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Dock IP Phone U7KS
User Manual

Univois Limited.

www.univois.com

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About this manual

Thank you for choosing Dock IP Phone U7KS. This IP Phone is specially designed for the user under the Office with fashionable appearance and complete functions. This manual aims to help you quickly use Dock IP Phone U7KS. Before use, please read the packing list and safety notes section of this manual, communicate with the system administrator to confirm if the current network environment can meet the requirements of configuring the Phone. If this is your first time to use Dock IP Phone U7KS, we recommend that you should read the quick operation guide and product technical manual. The document can be downloaded from the following website: <http://www.univois.com>.

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Getting Started

1.1 About

Univois U7KS is a feature-added IP Phone which can dock a cell phone or pad to realize “Cell Phone For Business”. Except normal features of a 3 lines HD IP Phone, after connection through bluetooth, MPL feature will allow you to use handset or speaker to answer the call for cell phone, you can even transfer the call to IPPBX. Of course, you can also use it to talk with the thirdparty UC client like Microsoft LYNC, Skype, Whatsapp. The convenient power-charging stand provides you nice experience when you use it for a video conference call. It comes with an EP+ communication APP which can allow you use the cell phone to make an IP Phone call, switching talking, etc.

1.2 Feature Highlights

- a) **Multi-Language**
The LCD display supports Multi-Language.
- b) **HD Voice**
Special voice processing technology, high-fidelity voice quality, HD encoding, HD Handset, ensure clear, realistic smooth communication.
- c) **Senior Calling Ability**
3 lines with RED LEDs, Synchronously control or manage 3 calls, Call queue, Switch between lines. Multi-parties conference, call transfer.
- d) **All kinds of Phone Book**
It supports XML Personal Phone Book\LDAP\Enterprise Phone Book etc. This feature satisfies customer's phone book requirements.
- e) **Support HTTP\TFTP\FTP\Auto-Provision.**
- f) **2 gigabit Ethernet ports, built-in POE,built-in bluetooth.**
- g) **Multi-angle adjustable bracket.**
- h) **Up to 15 programmable keys, (3 lines+ 12 paperless programmable keys).**

external APPLE/Android mobile phone & Pad.

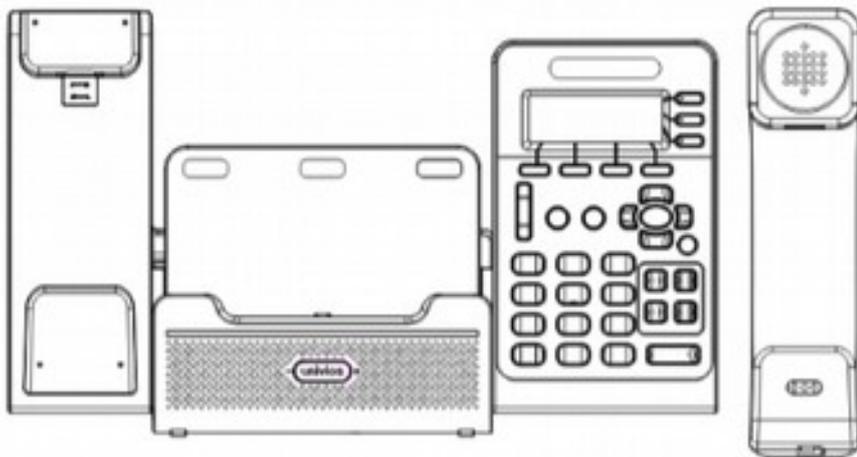
- j) 2 built-in USB interface, support external UniWIFI / UniBT adapter.
- k) Support EHS.

2. Set up the Phone

a) Packing List:

Check the packing list before installation, if you find anything missing, contact your system administrator.

- 1*U7KS IP Phone
- 1*Handset
- 1*Handset Cable
- 1*Ethernet Cable
- 1*Android Connector
- 1*IOS Connector
- 1*Type-C Connector
- 1*Quick Operation Guide
- 1*Power Adapter



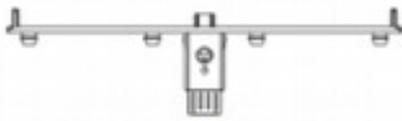
Ethernet Cable



IP Phone

Handset

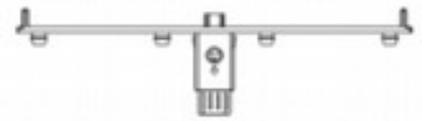
Quick Operation Guide



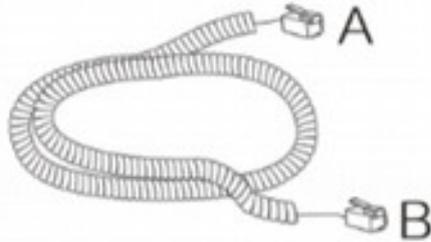
Android Connector
(Micro-USB)



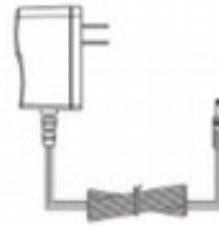
IOS Connector
(Lightning)



Type-C Connector



Cable



Power Adapter

NOTE: The cable install method is short B connect the handset, longer A connect the IP Phone.

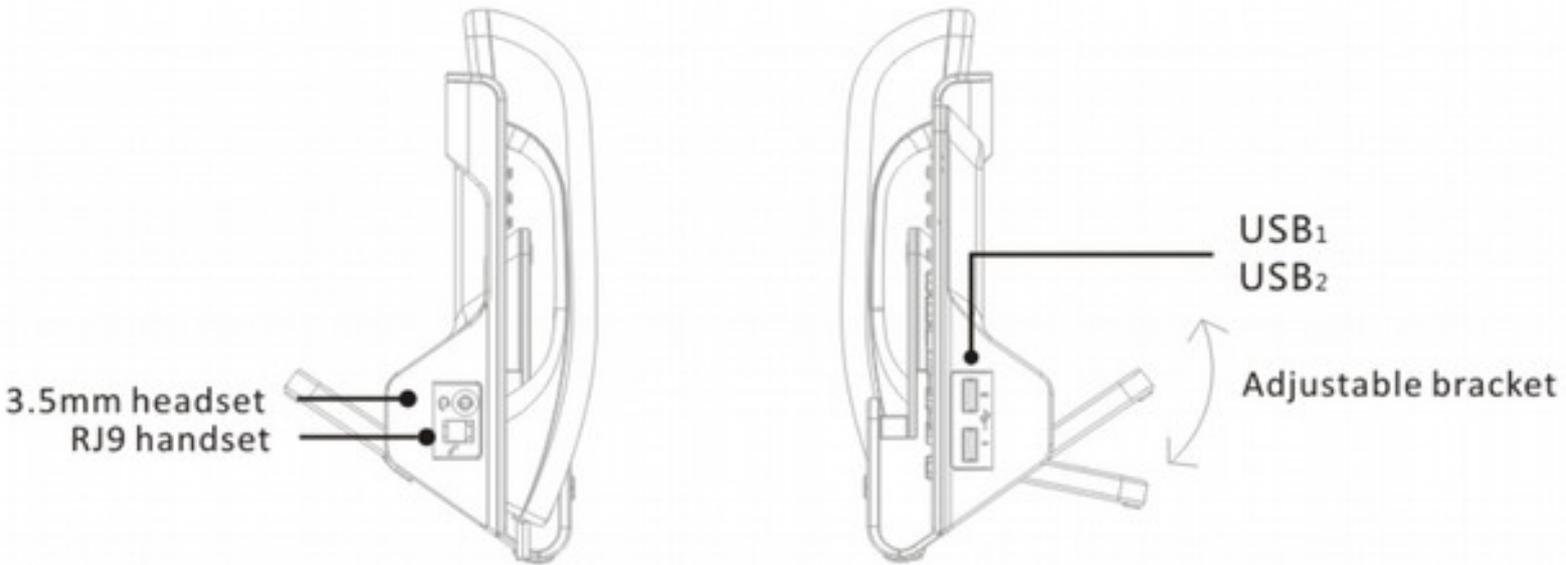
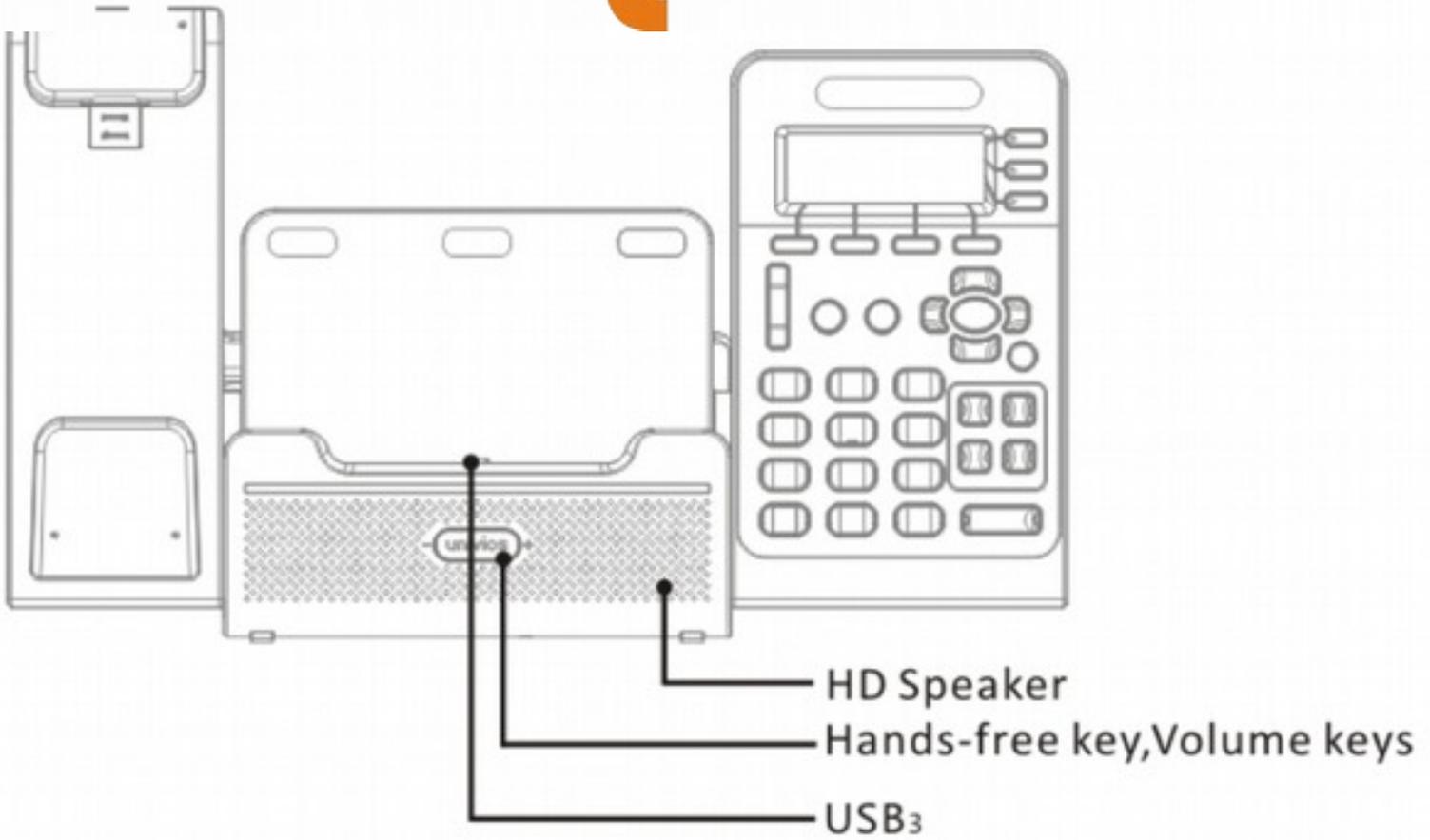
b) Phone Installation:

This section introduces how to install the phone with the components in the packing list:

- Adjust the Bracket
- Connect the Handset and optional Headset
- Connect the Network and Power

Adjust the Bracket

Pls follow the following picture to let the bracket adjust to safety

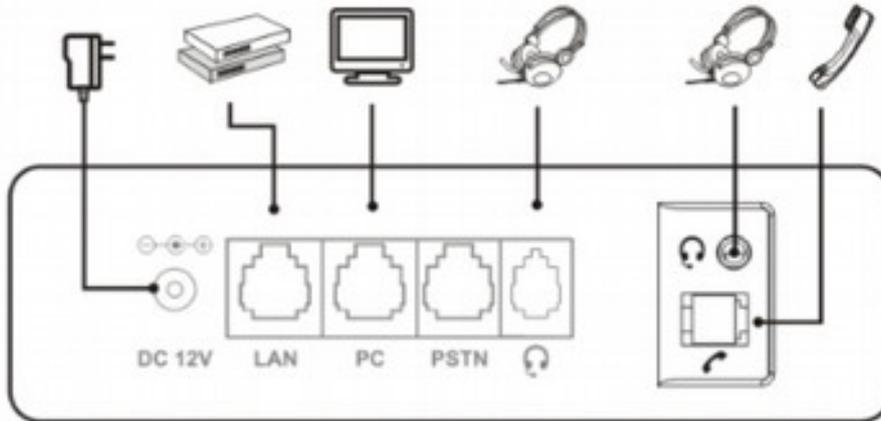


USB 1 only offer 0.5A power charging.

