	Enabled, when update display for the green Flash hardware layer.
Show excessive GPU rendering	When enabled, using the GPU for drawing shows from best to worst: blue, green, pink, red.
Display surface updates	When enabled, the window of the plane to update all shine.
Zoom window animation	Settings window animation scaling.
Transition animations zoom	Scaling Settings window switch.
Animation program length adjustment	Set the animation program long scaling.

Stop using HW overlay	Enabled, always use the GPU to the screen.
To enforce the GPU rendering	Enabled, mandatory use of GPU to 2 d drawing.
Mandatory to enable 4 x MSAA	Enabled, in OpenGL ES 2.0 application to enable 4 x MSAA.
Simulation auxiliary display device	Overlay view, can choose according to the proportion of display window.
Enable the strict mode	Enabled, the operation is applied in the main thread executive time scintillation screen.
Displays CPU usage	When enabled, the screen overlay display the current CPU usage.
The GPU rendering mode analysis	Enabled, the calculation of the adb shell dumpsys gfxinfo in present time.
Enable OpenGL tracking	So you can use Logcat, Systrace or glGetError to follow up the implementation of OpenGL.
Enable the trace	Enable tracking mode.
Do not keep activity	Enabled, the user left after the destruction of each activity.
Background process limit	Setting allows the number of background processes.
Display all "application not responding" (ANR)	Enabled, application for the backend application shows "no response" dialog.

About the phone

configuration item	meaning
Other system update	Through the server check the updates.
State information	Display system boot time.
Legal information	According to the open source license.
model	According to the unit type.
Android version	Display the current android version.
Kernel version	Display the current kernel version.
The version number	Show the current version number.

VPN Agent for the tutorial（PPTP）

1. Open the phone Settings menu and select "VPN" option, then enter the VPN Settings.

    2. "To set the lock screen will be prompted for the first time the PIN or password

        to use the credential storage", and click ok.

    3. Choose a password after type is set to continue.

4. Click the add button in the top right corner
    Name: can use any name
    Type: the PPTP
    Server address: set to oneself want to dial the VPN domain (such as W1ZXVPN server us.w1zxvpn.com)

5. Set up after the completion of the click save

6. To return to the VPN Settings bar, click just set up VPN name, enter your user password then click the connection

7. The connection is completed can free access to the InternetVPN

8. After the success of the VPN dial-up network icon on the top of the mobile phone

    to remind bar display, you can also check the mobile phone has been connected to

    the VPN network, click on the icon to disconnect the VPN network

Web page configuration description

When both of the D900 phone and your PC are successfully connected to the network, enter the IP address and the web browser port about your phone as the URL such as "http://xxx.xxx.xxx.xxx:8080/" (8080 is the web browser port. Telephone IP address can be found on the phone status or at the **system** interface of **Settings**), then you can see the login page shows as the following picture. Enter the user name and password and click "Logon" button to the detailed interface.
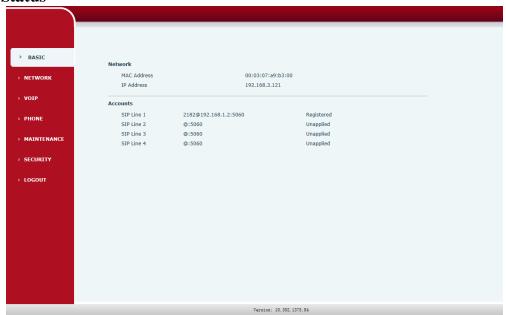

Login page

Enter the user name and password and click "Logon" button to the detailed interface.