USB2 offer 1A charging, and also can connect UniWIFI & UniBT.

USB3 only offer 0.5A power charging.

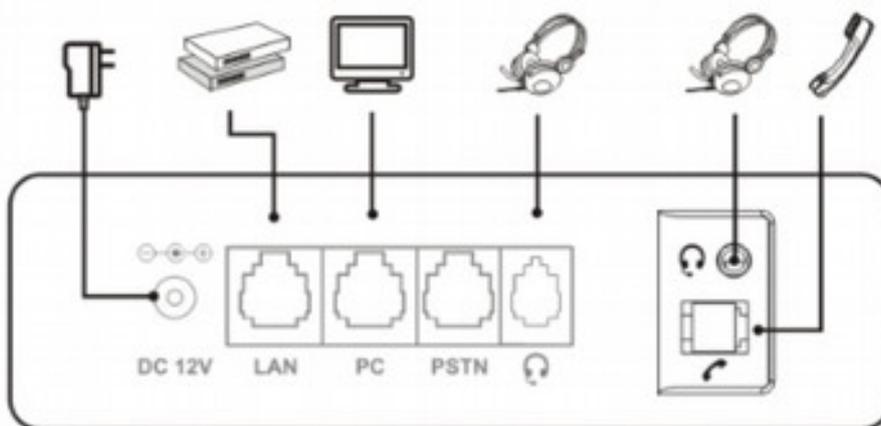
Connect the Handset and optional Headset



Connect the Network and Power

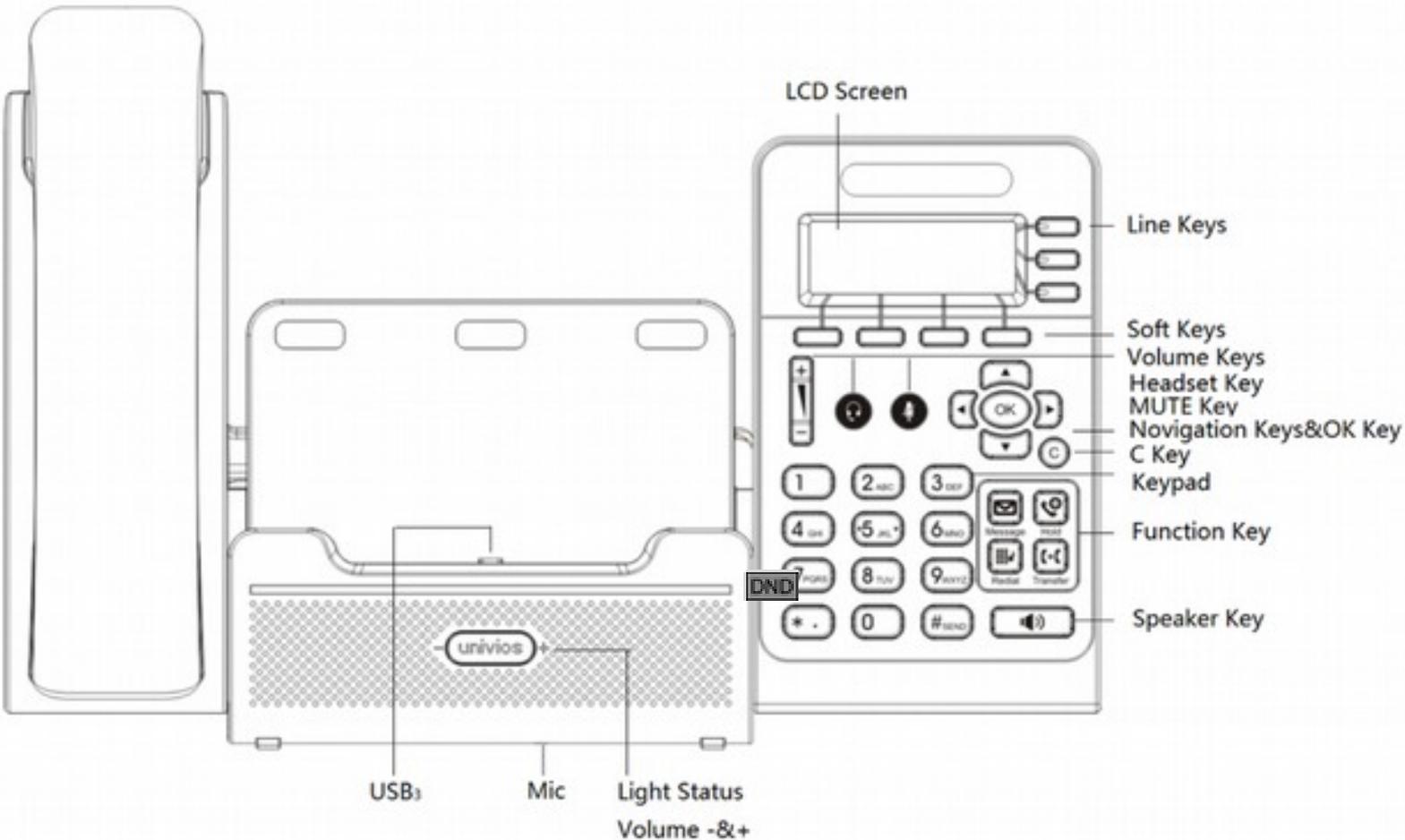
You have two options for power supply. Your system administrator will advise you which one to use.

- AC power adapter
- POE(Power over Ethernet) IEEE802.3af
- USB(Standard 0.5A)



Note: If POE works, the phone doesn't need to connect to the AC power adapter. Make sure the Ethernet cable and switch/hub is POE compliant.

Phone User Interface



Soft Key	Labels automatically to identify their context-sensitive features
Navigation Key	Scroll through the displayed information, and in the idle feature: UP: Open the "All CONTACT LOG" DOWN: Open the "MISSED CALL" RIGHT: Open the "RECEIVED CALL" LEFT: Open the "DAIL CALL"
OK Key	Confirm the action
C Key	Cancels actions or rejects an incoming call, and the other feature: In the idle: Open the "Phone Status". Diagnosis: Press and hold 3 second to open "Hardware Diagnosis".

	MUTE: "MUTE" feature is enabled if you press it while the conversation making on the phone.
Functions Key	Message\Redial\Transfer\Hold
Speaker Key	Toggles the hands-free speaker phone mode.
Mic	Voice input
Volume Key	Adjusts the volume of the handset, headset, speaker and ringer
Keypad	Provides the digits, letters and special characters in context-sensitive applications.
Headset Key	Toggles and indicates the headset mode.

3.2 Phone Screen Display Features

If the phone has successfully started up and after using, the idle LCD display will show information as below:



		<p>b. :Account failed to register</p> <p>c. :Account successfully registered</p> <p>d. :Account successfully registered and DND feature is enabled. The DND icon also will display at the top right corner.</p>	
5	Soft Key Area	Labels automatically to identify their context-sensitive features	
6	Screen Icon	<p>The Screen Top Icon from left to right is:</p> <p>: Handset Hand on status</p> <p>:Speaker Hand on status</p> <p>:Headset Hand on status</p> <p>:Call MUTE</p> <p>:Missed Call</p>	

		:Keypad Lock :Network is unavailable	 	:Call Forward :Text Message
--	--	---	--	--------------------------------

3.3 Basic Network Settings

The phone supports Three Modes of Network Setting. Include Wi-Fi Setting\Static IP\DHCP.

Wi-Fi Setting

Note: This feature must be work with UniWIFI device. More about this, pls contact your system administrator.

In order to more easily and quickly implement Wi-Fi series phone deployment, we provide EWFC(Enhanced WIFI Fast Connection) technology to implement automatic connection between the 5.8G Wi-Fi phone and AP-3.

Note: This feature must be work with AP-3 device. More about this, pls contact your system administrator.

①When the AP-3 is set up wireless parameters by the administrator, you can long press "ok" to enter the password to connect it.

②If you don't use EWFC rapid deployment, you can According to the normal method for manual connection and settings as following:

Feature	Operating Steps
Wi-Fi	Press OK or MENU > System Settings > Advanced Settings > Password (Default is Empty)> Network > Wi-Fi Setting <ul style="list-style-type: none"> ● Press Wi-Fi Setting to login in to the menu ● Select "Wi-Fi", and choose "enable" ● Press "Save" key ● Select "Hotspot List" ● Press "Enter" key ● Select the hotspot which you want to connect ● Enter "Password" ● Press "OK" key to make it work

DHCP Setting

Feature	Operating Steps
DHCP	Press OK or MENU > System Settings > Advanced Settings > Password (Default is Empty)> Network > IP Setting <ul style="list-style-type: none"> ● Press IP Setting to login in to the menu

	<ul style="list-style-type: none"> ● Select "DHCP" <p>mode</p> <ul style="list-style-type: none"> ● Press "Enter" key ● Set the DNS\web port\telnet port ● Press "Save" key to make it work ● Tips "Network is changed, press OK reboot "
--	--

Static IP Setting

Feature	Operating Steps
Static IP	Press OK or MENU > System Settings > Advanced Settings > Password (Default is Empty)> Network > IP Setting <ul style="list-style-type: none"> ● Press IP Setting to login in to the menu ● Select "Static" mode ● Press "Enter" key ● Set the IP\Mask\GWDNS\web port\telnet port ● Press "Save" key to make it work ● Tips "Network is changed, press OK reboot "

3.4 SIP Account Settings

U7KS IP phone makes calls based on sip accounts, It can support Single account or Multi-account, Each account can be configured to the different SIP server.