Field name	Explanation
User name	User name： 1. Administrator：admin 2. Ordinary users：guest

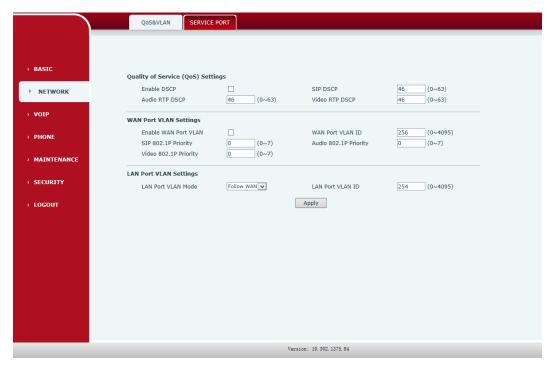| Password	**Password**： 1. Administrator：admin 2. Ordinary users：guest

Basic

- **Status**

STATUS interface

The following table shows some of the basic settings of the specific meaning of parameters and their representatives :

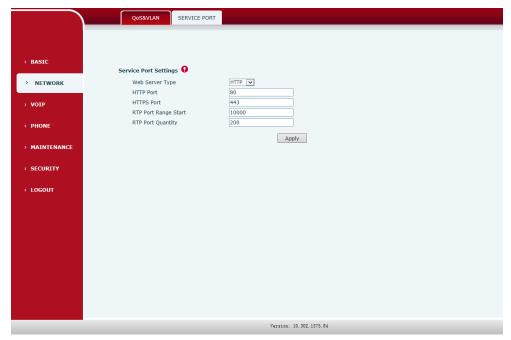| Field name	Explanation
Network	Shows the MAC address and IP address of the telephone.
Phone Number	Shows the phone numbers provided by the SIP LINE 1-4 servers. The last line shows the version number and issued date.

Network

- **QOS&VLAN**

QOS&VLAN interface

Field name	Explanation
QoS Settings	
Enable DSCP	Enable/Disable DSCP
Audio RTP DSCP	Set the number of Audio DSCP.
Video RTP DSCP	Set the number of Video DSCP.
SIP DSCP	Set the number of Signal DSCP.
WAN VLAN Settings	
Enable WAN Port VLAN	Enable/Disable VLAN.。
WAN Port VLAN ID	Set the number of VLAN ID. Range is 0~4095.
Signal 802.1P Priority	Set the priority number of Signal 802.1p. Valid value is 0~7.
Voice 802.1P Priority	Set the priority number of Voice 802.1p. Valid value is 0~7.
Video 802.1P Priority	Set the priority number of Video 802.1p. Valid

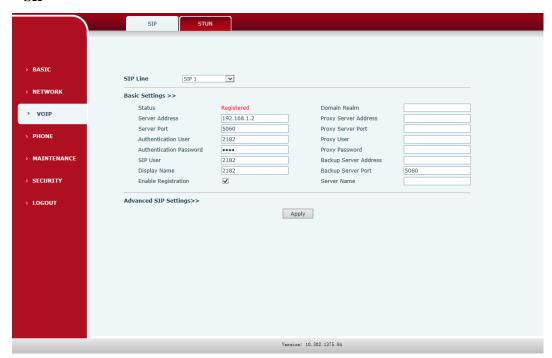|	value is 0~7.
LAN Port VLAN Settings	
LAN Port VLAN	Enable/Disable Port VLAN. ➢ Disable: Disable Port VLAN. ➢ Follow WAN: Follow the ID number of WAN. ➢ Enable: Enable Port VLAN and set the Port VLAN ID different from WAN.
LAN Port VLAN ID	Set the number of Port VLAN ID different from WAN. Range is 0~4095.

- **SERVER PORT**

SERVER PORT interface

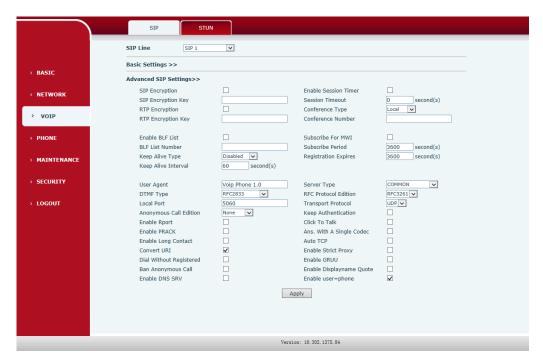| Field name	Explanation
Service Port Settings **Notice: Please reboot the system if you modify the HTTP port number(The new number should be greater than 1024)!**	
Web Server Type	Use the type of web server, you can choose HTTP or HTTPS. After selecting one server, you can use the selected server to login the telephone's web page. Such as : https://192.168.1.25 or http://192.168.1.25 .

HTTP Port	Set HTTP web browser port, the default is 80 port, if you want to enhance system safety, you'd better change it into non-80 standard port; Example: The IP address is 192.168.1.70. and the port value is 8090, the accessing address is http://192.168.1.70:8090
HTTPS Port	Set HTTPS web browser port.
RTP Start Port	Set the RTP Initial Port. It is dynamic allocation.
RTP Port Numbers	Set the maximum quantity of RTP Port, the default is 200.

VOIP

- **SIP**

SIP Basic Settings interface

Advanced SIP Setting interface

The following table shows some of the basic settings of the specific meaning of parameters and their representatives：

| Field name	Explanation
Choose line to set info about SIP, there are 4 lines to choose. You can switch by [**Load**] button.	
Basic Setting	
Status	Shows whether the phone has been registered the SIP server, if not, show Unapplied.
Server Address	Input your SIP server address.
Server Port	Set your SIP server port.
Account Name	Input your SIP register account name.
Password	Input your SIP register password.
Phone Number	Input the phone number assigned by your VoIP service provider. Phone will not register if there is no phone number configured.
Display Name	Set the display name.
Enable Registration	Enable/Disable resistration.
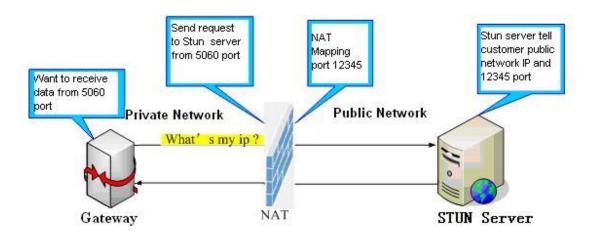
|	
Domain Realm	Set the sip domain if needed, otherwise this VoIP phone will use the Register server address as sip domain automatically. (Usually it is same with registered server and proxy server IP address).
Proxy Server Address	Set proxy server IP address. (Usually, Register SIP Server configuration is the same as Proxy SIP Server. But if your VoIP service provider give different configurations between Register SIP Server and Proxy SIP Server, you need make different settings)
Proxy Server Port	Set your Proxy SIP server port.
Proxy Account Name	Input your Proxy SIP server account.
Proxy Password	Input your Proxy SIP server password.
Backup Server Address	Phone backup server address, if the primary server is not successfully registered then enabled the backup server.
Backup Server port	Configure the backup server port.
Server Name	Set the server name. It is displayed on the dialer interface.
Advanced SIP Setting	
Signal Encryption	Enable/Disable Signal encryption.
Signal Key	Set the key for signal encryption.
RTP Encryption	Enable/Disable RTP encryption.
RTP Encryption Key	Set the key for RTP encryption.
Enable BLF List	Enable/Disable BLF List.
BLF List Number	Input the BLF List number.
User Agent	Set the user agent if you have, the default is VoIP Phone 1.0.
Keep Alive Type	Specify the keep alive type, if the type is option, the phone will send option sip message to server every NAT Keep Alive Period(s), then the server responses with 200 to keep alive. If the type is UDP, the phone will send UDP message to server to keep alive every NAT Keep Alive Period(s).
Keep Alive Interval	Set examining interval of the server, default is 60 seconds
DTMF Type	Select DTMF sending mode, there are three modes: * DTMF_RELAY * DTMF_RFC2833 * DTMF_SIP_INFO. Different service providers may provide different
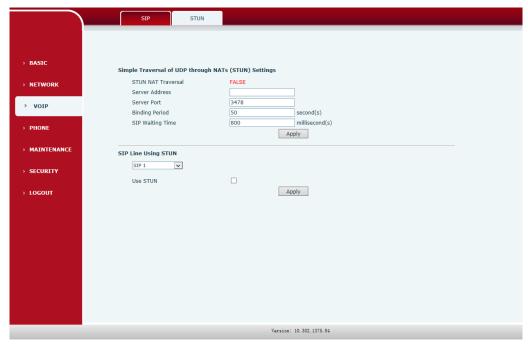
	mode.
Local Port	Set sip port of each line.
RFC Privacy Edition	Set Anonymous call out safely; Support RFC3323 and RFC3325.
Enable Via rport	Enable or disable system to support RFC3581. Via rport is a special way to realize SIP NAT.
Enable PRACK	Enable/Disable SIP PRACK function (basically is used at). Suggest using the default configuration.
Long Contact	Set more parameters in contact field, connect with SEM server.
URI Conversion	Convert # to %23 when send the URI.
Dial Without Register	Enable/Disable Dial without Register. If enabled, you can call directly the gateway.
Ban Anonymous Call	Set to ban anonymous Call.
Enable DNS SRV	Support DNS looking up with _sip.udp mode
Enable Session Timer	Enable/Disable Session Timer to support RFC4028 or not. It will refresh the SIP sessions.
Session Timeout	Set the time out of the session.
Conference Type	Select "Local" or "Remote".
Conference Number	Input the number of the conference.
Subscribe for MWI	Enable/Disable the subscribe for MWI.
Subscribe Period	Overtime of resending subscribe packet. Suggest using the default configuration.
Registration Expire	Set expire time of SIP server register, default is 60 seconds. If the register time of the server requested is longer or shorter than the expire time, the phone will change automatically the time into the time recommended by the server, and register again.
Server Type	Select the special type of server which is encrypted, or has some unique requirements or call flows.
RFC Protocol Edition	Select SIP protocol version to adapt for the SIP server which uses the same version as you select. For example, if the server is CISCO5300, you need to change to RFC2543, else phone may not cancel call normally. System uses RFC3261 as default.
Transport Protocol	Set transport protocols, TCP or UDP.
Keep Authentication	Enable or Disable. Keep Authentication. If it is enabled, system will take the last authentication field which is passed the authentication by server to the