If you want to...	Then...
Create an SIP account	--1) Select "System setting" > "Advanced setting"; --2) Enter the password required (The default is empty) ; --3) Select "SIP" > "Account sip"; --4) Select one of the account you want to setting, you can configure the following parameters <ul style="list-style-type: none"> -Enable account*: Select Enable -Line Keys Use: Default is 1 -Description: description of this account -Display Name: The name displayed on the screen -Authentication user: the Authenticated users are matched with the SIP server.(The default With the same account)

	<p style="text-align: right;">-Account*:</p> <p>the account matches with the SIP server.(extension number)</p> <p>-User pass word*: the user password matches with the SIP server</p> <p>-SIP Server*: The primary SIP server, all calls through this server</p> <p>-Out Bound Server: The out bound SIP server</p> <p>-STUN Type: Enable/Disable STUN feature</p> <p>-STUN: Input STUN URL</p> <p>-Auto Answer: Enable/Disable this account auto answer feature</p> <p>* Note: When you finish  3070 the setting, you can press Save to make it work, and then you can see the status icon in the LCD idle. The parameters with the * mark must be set.</p>
Disable sip account	<p>--1) Select "System setting" > "Advanced setting";</p> <p>--2) Enter the password required (The default is empty) ;</p> <p>--3) Select "SIP" > "Account sip";</p> <p>--4) Select "Enable account" > "Disable";</p> <p>--5) Select "Save" to saves settings</p>

3.5 Basic Features.

3.5.1 Making a Call

Here are some easy ways to place a call on IP Phone:

If you want to...	Then...	
Place a call using the handset	Pick up the handset	--1) You can hear dial tone; --2) Enter a number; --3) Press # button (default), -or wait 5s (default), then it send the number automatically.
Place a call using a	Press Speaker button	

speakerphone	
Place a call using a headset	Put on your headset, active Headset button so that the status light is Red, and then do as using speakerphone

3.5.2 Anonymous Call

You can use anonymous call feature to block the identity and phone number from showing up to the called party when you call someone. E.g, you want to call to consult some of the services, but you don't want to be harassed.

Enable Anonymous Call	Press OK or MENU> Function Setting> Anonymous --Press Enter or OK button , -You can select which Account want to use, enable/disable this feature and enable/disable reject anonymous
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3.5.3 Redial

To redial the last placed call from your phone

Redial	--Press REDIAL button to dial the last number  -or press Navigation button-Left > "Dialed number", select a number, and press
--------	--

3.5.4 Call Log

Dial from a call log	--1) Press MENU or OK button > "Call history", you can select "All Calls", "Missed calls", "Received calls" and "Dialed
----------------------	---

	<p>numbers”,</p> <p>- or press Navigation button (in Standby interface) > select "All Calls"(up) "Missed calls"(down), "Received calls"(left) and "Dialed numbers" (right)</p> <p>--2) Then press button. Dial</p> <p>NOTE: You also can press the "log" to login this menu when in the idle.</p>
--	---

3.5.5 Making Calls to Contact

You can also dial a contact from the Personal Phone Book.

Placing Calls to Contacts	<p>--1) Press MENU or OK button > "Phone Book", you can select "Personal Phone Book", "Enterprise Phone Book", "LDAP" and "Black List",</p> <p>- or press Navigation button (in Standby interface) > select the desired contact.</p> <p>--2) Then press button. Dial</p> <p>NOTE: You also can press the "DIR" to login this menu when in the idle.</p>
---------------------------	--

3.5.6 Multi-lines to Answer the Call

Multi-lines to Answer the Call	<p>--1) Another Line button is Red and flashing;</p> <p>--2) Press the flashing Line button to answer (at this time, the original call will be hold.)</p>
--------------------------------	---

Auto-Answer

You can set the phone and let it auto-answer the coming call.

<p>Auto-Answer the Coming Call</p>	<p>--1) Enable the Auto-Answer feature.</p> <p>--2) Auto-Answer mode you can set in the MENU>Function Setting> Auto Answer >Device</p> <ul style="list-style-type: none"> ● Speaker ● Handset ● Headset <p>When you use the Handset mode, at this time you need to hands up the handset and then it can work at this status.</p> <p>--3)Filter Groups</p> <p>Auto-answer the coming call in this special groups.</p>
------------------------------------	--

3.5.8 Ending a Call

To end a call, hang up. Here are some more details.

<p>Hang up while using the Handset</p>	<p>--Return the handset to its cradle, -or press End</p>
<p>Hang up while using the Speakerphone</p>	<p>--Press Speaker button, -or press Line button for the appropriate line, -or press End</p>
<p>Hang up while using the Headset</p>	<p>--Press Handset button, (Do not keep the headset mode) , -or press End (keep the headset mode)</p>
<p>Hang up one call, but preserve another call on</p>	<p>--Press End, -or refer to the above three methods</p>

the other line

3.5.9 Using Hold and Recover (Switch Calling Line)

You can hold and resume calls. You can take a call in one line at anytime, and the other lines would be hold. As a result of that, you can switch different calling line on our phone.

If you want to...	Then...
Put a call on hold	--Press HOLD button, -or press soft key Hold
Hold a line and switch to another line	Press another Line button for the appropriate line
Resume a call on current line	--Press Line button,
Release a call on different line	Select the line want to release hold, press the line, so recovery;

NOTES

- Engaging the Hold feature typically generates music or a beeping tone.
- A held call is indicated by the red and flashing Line button or Hold in the LCD.

3.5.10 Transferring Calls

Transfer redirects a connected call. The target is the number to which you want to transfer the call.

Talk to the transfer recipient before transferring a call (consult transfer)	--1) Press TRANSFER button or press XFER; --2) Enter number; --3) press # (default) , -or press then Send transfer the call, -or wait five seconds(default)then transfer the call
Transferred to idle lines or other numbers without talking to the	--1) Press TRANSFER button or XFER; --2) Press ; Blind --3) Enter number; --4) Press # (default)

transfer recipient (Blind transfer)	the call; -or wait five seconds(default)then transfer the call -or press , then transfer
Blind transfer to the held line	--1) Press TRANSFER button or press XFER; --2) Press the Line button of held line

3.5.11 Using Mute

With Mute enabled, you can hear other parties on a call but they cannot hear you. You can use mute in conjunction with the handset, speakerphone, or a headset.

Toggle Mute on	Press C button, then the  screen top and left will have a MUTE icon
Toggle Mute off	Press C button again, then the button light off

3.5.12 Do Not Disturb

You can use the Do Not Disturb(DND) feature to block incoming calls on your phone with a busy tone (Can also be set to their voice mail or other extension numbers, etc.).

Enable global DND	--1) Press DND ; --2) All enabled line on the  phone would changes to status. and the icon is .
Enable DND on a single line	Press MENU or OK button > "Function setting" > "DND" > (select line) "Enable"
Disable DND	 --Global DND enabled, press to disable global DND;  --Line DND enabled, press twice , -or press MENU or OK button > "Function setting" > "DND" >(select line) "Disable"

way Conference

You can enable a three-party conference, during the conversation three phone parties can communicate with every party.

If you want to...	Then...
Invite the transfer recipient into a conference in a transferring	--1) When the transfer recipient answer the call, press "CONF" soft key on your phone; --2) Then conferenc 0:0:10 the held one, transfer recipient and you will be into a conference, and the LCD will display status.
Invite the third party into a conference in a active call	--1) Press "CONF" soft key in an active call; --2) Enter the third party number; --3) After connected the third party, press "CONF" soft key again
establish a conference with held line	--1) when one phone line is holding on and the other line is busy; --2) Press "CONF" Soft key --3) Press the held line's programmable button, the 3-way Conference is enable.

3.5.14 Voice Mail

When the Phone get a voice mail from server..

Voice Mail	--1) Press the Voice Mail button --2) Enter the User Password --3) It will login into the voice mail server. You need to follow the IVR to do it.
------------	---

MPL

MPL(Mobile Phone Line), dock your mobile phone as a line.

Step1: Enable/disable MPL, press Menu(OK) > System Settings > Advanced Settings(Default password is empty, press OK button to enter) >MPL .

Step2: Change the SIP line account model as "MPL".Press the Menu(OK) > System Settings > Advanced Settings(Default password is empty, press OK button to enter) > SIP > SIP Accounts, press OK button to submit the changes.

Step3: Turn on your mobile phone's Bluetooth feature. Find the Bluetooth list, e.g. "016B0A-U7KS" and make connection. And then you can use MPL line to make a call or conference or transfer.

MPL Application Examples

MPL-Cell Phone For Business

MPL:Mobile Phone Line

Dock your Mobile Phone as a line of the U7KS

- IP Phone can answer the incoming call from the Mobile Phone.
- Transfer the Mobile Phone call to another IP

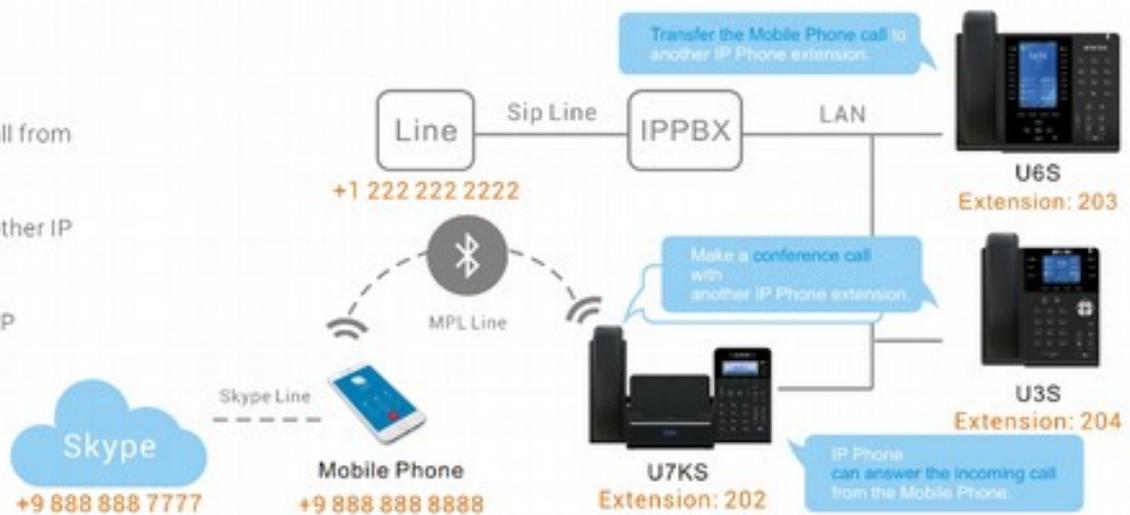


MPL For Skype

MPL:Mobile Phone Line

Dock your Mobile Phone as a line of the U7KS

- IP Phone can answer the incoming call from the Mobile Phone.
- Transfer the Mobile Phone call to another IP Phone extension.
- Make a conference call with another IP Phone extension.



MPL: Mobile Phone Line

Dock your Mobile Phone as a line of the U7KS

- IP Phone can answer the incoming call from the Mobile Phone.
- Transfer the Mobile Phone call to another IP Phone extension.
- Make a conference call with another IP Phone extension.



MPL For Microsoft Lync

MPL: Mobile Phone Line

Dock your Mobile Phone as a line of the U7KS

- IP Phone can answer the incoming call from the Mobile Phone.
- Transfer the Mobile Phone call to another IP Phone extension.
- Make a conference call with another IP Phone extension.