	request packet. It will decrease the server's repeated authorization work
Click to talk	Set click to Talk (need practical software support).
Answer With a Single Codec	Enable/Disable the function. When call is incoming, phone replies SIP message with just one codec which phone supports.
Auto TCP	Set to use automatically TCP protocol to guarantee usability of transport when message is above 1300 byte.
Enable Strict Proxy	Support the special SIP server-when phone receives the packets sent from server, phone will use the source IP address, not the address in via field.
Enable GRUU	Set to support GRUU.
Enable Displayname Quote	Set to make quotation mark to display name as the phone sends out signal, in order to be compatible with server.
Enable user=phone	Whether the highest authority on the system.

- **Stun Configuration**

 By STUN server, the phone in private network could know the type of NAT and the NAT mapping IP and port of SIP. The phone might register itself to SIP server with global IP and port to realize the device both calling and being called in private network.
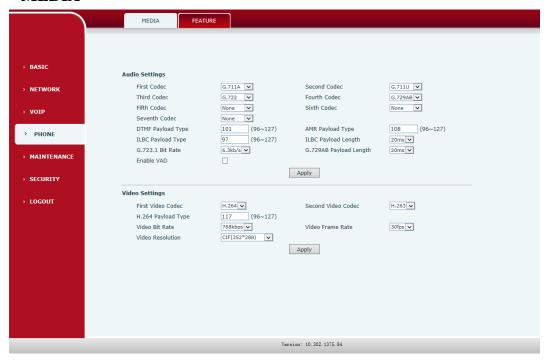
Stun interface

| Field name	Explanation
Stun Set	
STUN NAT Transversal	Shows STUN NAT Transverse estimation, true means STUN can penetrate NAT, while False means not.
STUN Server Address	Set your SIP STUN Server IP address.
STUN Server Port	Set your SIP STUN Server IP port.
STUN Binding Period	Set STUN Binding Period . If NAT server finds that a NAT mapping is idle after time out, it will release the mapping and the system need send a STUN packet to keep the mapping effective and alive.
SIP Waitting Time	When use stun, call waiting for the response of the stun overtime time.
Set Sip Line Use Stun	
Use Stun	Enable / disable SIP STUN.
Note: SIP STUN is used to realize SIP penetration to NAT. If your phone configures STUN Server IP and Port (default is 3478), and enable SIP Stun, you can use the ordinary SIP Server to realize penetration to NAT.	

PHONE

- **MEDIA**
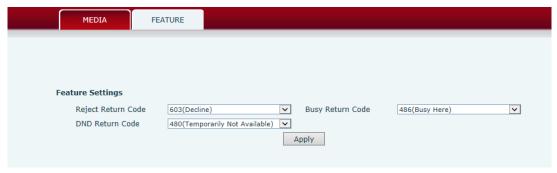
MEDIA interface

The following table shows the number of DSP configuration page configuration items and their meanings:

Field name	Explanation
Voice Configuration	
First Codec	The first preferential DSP codec: G.711A/u,G.722,G.723,G.729,iLBC,ARM
Second Codec	The second preferential DSP codec: G.711A/u,G.722,G.723,G.729,iLBC,ARM
Third Codec	The third preferential DSP codec: G.711A/u,G.722,G.723,G.729,iLBC,ARM
Fourth Codec	The fourth preferential DSP codec: G.711A/u,G.722,G.723,G.729,iLBC,ARM
Fifth Codec	The fifth preferential DSP codec: G.711A/u,G.722,G.723,G.729,iLBC,ARM
Sixth Codec	The sixth preferential DSP codec: G.711A/u,G.722,G.723,G.729,iLBC,ARM
Seventh Codec	The seventh preferential DSP codec: G.711A/u,G.722,G.723,G.729,iLBC,ARM
DTMF payload Type	Configure a dual - tone multi-frequency's effective payload.
ILBC Payload Type	Set the ILBC load type, value based on 96-127.

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| ILBC Payload Length	Set the ILBC payload length.
ARM Payload Type	Set the ARM payload type.
G723 Bit Rate	Select the G.723 rate, it has two rates.(5.3kb / s or 6.3kb / s)
G729 Payload Length	Configure the G729 audio coding Payload length.
VAD	Mute detection; if you enable VAD, G.729 payload length cannot be set more than 20ms.
Video Configuraion	
First Video Codec	The first preferential video codec: H.263, H.264.
Second Video Codec	The second preferential video codec: H.263, H.264.
H.264 Payload Type	Set the H.264 payload type, value based on 96-127.
Video Bit Rate	Set the Video Bit Rate.
Video Frame Rate	Set the Video Frame Rate.
Video Resolution	Set video resolution:QCIF(176*144),CIF(352*288) , VGA(640*480),4CIF(704*576),720P(1280x720).

- **FEATURE**
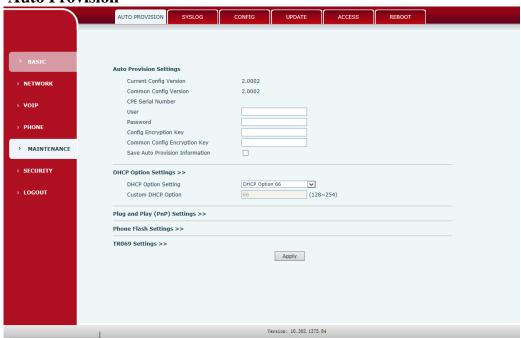
FEATURE interface

Field name	Explanation
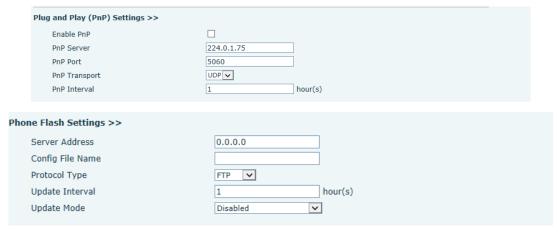
Reject Return Code	603, server reject the invite.
Busy Return Code	486, server is busy.
DND Return Code	480, do not disturb.