Advanced Settings

3.6.1 Using the phone book

Enterprise Phone Book

<p>Search the Contacts from Enterprise Phone Book</p>	<p>--1) Press DIR in the idle status, -or press "MENU" or "OK" button > "Phone book">"Enterprise Phone Book", --2) Select "Enterprise Phone Book", press "OK" button; --3) Press "Find" and input the name who you want to search.</p>
<p>Call the Contact from Enterprise Phone Book</p>	<p>--1) Press "DIR" in the idle, -or press "MENU" or "OK" button > "Phone book">"Enterprise Phone Book", --2) Select "Enterprise Phone Book", press "OK" button; --3) Press "Find" and input the name who you want to search. --4) When you search the person, you can dial it.</p>

Personal Phone Book

<p>Add Contacts</p>	<p>--1) Press Phone Book, -or press "MENU" button > "Phone book">"Personal phone book">"View All", -or press "OK" button > "Phone book">"Personal phone book">"View All"; --2) Select "Add contact", press "OK" button;</p>
---------------------	--

	<p>--3) Use the navigation keys to select content, press "OK" button to set and modify:</p> <ul style="list-style-type: none"> -Name: set the name of contact, -Office Number: Setting the contact Office Number -Mobile Phone Number: Setting the contact Mobile Phone Number -Others Number: Setting the contact Others Number -SIP Account: Setting the contact call SIP account -Group: the contacts be divided into different user's groups <p>--4) Press "Save" soft key to complete</p>
Add group	<p>--1) Press "DIR" soft key, -or press "MENU" button > "Phone book">"Personal phone book>View All", -or press "OK" button > "Phone book">"Personal phone book>View All";</p> <p>--2) Select the "add group" then press OK button;</p> <p>--3) Use the navigation keys to select content, press OK button to set and modify:</p> <ul style="list-style-type: none"> -Group name: name of the group <p>--4) Press "Save" soft key to complete</p>
Modify group	<p>--1) Press "DIR" soft key, -or press "MENU" button > "Phone book">"Personal phone book>View All", -or press "OK" button > "Phone book">"Personal phone book>View All";</p> <p>--2) Select the "Modify group" then press "OK" button ;</p> <p>--3) Select the group you want to modify, press the "OK" button to set and modify, press "Save" to save the change</p>
Delete group	<p>--1) Press "DIR" soft key, -or press "MENU" button > "Phone book">"Personal phone</p>

	<p style="text-align: right;">book>View</p> <p>All",</p> <p>-or press "OK" button > "Phone book">"Personal phone book>View All";</p> <p>--2) Select the "Delete group" or OK button;</p> <p>--3) Select a group you want to delete, press OK button</p>
--	--

LDAP

<p>Search the Contacts from LDAP</p>	<p>--1) Press "DIR" in the idle, -or press "MENU" or OK "button" > "Phone book">"LDAP",</p> <p>--2) Select "LDAP", press "OK" button;</p> <p>--3) Press "Find" and input the name or number who you want to find search from the LDAP server.</p>
<p>Call the Contact from LDAP</p>	<p>--1) Press "DIR" in the idle, -or press "MENU" or "OK" button > "Phone book">"LDAP",</p> <p>--2) Select "LDAP", press "OK" button;</p> <p>--3) Press "Find" and input the name or number who you want to find from the LDAP server.</p> <p>--4) When you search the person, you can dial it.</p>

Black List

<p>Add the Contacts</p>	<p>--1) Press "DIR" in the idle, -or press "MENU" or "OK" button > "Phone book">"Black List",</p> <p>--2) Select "Black List", press "OK" button;</p> <p>--3) Press "Add" and input the name\office number\mobile number\other number\SIP account who what you want to add</p>
-------------------------	--

	into the Black List.
View the Contact from Black List	<p>--1) Press "DIR" in the idle, -or press "MENU" or "OK" button > "Phone book">"Black List",</p> <p>--2) Select "Black List", press "OK" button;</p> <p>--3) Press "RUN" to view someone who what you want to find.</p> <p>--4)If you want to move or change it, you can follow the RUN to do.</p>

3.6.2 Using Call Logs

Your phone maintains records of your missed, placed, and received calls.

View call logs	<p>--1) Press "MENU" or "LOG" button > "All Call" > "Missed Calls", "Received Calls", or "Dialed numbers"</p> <p>--2) Use the navigation keys to view the call record information.</p>
Delete/Save Call Logs	<p>--1) Login in to the Call Logs</p> <p>--2) Use the navigation keys to view the call record or select DEL key.</p> <p>--3) Use the navigation keys to view the call record or select Save key.</p>

3.6.3 Peer-to-Peer

When all of the phone accounts were disable or not register. it will be show this mode in the idle. It can use by when the new workstation isn't have SIP server.

Peer-to-Peer	Disable all of accounts or not register.
Make Call with Peer-to-Peer	<p>--1) Press OK or MENU button> System Setting> Advanced Setting> SIP Account;</p> <p>--2) Disable all of accounts or un-register;</p> <p>--3) Turn back the phone idle, you can call someone use IP address.</p>

Keypad Setting

series IP Phone can through two ways configuration it, one is setting in MENU, another is setting in website. Here just description in MENU.

NOTES: When you want to input the IP address like ".", it was replaced by the "*".

3.7.1 Language Setting

U7KS IP Phone support Multi-Language setting, as below is an example.

Switch the Language between Chinese and English	<p>--1) Press OK or MENU button> System Setting> Phone Setting> Language</p> <p>--2) Here you can select English\French\Italian\Polish\Portuguese\Runssian\Spanish\Turkish\Chinese</p> <p>--3) After you finish select, press Save to make it work.</p>
---	--

3.7.2 Message

U7KS have Message feature. It will display in the LCD when it has a New Message.

Create a Message	<p>--1) Press OK or MENU button;</p> <p>--2) Select "Messaging"</p> <p>--3) Voice Message: Setting the Voice Message code in here. Text Message: Write down the Text Message in here.</p> <p>--4) Select Text Message> New Message.</p> <p>--5) Input the receiver and write down message body, and then press send to finish.</p>
Message Inbox	<p>--1) Select Message Inbox.</p> <p>--2) Select which one you want to check.</p> <p>--3) You can press Enter to read or press Del to delete.</p>

Time & Date

SNTP	<p>--1) Press OK or MENU button;</p> <p>--2) Press OK or MENU button> System Setting> Phone Setting> Time & Date> Time and Date setting> SNTP</p> <p>--3) SNTP</p> <ul style="list-style-type: none"> -Time Zone: Setting the time zone -NTP Server 1: NTP server address 1 -NTP Server 2: NTP server address 2 -DayLight: Enable/Disable Day Light
SIP Server	<p>--1) Press OK or MENU button;</p> <p>--2) Press OK or MENU button> System Setting> Phone Setting> Time & Date> Time and Date setting>SIP Server</p> <p>--3) Press Save to make it work</p>
Manual Setting	<p>Press OK or MENU button;</p> <p>--2) Press OK or MENU button> System Setting> Phone Setting> Time & Date> Time and Date setting> Manual Setting</p> <p>--3) Manual Setting</p> <ul style="list-style-type: none"> - Manual Setting: Year\Month\Days\Hours\Minutes\Seconds
Time Display Format	<p>--1) Press OK or MENU button;</p> <p>--2) Press OK or MENU button> System Setting> Phone Setting> Time & Date> Time Display Format</p> <p>--3) Time Mode: 24hour\12hour</p> <p>Date mode: DDMMWW\MMDDWWW\WWDDMMM\ DDMMYY\YYYYMMDD\DDMMYYYY\MMDDYY\DDMMYYYY\ WWDDMMM etc.</p>

3.7.4 Ring Tone and Volume Setting

Ring Type	<p>--1) Press OK or MENU button;</p> <p>--2) Press OK or MENU button> System Setting> Phone Setting>Ring Type</p> <p>--3) Select the ring type from 1 to 8 or custom ring, and then press Save to make it work.</p>
Volume Setting	<p>--1) Press OK or MENU button;</p> <p>--2) Press OK or MENU button> System Setting> Phone Setting> Volume Setting</p>

	Speaker\Headset\Ring volume --4) Press Enter to adjust the volume and press Save to make it work	--3) Volume Setting: Handset\
--	---	-----------------------------------

NOTES: For the Custom Ring Type you need to upload it from website.

3.7.5 Searching Phone Book

Accurate Search	--1) Press MENU or OK button > "Function Setting", you can select " Accurate Search " --2) Then press Enable/Disable and Save. --3) When you back to idle, you can use the digital keypad to search the contact.
T9 Search	--1) Press MENU or OK button > "Function Setting", you can select " T9 search " --2) Then press Enable/Disable and Save. --3) When you back to idle, you can use the digital keypad to search the contact.

NOTES: The Search Phone Book setting default is Accurate Search.

3.7.6 Cannot Set the Features with Keypad

As below features are cannot setting with the keypad:

- 1) Dial Plan.
- 2) Custom Ring Type
- 3) SNTP Server and Time & Date
- 4) Update the Firmware or Backup.

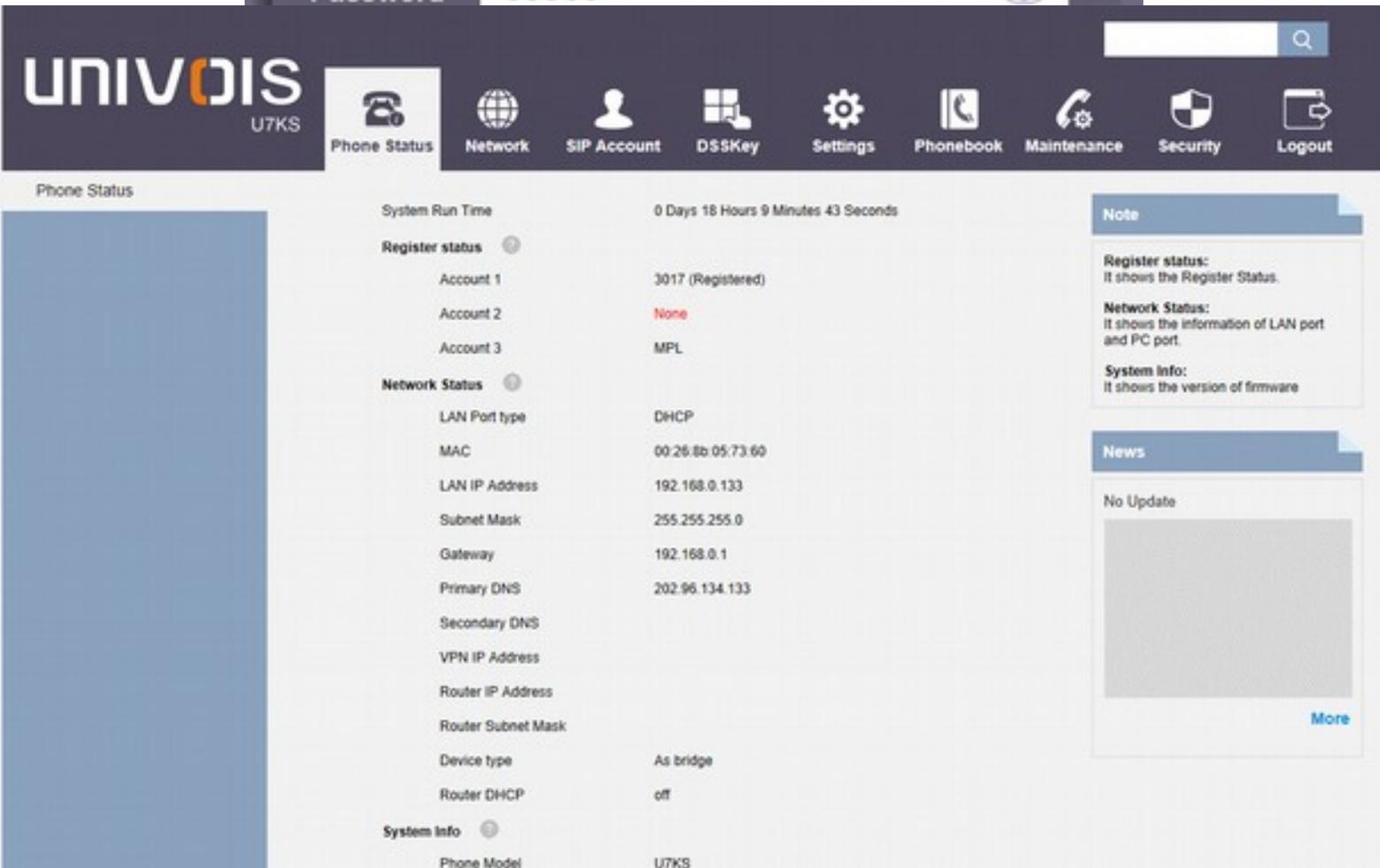
4. WEB User Interface

In addition to the phone user interface, you can also customize your phone via web user interface. In order to access the web user interface, you need to know the IP address of your new phone. To obtain the IP address, press the C key on the phone. Enter the IP address (e.g. HTTP://192.168.0.10 or 192.168.0.10) in the address bar of web browser on your PC. The default



user name is admin (case-sensitive)

and the password is admin (case-sensitive).