MAINTENANCE

- **Auto Provision**

AUTO PROVISON interface
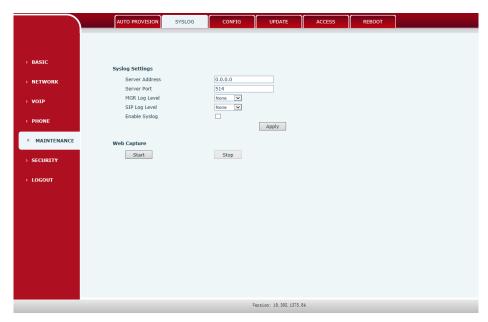
Field name	explanation
Auto Update Setting	
Current Config Version	Show the current config file's version. If the version of the configuration downloaded is higher than the version of the running configurations, the auto provision would upgrade, or stop here. If the endpoints confirm the configuration by Digest method, the endpoints wouldn't upgrade configuration unless the configuration in the server is different with the running configuration.
Common Config Version	Show the common config file's version. If the configuration downloaded and the running configurations are the same, the auto provision would stop here. If the endpoints confirm the configuration by Digest method, the endpoints wouldn't upgrade configuration unless the configuration in the server is different with the running configuration.
User	Specify FTP/HTTP/HTTPS server Username. System will use anonymous if username keep blank.
Password	Specify FTP/HTTP/HTTPS server Password.
Config Encrypt Key	Input the Encrypt Key, if the configuration file is encrypted.
Common Config Encrypt Key	Input the Common Encrypt Key, if the Common Configuration file is encrypted
Save Autoprovision Information	Save the username and password authentication message of http/https/ftp and input ID message in the phone until the URL in the server changes
DHCP Custom	
DHCP Option Setting	Specify DHCP Option. DHCP option supports DHCP custom option and DHCP option 66 and DHCP option 43 to obtain the parameters. You could choose one method among them，the default is DHCP option disable.
Custom DHCP Option	A valid Custom DHCP Option is from 128 to 254. The Custom DHCP Option must be in accordance with the

	one defined in the DHCP server.
Plug and Play	
Enable PnP	Enable PnP by selecting it, than the phone will send SIP SUBSCRIBE messages to a multicast address when it boots up. Any SIP server understanding that message will reply with a SIP NOTIFY message containing the Auto Provisioning Server URL where the phones can request their configuration.
PnP Server	Specify the PnP Server
PnP Port	Specify the PnP Server
PnP Transport	Specify the PnP Transfer protocol
PnP Interval	Specify the Interval time, unit is hour
Phone Flash	
Server Address	Set FTP/TFTP/HTTP/HTTPS server IP address for auto update. The address can be IP address or Domain name with subdirectory.
Config File Name	Set configuration file's name which need to update. System will use MAC as config file name if config file name keep blank. For example, 000102030405.。
Protocol Type	Specify the Protocol type FTP、TFTP or HTTP.
Update Interval	Specify update interval time, unit is hour.
Update Mode	Different update modes: 1. Disable: means no update 2. Update after reboot: means update after reboot. 3. Update at time interval: means periodic update.
TR069 Settings	
Enable TR069	Enable TR069 by selecting it
ACS Server Type	Specify the ACS Server Type
ACS Server URL	Specify the ACS Server URL
ACS User	Specify ACS User
ACS Password	Specify ACS Password
TR069 Auto Login	Enable TR069 Auto Login by selecting it
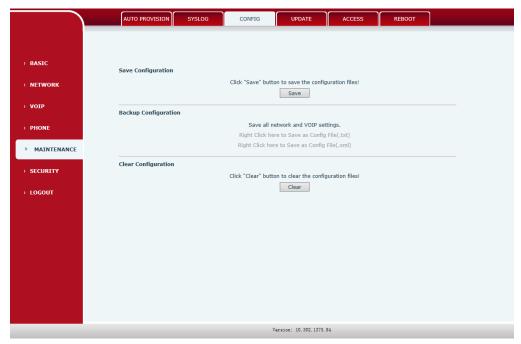
- **SYSLOG**

SYSLOG interface

Field name	Explanation
Syslog Settings	
Server Address	Set Syslog server IP address.
Server Port	Set Syslog server port.
MGR Log Level	Set the level of MGR log.
SIP Log Level	Set the level of SIP log.
Enable Syslog	Select it or not to enable or disable syslog.
Web Capture	
Start	Click the start button when you need capture the WAN packet stream of the phone, then open or save the file as the interface
Stop	Click the end button to stop capturing the packet stream

- **CONFIG**

CONFIG interface

| Field name	Explanation
Save Configuration	You can save all changes of configurations. Click the Save button, all changes of configuration will be saved, and be effective immediately.
Backup Configuration	Right clicks on "Right click here…" and select "Save Target As…." then you will save the config file in **.txt** or **.xml** format.
Clear Configuration	User can restore factory default configuration and reboot the phone. If you login as Admin, the phone will reset all configurations and restore factory default; if you login as Guest, the phone will reset all configurations except for VoIP accounts (SIP1-4) and version number.