Main Interface-Phone Status

Here you can see as below information: System Run Time, Register Status, Network Status, System Information,

ITEM	DESCRIPTION
System Run Time	The phone system normal running time.
Register Status	The status with Account 1~3.
Network Status	The status with LAN, MAC, LAN IP, Net mask, Gateway, Primary DNS, Secondary DNS, VPN IP, PC IP, PC Net mask, Device Type, DHCP Server.
System Information	The status with Phone Model, Software Version, Hardware Version, Hardware ID, Kernel Version, Auto-Provision Server URL, TFTP Server IP.

4.1 Network

4.1.1 Wi-Fi Setting

WiFi: off on

Enter the SSID of the Wi-Fi AP(SSID).

Wireless Network Name(SSID):

SSID	BSSID	Band	Encryption	Signal	Select
IP-COM-5G_0359E9	d8:38:0d:03:59:e9	5785	[ESS]	100%	<input type="radio"/>
Sc	d8:38:0d:03:59:e1	2412	[WPA2-PSK-CCMP][ESS]	97%	<input type="radio"/>
ChinaNet-XdFJ	c4:04:7b:94:12:25	2412	[WPA-PSK-TKIP+CCMP] [WPA2-PSK-TKIP+CCMP] [WPS][ESS]	96%	<input type="radio"/>
A1	f4:83:cd:fe:1e:96	2412	[WPA-PSK-CCMP][WPA2-PSK-CCMP] [ESS]	96%	<input type="radio"/>
Aeromat_Mobile	50:6a:03:ad:2c:5b	2457	[WPA2-PSK-CCMP][WPS] [ESS]	92%	<input type="radio"/>

4.1.2 LAN Port

ITEM

Network Mode

DNS :

DHCP ?

Hostname(Option 12)

Manufacturer(Option 60)

User Class Information(Option 77)

Static IP ?

IP Address

Subnet Mask

Gateway

Static DNS on off

Primary DNS

Secondary DNS

PPPoE ?

Username

Password

MTU Default: 1500

Port

AS

The screenshot shows a configuration panel for the AS (Access Server) settings. It features two radio buttons: 'As bridge' (selected) and 'As router'. Below these are several input fields: 'IP Address', 'Subnet Mask', 'Start IP address', and 'End IP address'. The 'Router DHCP' option is set to 'off'.

Bridge

Normally, you should choose “bridge” feature, it means that pc port and LAN port will share the same network.

AS Router

Router feature is for the phone PC Port. You must input IP address (it’s equivalent to a gateway) and Net mask. If you want to use DHCP function, please turn it on, input start IP and end IP.

4.1.4 Advanced

VPN Setting

When using VPN Setting option, you can set several parameters as follow:

VLAN Setting	
Enable VPN	You can enable/disable VPN for phone and pc.
VPN Type:	Choose the appropriate type of VPN.
VPN Server Addr	VPN server's IP.
VPN User Name	VPN user's name
VPN Password	A password be used for authentication
OPEN VPN	Upload the *.ovpn file to the phone
Upload VPN cfg	Select the VPN configuration to upload

VLAN Setting

When using VLAN Setting option, you can set several

parameters as follow:

VLAN Setting	
Enable VLAN	You can enable/disable VLAN for phone and PC
VID [LAN/PC Port]	The VLAN ID you want the phone or PC to join

Port Management Settings

Port Management Settings >>

HTTP Port (1-65535)

Telnet off on

Telnet Port (1-65535)

Local SIP port (Default: 5060)

RTP port range --

Please Note: After changing the default HTTP port 80, please restart the machine to take effect. Using the new HTTP port to access the Web user interface "http://ipaddr:port".

Port Management Settings	
HTTP Port	The default web port is 80,if you want to change it(for example change it to88), You must input IP and Web port to login the web page(for example HTTP://192.168.0.200:88). It will take effect on next reboot.
Telnet Port	The default Telnet port is 23,if you want to change it(for example change it to 2003). You must input IP and Telnet port to login the manage page (for example telnet 192.168.0.200:2003).It will take effect on next reboot.
Local SIP Port	You can change the local SIP port to another, The default local SIP port is 5060.
RTP Port Range	You can change the RTP port range to another, The default RTP port range is 10000 to 10128.

ITEM	DESCRIPTION	VALUE	RANGE
SIP QoS	SIP Qos	26	(0-63)
Voice QoS	Voice Qos	46	(0-63)

Network Packet Mirroring

ITEM	DESCRIPTION	VALUE
Network Packet Mirroring	Network Packet Mirroring	Off

802.1x Settings

ITEM	DESCRIPTION
802.1x Mode	Disable
802.1x Identity	
MD5 Password	
CA Certificates	浏览...
	upload

ITEM	DESCRIPTION
802.1x Mode	You can setting the 802.1x mode to EAP-MD5 or PEAP-MSCHAPv2. Default is disable.
802.1.x Identity	You can setting the 802.1.x Identity here.
MD5 Password	You can setting the MD5 Password here.
CA Certificates	You can upload the CA Certificates here.

LLDP >>

ITL	LLDP	<input type="radio"/> off <input checked="" type="radio"/> on
LLDP	LLDP Packet Interval	<input type="text" value="60"/> s(1-3600)
LLDP Packet Interval: You can setting the LLDP packet interval here. Default is 60s.		

Paging Setting

Paging Setting >>

Paging 1	<input checked="" type="radio"/> off <input type="radio"/> on
Group IP	<input type="text"/> Port: <input type="text" value="10000"/>
Paging 2	<input checked="" type="radio"/> off <input type="radio"/> on
Group IP	<input type="text"/> Port: <input type="text" value="10000"/>
Paging 3	<input checked="" type="radio"/> off <input type="radio"/> on
Group IP	<input type="text"/> Port: <input type="text" value="10000"/>
Paging 4	<input checked="" type="radio"/> off <input type="radio"/> on
Group IP	<input type="text"/> Port: <input type="text" value="10000"/>
Paging 5	<input checked="" type="radio"/> off <input type="radio"/> on
Group IP	<input type="text"/> Port: <input type="text" value="10000"/>

Paging Setting(NOTE: This feature priority is followed the serial number, In other words, "paging 1" is the highest priority)

Paging1	Enable/Disable Paging feature.
Group IP and Port	Group IP and Port with Paging.

Account

5.1 Basic

Account	Account1 ▾
Enable	<input checked="" type="checkbox"/> ?
Account Mode	VOIP ▾
Number Of Lines	1 * ?
Display Name	<input type="text"/> ?
Username	3017 * ?
Authenticate Name	<input type="text"/> ?
Password	•••• ?
Label	<input type="text"/> ?
SIP Server	192.168.0.7 * ?
Secondary server	<input type="text"/> ?
Outbound Proxy Server	<input type="text"/> ?
Secondary Outbound Proxy Server	<input type="text"/> ?
Polling interval time of registration	32 s Default value: 32s , range: 20s~60s
NAT Traversal	Disabled ▾ ?
STUN Server	<input type="text"/> ?
Register Expiration Time	3600 Default: 3600s, Min: 40s ?
Auto Answer	<input checked="" type="radio"/> off <input type="radio"/> on
SIP Transport	<input checked="" type="radio"/> UDP <input type="radio"/> TCP <input type="radio"/> TLS ?
Ring type	None ▾ ?

Choose one
Account, you will

find the following parameters:

ITEM	DECSRIPTIO
Account	Select the Account Number what you want to set.
Enable	You can choose on/off to enable/disable the line.
Account Mode	You can choose VOIP/MPL. If you want to use MPL feature, Pls following the MPL setting to operating or contact your system administrator for help.
Number Of Lines	The line key of account used, default is 1.
Display Name	It is showed as Caller ID when making a phone call
Username	It is a username provided by SIP Server
Authenticate Name	It is authenticated ID for authentication
Password	It is a password provided by SIP Server
Label	Label with this account.
SIP Server	Server for registration, provided by administrator
Secondary server	When the main server can't work, it also can register in this secondary server.
Outbound Proxy	Put into the address with the outbound proxy server.
Secondary Outbound Proxy Server	When the main out bound server can't work, it also can use this secondary server.
Poling Interval Time Of Registration	Poling Interval Time Of Registration, default is 32 s.
NAT Traversal	Defines the STUN server will be active or not
STUN Server	Session traversal utilities for NAT.
Register Expiration Time	IP phone automatically registered every time
SIP Transport	There are UDP/TCP/TLS three options
Ring Type	Select this account ringing type.

Advanced

Account	Account1
RPort	<input checked="" type="radio"/> off <input type="radio"/> on ?
Message	*97
Do not Disturb	<input checked="" type="radio"/> off <input type="radio"/> on
Anonymous call	<input checked="" type="radio"/> off <input type="radio"/> on ?
Anonymous Call Rejection	<input checked="" type="radio"/> off <input type="radio"/> on ?
Use Session Timer	<input checked="" type="radio"/> off <input type="radio"/> on ?
Session Timer	300 (min: 30s) ?
Refresher	UAS ?
Call Method	<input checked="" type="radio"/> SIP <input type="radio"/> TEL
DNS-SRV	<input checked="" type="radio"/> off <input type="radio"/> on
Allow-events	<input checked="" type="radio"/> off <input type="radio"/> on
Registered NAT	<input type="radio"/> off <input checked="" type="radio"/> on
Keep-alive Type	Default
Keep-alive Interval	30 (15-60s)
Use user=phone	<input checked="" type="radio"/> off <input type="radio"/> on ?
Conference way	<input checked="" type="radio"/> On phone <input type="radio"/> On server
Network-based conference URI	
BLA	<input checked="" type="radio"/> off <input type="radio"/> on ?
BLA Number	
Subscribe Period	1800 Default: 1800s, Min: 120s ?
SIP Encryption	<input checked="" type="radio"/> off <input type="radio"/> on ?
Encryption algorithm	RC4
Encryption key	
Voice encryption (SRTP)	Off ?
EP+ Outcode Switch	<input checked="" type="radio"/> off <input type="radio"/> on
OutCode	
OutCode Length	0

Encryption Algorithm	time we only have RC4.	The encryption algorithm at this
Encryption Key	The key with encryption.	
Voice Encryption(SRTP)	Enable or disable voice encryption(SRTP).	
EP+ Outcode Switch	Enable or disable EP+ Outcode feature	
OutCode	Setting the EP+ Outcode	
OutCode Length	Setting the EP+ Outcode Length	

6 DSS Keys

6.1 Paperless Program keys

Paperless Program Enabled

Key1
 Mode: Speed Dial
Speed Dial Prefix
DTMF
BLF
Paging
 Account: Call Park
Intercom
 Name: Pickup
XML Browser
 Number: Broadsoft BLF
BLA

Key2
 Mode: BLF
 Account: Account1
 Name:
 Number:

Key3
 Mode: BLF
 Account: Account1
 Name:
 Number:

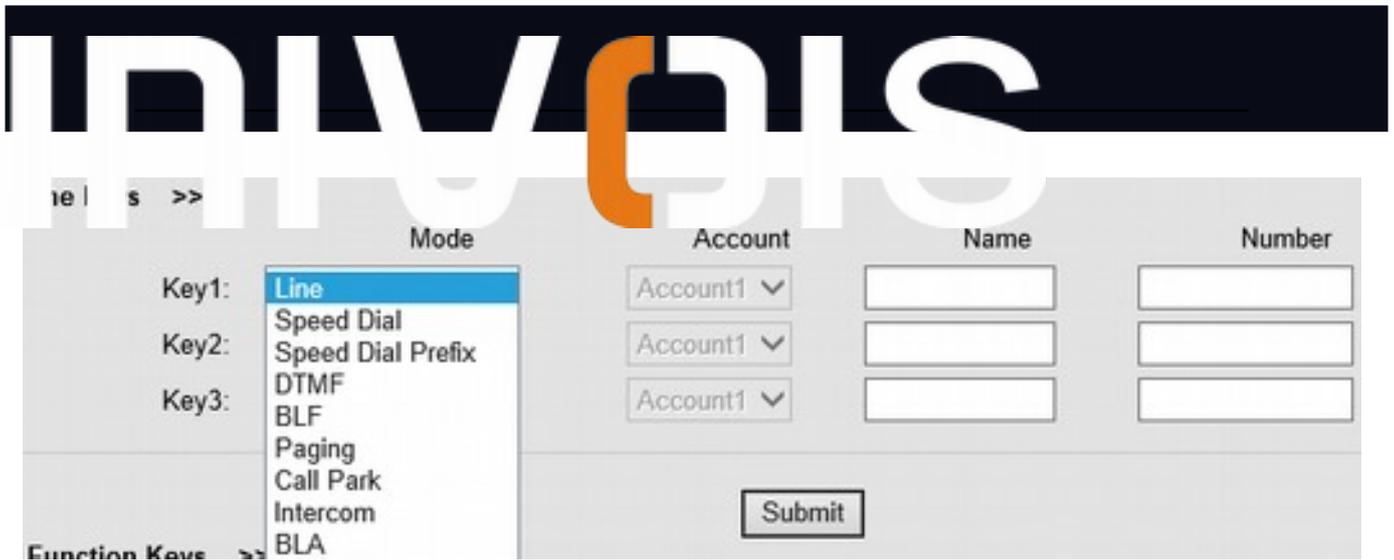
Key4
 Mode: BLF
 Account: Account1
 Name:
 Number:

Key5
 Mode: BLF
 Account: Account1
 Name:
 Number:

Key6
 Mode: BLF
 Account: Account1
 Name:
 Number:

ITEM	DECSRIPTIO
Paperless Program Keys	Enable/Disable the paperless program keys feature.
Key1~12	The key amount depend on the lines, and support 4 page.
Mode	Support Speed Dial,Speed Dial Prefix, DTMF, BLF, Paging, Call Park, Intercom, Pickup, XML Browser, Broadsoft BLF, BLA.
Account	Select account to make it work
Name	The name of the key
Number	The number of the key

6.2 Line Keys



U7KS have 3 line keys:

ITEMS	DESCRIBES
Line	The default value.
Speed Dial	You can use this key feature to speed up dialing the numbers often used or hard to remember.
Speed Dial Prefix	You can use this key feature to speed up dial a call with a specified prefix number.
DTMF	You can use this key feature to send the specification of arbitrary key sequences via DTMF.
BLF	You can use the BLF feature to monitor a specific user for status changes on the phone.
Paging	You can use multicast paging to quickly and easily forward time sensitive announcements out to people within the multicast group.
Call Park	You can use call park feature to place a call on hold, and then retrieve the call from another phone in the system (for example, a phone in another office or conference room).
Intercom	You can press the configured intercom key to automatically connect with a remote extension for outgoing intercom calls, and the remote extension will automatically answer the incoming intercom calls
BLA	This feature such as the BLF.

NOTE: ONLY WHEN YOU CHOOSE "SPEED DIAL", THE RIGHT OF "NAME", "NUMBER" WILL TAKE EFFECT.

6.3 Function Keys

Function Keys: If you do not like the default setting with the function keys feature. You can change to whatever you like.

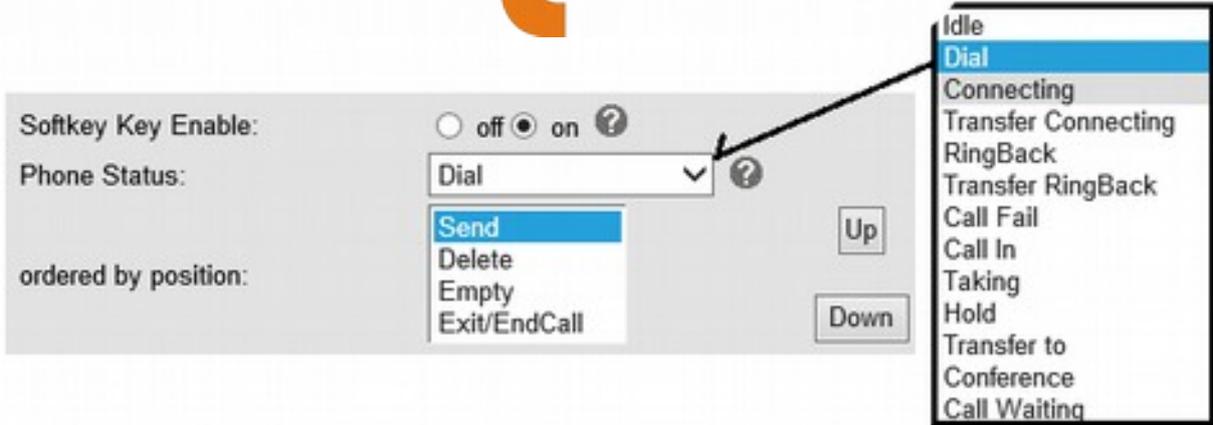
NOTE: IF THE PHONE WITHOUT THE KEY, YOU CAN IGNORE IT.

...: if the ... one ... no key, ... need to ... the ...

	Operation	Account	Name	Number
Up	Default	Account1		
Down	Redial	Account1		
Left	DND	Account1		
Right	Contacts	Account1		
OK	Enterprise Phonebook	Account1		
Conference	LDAP	Account1		
Redial	Dir	Account1		
Transfer	Speed Dial	Account1		
Hold	Call List	Account1		
Service	Missed Calls	Account1		
Directories	Received Calls	Account1		
Menu	Dialed Calls	Account1		
Mute	Menu	Account1		
Message	SMS	Account1		
	New SMS	Account1		
	Call Forward	Account1		
	View Status	Account1		
	Enable/Disable SIP Account	Account1		
	XML Browser	Account1		
	Auto Provision Now	Account1		
	Hot Desking	Account1		
	Default	Account1		

6.4 Soft Key

Soft Keys: Soft key is the key with below display in the LCD. You can change it for your mind to the other features in many all kinds of status. As below example, when you dialing with someone, the LCD display soft key is Send \Del \Empty\End, Empty means nothing in it.



7 Settings

7.1 Basic



Features

Answer	<input checked="" type="radio"/> on <input type="radio"/> off	to Answer Group	NONE
Auto Answer Mode	<input checked="" type="radio"/> Hands Free <input type="radio"/> Handle <input type="radio"/> Headset		
Call Waiting	<input type="radio"/> off <input checked="" type="radio"/> on		
Call Waiting Tone	<input type="radio"/> off <input checked="" type="radio"/> Play on currently active device	Frequency:	10
Auto Redial	<input checked="" type="radio"/> off <input type="radio"/> on		
Auto Redial Interval(1~300s)	10		
Auto Redial Times(1-300)	10		
Hot Line Function	<input checked="" type="radio"/> off <input type="radio"/> Delay 5		
Hot Number			
Pickup function	<input type="radio"/> off <input checked="" type="radio"/> on		
Pickup code	123		
Play Hold Tone	<input type="radio"/> off <input checked="" type="radio"/> Play on currently active device	Frequency:	30
DTMF	<input checked="" type="radio"/> RFC 2833 <input type="radio"/> Inband <input type="radio"/> SIP Info <input type="radio"/> Auto		
Suppre Play Hangup Tone	<input type="radio"/> off <input checked="" type="radio"/> on		
100 Re Transfer Code	<input checked="" type="radio"/> off <input type="radio"/> on	Number:	
Fuzzy Conference Code	<input checked="" type="radio"/> off <input type="radio"/> on	Number:	
Phonet Hold Code	<input checked="" type="radio"/> off <input type="radio"/> on	Number:	
Save C Conference exit result	<input checked="" type="radio"/> Disconnect all <input type="radio"/> Others remain connected		
BLF tra Return code when refused	603(Decline)		
BLF tra Return code when DnD	603(Decline)		
Status Hook	<input checked="" type="radio"/> off <input type="radio"/> SIP Info <input type="radio"/> Invite <input type="radio"/> RTP Event		
Bookin Flash hook time (<800ms)	500		
Play vo Called No Answer Time	<input checked="" type="checkbox"/> 70	s (Min:20, Max:1800)	
Display Caller No AnswerTime	<input checked="" type="checkbox"/> 180	s (Min: 90s, Max: 1800s)	
DND S Pound Send Method	<input checked="" type="radio"/> # <input type="radio"/> %23		
RFC 2833 PayLoad	101		
Caller ID source	FROM		
SIP Session Timer(seconds) T1	0.5		
SIP Session Timer(seconds) T2	4		
SIP Session Timer(seconds) T4	5		
Affiliated Port	<input type="radio"/> off <input checked="" type="radio"/> on		
Headset Mode	<input checked="" type="radio"/> Normal <input type="radio"/> Seat Mode		
Ring type in Seat Mode	<input checked="" type="radio"/> Headset <input type="radio"/> Speaker		
BLF Light	Off		

	Enable or disable
Hold Code	
Conference exit result	Setting disconnect all or others remain connected
Return code when refused	Set return message for call rejection.
Return code when DnD	Set return message for Do Not Disturb.
Hook	Setting the hook mode
Flash hook time (<800ms)	Setting the Flash hook time
Called No Answer Times	Setting the Called No Answer Times (Min:20, Max:1800)
Caller No AnswerTimes	Setting the Caller No AnswerTimes (Min:90, Max:1800)
Pound Send Method	Setting the Pound Send Method # or %23
RFC 2833 PayLoad	Setting the RFC 2833 PayLoad
Caller ID source	Setting the Caller ID source to FROM or PAI
SIP Session Timer(seconds) T1	Timer,a timer H=64*T1 seconds set for all transfers at the completed state. It defines when server transaction stops resending responses.
SIP Session Timer(seconds) T2	T2 use with T1.
SIP Session Timer(seconds) T4	T4 represents the possible information transmission time between the client and server side transaction on the network. The default value of T4 is 5 seconds.
Affiliated Port	Enable or disable register Affiliated port
Headset Mode	Headset Mode default is Normal, or you can select Seat Mode
Ring type in Seat Mode	Ring type in Seat Mode default is Headset, or you can select Speaker
BLF Light	Enable or disable BLF light

Settings

Set time mode

Time zone-GMT

Daylight Savings Time mode always off always on Auto

Update Interval (seconds)

Time Format 24 Hour 12 Hour

Date Format

Set time mode

SNTP server

Secondary SNTP server

Time zone-GMT

Daylight Savings Time mode always off always on Auto

Update Interval (seconds)

Time Format 24 Hour 12 Hour

Date Format

Set time mode

Update Interval (seconds)

Time Format 24 Hour 12 Hour

Date Format

Manual settings
 Year Month Day Hours Minutes Seconds

ITEM	DESCRIPITIO
------	-------------

Time Settings	
Set Time Mode	Include SNTP/SIP Server/PSTN/Manual
SNTP Server	You can select in the list or input owner server address.
Update Interval	The update interval with SNTP.
Day Light Saving Time	Enable/disable the DST for the phone
Time Format	You can use 24 hour time format or 12 hour time format
Date Format	You can choose the appropriate time format.
Time Zone-GMT	You can select different time zone for the phone
Manual Setting	Setting time manually.