- **UPDATE**
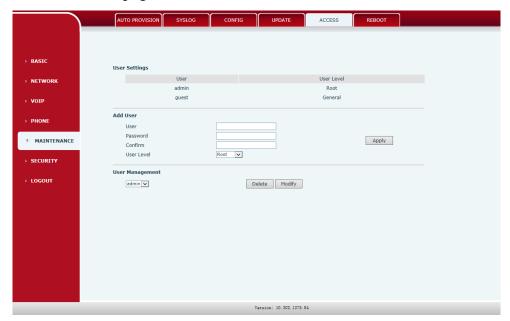
UPDATE interface

Field name	Explanation
Web Update	**Click the browse button, find out the config file saved before or provided by manufacturer, download it to the phone directly, press "Update" to save. You can also update downloaded update file, firmware by web.**

- **Account**

You can add or delete user account, and change the authority of each user account in this web page.

ACCOUNT interface

Field name	Explanation
User Settings	
User Name: User Level	admin：Administrator guest：Ordinary users
Adding User	
User Name	Set account user name.
Password	Set the password.
Confirm	Confirm the password.
User Level	Set user level. Root user has the right to modify configuration, General can only read.
User Management	

Select the account and click the **Modify** to modify the selected account, and click the **Delete** to delete the selected account.

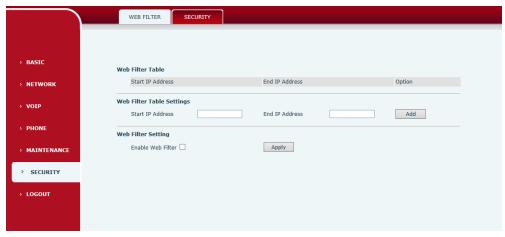General user only can add the user whose level is General.
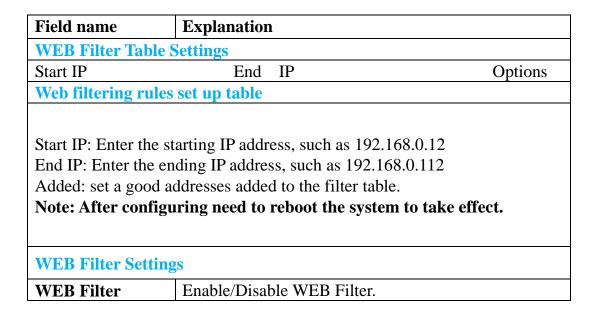

REBOOT interface

Field name	explanation
Reboot Phone	
Press the "Reboot" button to reboot Phone!	

SECURITY

- **WEB FILTER**

WEB FILTER interface

Field name	Explanation
WEB Filter Table Settings	
Start IP End IP Options	
Web filtering rules set up table	
Start IP: Enter the starting IP address, such as 192.168.0.12 End IP: Enter the ending IP address, such as 192.168.0.112 Added: set a good addresses added to the filter table. **Note: After configuring need to reboot the system to take effect.**	
WEB Filter Settings	
WEB Filter	Enable/Disable WEB Filter.

SECURITY interface

Field name	explanation
Update Security File	
Select Security File	Select the security file you want to update, then click Update button to update
Delete Security File	
Select Security File	Select the security file you want to delete, then click Delete button to update
SIP TLS File	Show SIP TLS authentication certification file
HTTPS File	Show HTTPS authentication certification file

LOGOUT

- **Logout**

Logout interface

Field name	Explanation

Click "logout" and you will exit web page. If you want to enter it next time, you need input user name and password again.

Note: For third-party software on the phone, users can directly through the phone's electronic market directly download and install the software and use, does not describe here.