7.4 Keyboard Lock

Keyboard Lock	<input type="text" value="Disabled"/>	<input style="float: right;" type="button" value="?"/>
Phone Lock Time Out	<input type="text" value="0"/> (0-3600s)	
Keyboard Phone Unlock PIN(0~15 character)	<input type="text"/>	<input ,="" style="float: right;" type="button" value="?"/>
Emergency	<input type="text" value="112,911,110"/>	<input ,="" style="float: right;" type="button" value="?"/>

7.5 VoIP Call Forwarding

Always	<input checked="" type="radio"/> off <input type="radio"/> To voicemail <input type="radio"/> To this number: <input type="text" value="333"/> <input style="float: right;" type="button" value="?"/>
If Busy	<input checked="" type="radio"/> off <input type="radio"/> To voicemail <input type="radio"/> To this number: <input type="text"/> <input style="float: right;" type="button" value="?"/>
If No Answer	<input checked="" type="radio"/> off <input type="radio"/> To voicemail <input type="radio"/> To this number: <input type="text"/> <input style="float: right;" type="button" value="?"/>
Ring Frequency	<input type="text" value="15"/> (Default: 15s, Max: 15s)

Control

Action URI allow IP List

List IP address of PC, who can remote control this device.

7.7 Action URL

It allows IP phone to interact with web server applications by sending an HTTP or HTTPS get request. You can specify a URL that triggers a get request when a specified event occurs. Action URL can only be triggered by the pre-defined events(e.g. Incoming Call). The valid URL format is: `http(s)://IP address of the server/help.xml?`.

Off Hook	<input type="text"/>	?
On Hook	<input type="text"/>	?
Incoming Call	<input type="text"/>	?
Outgoing call	<input type="text"/>	?
Established	<input type="text"/>	?
Terminated	<input type="text"/>	?

7.8 EP+

EP+ options are for the users who download the EP+ application on mobile phone. After Completing below settings, EP+ will be activated. For more details, please refer to <http://escene.cn/productshow.php?cid=322&id=59&parentcateid=322>

onfigure c inua

EP+ off Direct Connect Roaming

Password 8760

OutCode

OutCode Length 0

Door bell Code

Open Door Password

Roaming Server Address : 0

You can do

wnload the Android/IOS EP+ APP by scanning the QR code below. After EP+ APP install ed, you can follow the first installation guide to operate:

A) Mobile phone need to be connected to LAN by using WIFI.

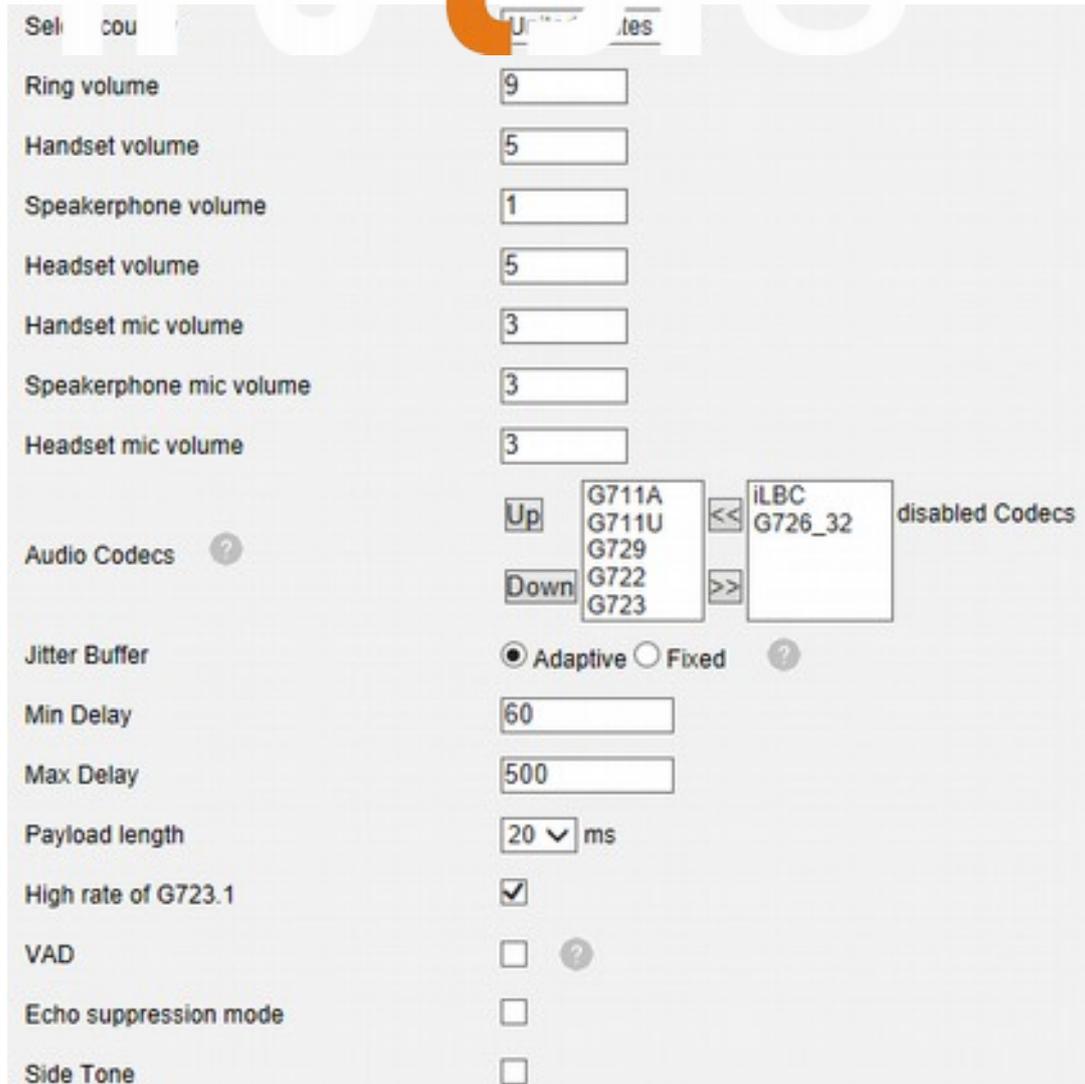
B) Using EP+ APP to scan/manually input the IP Phone MAC code.

C)Find the EP+ APP password form IP Phone's LCD menu or WEB. LCD: Press C > Vie w Status > EP+ Password. WEB: Login WEB > Phone Setting > EP+. And then input the password into the EP+ APP.

D) Press Login button.

Note: EP+ setting mode default is automatic. For more information, refer to EP+ user ma nual.

7.9 Audio



Select country: United States

Ring volume: 9

Handset volume: 5

Speakerphone volume: 1

Headset volume: 5

Handset mic volume: 3

Speakerphone mic volume: 3

Headset mic volume: 3

Audio Codecs:

- Up: G711A, G711U, G729, G722, G723
- Down: iLBC, G726_32 (disabled Codecs)

Jitter Buffer: Adaptive Fixed

Min Delay: 60

Max Delay: 500

Payload length: 20 ms

High rate of G723.1:

VAD:

Echo suppression mode:

Side Tone:

ITEM	DESCRIPTION
Select Country	Select the country dial tone. Default is United States.
Ring Volume	The ring volume default is Lv3, the range is 0~9.
Handset Volume	The handset volume default is Lv5, the range is 1~9.
Speaker Phone Volume	The speaker volume default is Lv5, the range is 1~9.
Headset Volume	The headset volume default is Lv3, the range is 1~9.
Handset MIC Volume	The handset MIC volume default is Lv3, the range is 1~7.
Speaker Phone MIC Volume	The speaker MIC volume default is Lv3, the range is 1~7
Headset MIC Volume	The headset MIC volume default is Lv3, the range is 1~7
Audio Codec	Use the navigation keys to << highlight the desired one in the Enabled/Disable Codes list, and press the / to move to the other

	list.
Jitter Buffer	
Min Delay	The min delay range setting , default is 60.
Max Delay	The max delay range setting , default is 150.
Play Load Length	The play load length setting, default is 30ms.
High Rate Of G723.1	Enable/Disable High Rate of G723.1 feature.
VAD	Enable/Disable VAD feature.
Echo Suppression Mode	Enable/Disable Echo Suppression Mode feature.
Side Tone	Enable/Disable Side Tone feature.

7.10 Ring

Internal ringer text:

This Internal ringer text enables the server to distinguish between internal and external rings. The trace head-info must include "Alert-Info: ;info=".

Internal ringer file:

According to the defined Internal ring text, play the corresponding Internal Ring File.

Description
 IP
 Port (Default: 5060)
 Prefix
 Account
 Insert called number
 Called Delete Number
 Position
 Position

Note: If add and delete code at a one-time, add code firstly, then perform delete code operation based on the number added which decide the position and length of the Delete Code.

ITEM	DECSRIPTIO
ID	Dial Plan ID
IP	The ip of a phone which you want to call
Description	Description with this dial rule.
Port	Setting the Port with this dial rule, default is 5060.
Prefix	The number which you need to press actually if you want to call the phone
Called Insert Number	There have two option, Enable or Disable.
Position	Which position you want insert the number
Number	Which number you want to insert
Called Delete Number	There have two option, Enable or Disable.

NOTES: If you want to know more detail about Dial Rule, pls find it in the official website to download the specific document. [HTTP://www.univois.com](http://www.univois.com)

7.11 BLF Setting

Create the BLF groups and members of group.

ID	Operation	Group name
1	 	test1

ID

ID	Operation	Name	Phone	Group
1	 	test test1	2222	test1

7.12

TR069

Serial number

First name

Last name

Phone

BLF Group

CWMP

Protocol

CWMP Host URL

Username

Password

Periodic

Frequency Seconds

Password

New password

Confirm password

MPL: mobile phone line

	MPL	<input checked="" type="radio"/> off <input type="radio"/> on
ITEM	MPLName	<input type="text" value="U7KS"/>
MPL	PinCode	<input type="text"/>
MPL Name	Mac	is 001122-U7KS
Pin Code	State	pin code. Default is (null)
Mac	This is the MPL's bluetooth mac, e.g 00268B001122	
State	Show the status with MPL	

8 Phone Book

The phone book including Group, Contact, LDAP and Ban list, please review the following for more details:

8.1 Contact

You can add, edit and delete contact in a phone book on this web page .

The phonebook can storage 300 contacts entry

Delete	ID	Operation	Name	Phone	Group
<input type="checkbox"/>	1	   	test test	Number1: 1111	

[Add Contact](#) [Delete all Contacts](#) [Upload Phonebook](#) [Hangup](#)

Serial number	<input type="text" value="1"/>
First name	<input type="text" value="test"/>
Last name	<input type="text" value="test"/>
Office Number	<input type="text" value="1111"/>
Mobile Number	<input type="text"/>
Home Number	<input type="text" value="test"/>
Work Number	<input type="text"/>
Main Number	<input type="text" value="test@test.com"/>
Fax Number	<input type="text"/>
Other Number	<input type="text"/>
Group1	<input type="text" value="None"/>

If you want to add a Contact,

- Office Number
- Mobile Number
- Home Number
- Work Number
- Main Number
- Fax Number
- Other Number

you just ought to click 'Add

Contact' .

You can edit an existed Contact by click. 

You can delete an existed Contact by  click, if you want to delete all Contacts, you just ought to click 'Delete All Contact'.

You can edit or move this contact to Ban  List after you select .

You can download and save this contact  to PC after you select .

8.2 Group

You can add, edit and delete group in a phone book on this web page.

ID	Operation	Group name	Group member	Description	Ring type
1	 	testgroup1	0	testgroup1	Ring2

If you want to add a Group, you just ought to click 'Add Group' .

You can edit an existed

Group by click.

You can delete an existed Group by  click, if you want to delete all Groups, you just ought to click 'Delete All Group'.

Serial number	1 ▾
Description	testgroup1
Group name	testgroup1
Ring type	Ring2 ▾
	
<input type="button" value="Submit"/> <input type="button" value="Cancel"/>	

8.3 LDAP

NOTES: If you want to know more detail about LDAP, pls find it in the office website to download the specific document. [HTTP://www.Univois.cn/en](http://www.univois.cn/en). As below figure is an example.

e.g.

LDAP Name
Filter:(sn=%s)

LDAP Number Filter:(telephoneNumber=%s)
Server Address:192.168.0.65
BASE:DC=ldap,DC=Univois,DC=com
User Name: bb@ldap.Univois.com
Pass Word: Univois_2012
LDAP Name Attributes 1:sn
LDAP Name Attributes 2:cn
LDAP Number Attributes 1:telephoneNumber

LDAP	<input type="radio"/> on <input checked="" type="radio"/> off ?
LDAP Name Filter	<input type="text"/> ?
LDAP Number Filter	<input type="text"/> ?
Server Address	<input type="text" value="0.0.0.0"/> ?
CWMP Port	<input type="text" value="389"/> ?
Base	<input type="text"/> ?
Username	<input type="text"/> ?
Password	<input type="text"/> ?
Max. Hits	<input type="text" value="50"/> ?
LDAP Name Attributes 1	<input type="text"/> ?
LDAP Name Attributes 2	<input type="text"/>
LDAP Name Attributes 3	<input type="text"/>
LDAP Number Attributes 1	<input type="text"/> ?
LDAP Number Attributes 2	<input type="text"/>
LDAP Number Attributes 3	<input type="text"/>
Protocol	<input type="radio"/> Version 2 <input checked="" type="radio"/> Version 3 ?
Search Delay(ms)(0~2000)	<input type="text" value="0"/> ?
LDAP Lookup For Incoming Call	<input checked="" type="radio"/> on <input type="radio"/> off ?
LDAP Lookup For PreDial/Dial	<input type="radio"/> on <input checked="" type="radio"/> off ?

Blacklist

You can add, edit and delete contact in a Ban List on this web page .

Serial number 1 ▾

ID	Operation	Name	Phone	Description	Account
1	  	name1 lastname1	Number1:1111 Number3:2222	blacklist1	1

If you want to add a Ban List, you just ought to click 'Add Ban List'.

Office number

Other number

Account

- Auto
- Account1
- Account2
- Account3
- Account4
- Account5
- Account6
- Account7
- Account8

You can edit an existed Ban List by click.

You can delete an existed Ban List by  click, if you want to delete all Ban List, you just ought to click 'Delete All Ban List'.

You can edit or move this contact to  Contact after you select .

8.5 Phone Call Info

You can remote or local control the IP phone to make a call by WEB.

Dial a Number

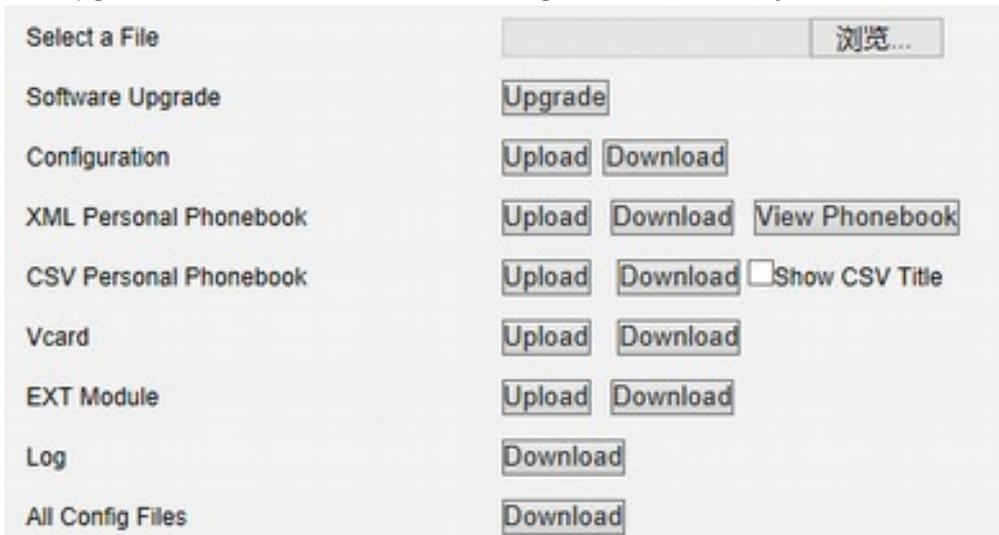
Outgoing Account Auto ▾

Maintenance

NOTES: Don't cut off the electricity or network cable when doing upgrade in the below ways!

9.1 HTTP Upgrade

You can upgrade the software, kernel and configuration etc. files by HTTP.



When using HTTP upgrade, you can set several parameters as follow:

HTTP Upgrade	
Select a File	Browse the software/kernel/configuration file which you need to upgrade from HTTP
Software Upgrade	Used for upgrading the software of the phone
Kernel Upgrade	Used for upgrading the kernel of the phone
Configuration	You can used upload/download to upload/download the configure file of the phone
XML Phone Book	Used for uploading/downloading the XML phonebook of the phone
Vcard	Downloading all contacts in the Vcard mode, but upload only

	support one by one.
EXT Module	Used for updating/backup the expansion of the phone [NOTES: The mode doesn't support this feature]
Log	Used for the administrator to find out or making sure the problem with this equipment.
All Config File	All Config File includes: Configuration, Extern, Log, XML Phone book, Enterprise Phone Book.

9.2 FTP Upgrade

You can upgrade the software, kernel and configure files by FTP.

Server IP	<input type="text"/>	Note: It's not necessary to input a file name for backup.
File name	<input type="text"/> ()	
Username	<input type="text"/>	
Password	<input type="text"/>	
Software Upgrade	<input type="button" value="Upgrade"/>	
Configuration	<input type="button" value="Update"/> <input type="button" value="Backup"/>	
Phone Book	<input type="button" value="Update"/> <input type="button" value="Backup"/>	
EXT Module	<input type="button" value="Update"/> <input type="button" value="Backup"/>	

When using FTP upgrade, you can set several parameters as follow:

FTP Upgrade	
Server IP	The IP address of the FTP server
Filename	Downloading from FTP server
Username	Providing by FTP server
Password	Providing by FTP server
Software Upgrade	Used for upgrading the software of the phone
Kernel Upgrade	Used for upgrading the kernel of the phone
Configuration	Used for updating/backup to update/backup the configure file of the phone
Phone Book	Used for updating/backup to update/backup the phonebook of the phone
EXT Module	Used for updating/backup the expansion of the phone

	[NOTES: The mode doesn't support this feature]
--	--

NOTES: It's not necessary to input filename when doing backup Configuration, Phone Book, EXT Module.

9.3 TFTP Upgrade

You can upgrade the software, kernel and configure files by TFTP.

Server IP	<input type="text"/>
File name	<input type="text"/> <small>Note: It's not necessary to input a file name for backup.</small>
Software Upgrade	<input type="button" value="Upgrade"/>
Configuration	<input type="button" value="Update"/> <input type="button" value="Backup"/>
Phone Book	<input type="button" value="Update"/> <input type="button" value="Backup"/>
EXT Module	<input type="button" value="Update"/> <input type="button" value="Backup"/>

When use TFTP upgrade, you can set several parameters as follow:

TFTP Upgrade	
Server IP	The IP address of the TFTP server
Filename	Downloading from FTP server
Software Upgrade	Used for upgrading the software of the phone
Kernel Upgrade	Used for upgrading the kernel of the phone
Configuration	Used for updating/backup the configure file of the phone
Phone Book	Used for updating/backup the phonebook of the phone
EXT Module	Used for updating/backup the expansion of the phone [NOTES: The mode doesn't support this feature]

NOTES: It's not necessary to input filename when doing backup Configuration, Phone Book, EXT Module.

9.4 Auto Provisioning

When you open this auto provision feature, the phone will do auto provision after it detect a different software or kernel (Higher or Lower) which are putted on the TFTP,HTTP,HTTPS,FTP, server. For the detailed information about auto provision, you can find it in the official website: [HTTP://www.Univois.com](http://www.Univois.com)

IP a e

PNP Interval (minutes)

Auto Provision on off

Protocol

Software Server URL

Username

Password

Auto Download Software

Auto Download Config File

Auto Download Expansion

Auto Download Enterprise Phonebook

Auto Download Personal Phonebook

Bootling Checked

Zero Active off on ?

Wait Time(1~100s) ?

Disable the phone while booting off on

Auto Provision Frequency

Auto Provision Time

Next Auto Provisioning Wed Jul 5 11:29:04 2017

AES Enabled off on

AES Key

Download file name

When using auto provision, you can set several parameters as follow:

Auto Provision	
PNP active	The request to the server is to obtain a support URL for upgrade.
PNP Interval(minutes)	Setting the PNP interval.
Auto Provision	You can enable/disable auto provision by select on/off
Protocol	Used for auto provision, it includes TFTP/HTTP/FTP
Software Server URL	The server address of the auto provision

	Providing by
Username	
Password	Providing by provision server
Auto Download Software	Used for auto download software from server
Auto Download Kernel	Used for auto download kernel from server
Auto Download Config File	Used for auto download config file from server
Auto Download Expansion	NOTES: The model doesn't support this feature.
Auto Download Enterprise Phonebook	Used for auto download Enterprise Phonebook from server
Auto Download Personal Phonebook	Used for auto download personal phonebook from server
Bootring Checked	Used for checking the auto provision when phone booting
Zero Active	Enable or disable zero-sp-touch which is used to download configuration on the server during the phone power on.
Wait Time(1~100s)	The time when configuration interface of zero-sp-touch will show up when power on.
Disable the phone while booting checking	Enable/Disable the booting checking feature.
Auto Provision Frequency	Used for setting the time interval for auto provision
Auto Provision Time	Used for the specific time for auto provision
Auto Provision Next Time	Reset the Auto Provision Next Upgrading time.
AES Enable	You can enable/disable AES encrypt for auto provision
AES Key	The key of the AES
Download file name	Setting the download file name for Upper case or Lower case
Auto Provision Now	Used for doing auto provision immediately

9.5 Log

This feature is use for the administrator to managing the equipment, like debugging, SIP etc.. If you need to catch a debugging Level, you need to setup on this interface.

No record
 Call
 SIP
 LCD

Error Level

Local Terminal LogServer

Log Server Address :

Capture packet

Log

Check the log file on the local.

<input type="checkbox"/>	ID	Operation	FileName	Size
<input type="checkbox"/>				

9.6 Default Settings

You can load the phone to the factory default setting in default setting option.

Click Reset to Factory Settings button to restore all settings to the factory default state.

Press the 'Reset to Factory Setting' option, the phone will load to factory default setting on next reboot.

9.7 Reboot

You can use reboot option to reboot the phone.

Attention: Rebooting the phone will result in temporary loss of phone and web services, click reboot to continue.

Security

10.1 Password

Here you can setting the administrator or user WEB password management. Select your type. If you login as an administrator, you can modify both the user's and admin's passwords.

10.2

Administrator User

Username

Old password

New password

Confirm password

Trusted Certificates

Name	Begin time	End time	Operation
Trusted certificates upload		<input type="text"/>	<input type="button" value="浏览..."/>
		<input type="button" value="upload"/>	<input type="button" value="Delete all certificates"/>

Strategy

You can use IP Strategy feature to make a list which can be set to only allow the incoming call on the list.

e.g. As following picture you can see it has 192.168.0.248 in the list. When you open this feature. It means you just allow come from this IP address meeting

IP Strategy off on

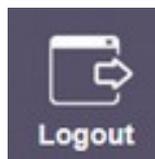
ID	Operation	IP Address	Description	Account
<input type="button" value="Add IP Strategy"/> <input type="button" value="Delete all IP Strategies"/>				

11 WEB Other Settings or Information -

Appendix

11.1 Logout

Logout the IP Phone web management.



11.2 Note Tips

In the right middle of the website page, there is a Note tips in every function page. Hope it can help you to know something about that.

UNIVOIS

Note

Register status:

It shows the Register Status.

Network Status:

It shows the information of LAN port and PC port.

System Info:

It shows the version of firmware