620 Series IP Phone

User Manual

Escene Communication Co.Ltd

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1. Getting Started

About

620 SERIES IP Phone series is a new generation intellectual desktop terminal. It brings in you a completely new and more efficient work experience in modern offices.

IP Phone series is a fashionable, beautifully shaped and high-tech product. Its excellent speech quality gives you an unprecedentedly comfortable talking and its rich function keys make the operation very convenient. One key dial can be easily achieved with proper settings. 4.3", high resolution LCD displayer provides you a friendly user interface. Benefit from which, more detail information can be displayed. With the help of the integrated browser, users can access any XML based information, and extend more commercials.

620 SERIES IP Phone series support multi account registering and multi call management. Call Waiting, Call Queuing and Call Forward can be well implemented; meanwhile, it makes conference to be created very quickly. No matter how busy the calls will be, IP Phone can easily satisfy the requirement.

620 SERIES IP Phone series supports 2 extend modules that totally contain 64 programming buttons, and up to 2 ESM20-LCD expansion modules and 80 programmable buttons. With the Busy Lamp Field function, operators can manage and monitor the calls more efficiently. It provides headset jack that compatible with professional microphone headsets, which will finely satisfy the call centre.

Illustrate

Firstly, before you use this user manual, please check the below illustrate carefully. This user manual is common use in WS620-PEGV4、ES620-PEGV4. please check the different.

WS 620 is wifi phone, it has wifi module, it is the different from ES620,but the function is the same .

ES: Enterprise Series, WS: Wi-Fi Series, P: support POE, E: support Expansion Module, G: Gigabit Port.

Expansion support list. Pls make sure your model is support or not.

Model	ES/WS620-PEGV4	ES/WS330-PEGV4	ES/WS/GS620-PEN	ES/GS410-PEN	ES/WS/GS330-PEN
ESM32	2	2	2	2	2
ESM20-LCD	2	-	2	-	-

Features

- 4.3"480x272 Pixels HD LCD
- Customizable Screen

- HD Voice: HD Codec
- Advanced Call capability:
  8 VoIP Line/programmable buttons (dual-colors LED) and support BLF in programmable buttons.
- Expansion Module:
  Up to 2 EMS32 expansion modules and 64 programmable buttons, and up to 2 ESM20-LCD expansion modules and 80 programmable buttons, BLF supported.
- Extensible Markup Language(XML)
- Support PoE and AC power adapter

Technical Parameters

Item	620 SERIES
Screen	High-definition color LCD with Background light
	480*272 pixel, 4.3 inch.
Line	8 Light status: Coming call (Red flashing) Hold(Green flashing);Talking (Green)
Language	Multi-Language(e.g.CN/EN/Spain/Portugal/Poland/Turkey/French/Italy etc.)
Function Keys	4 soft keys, 8 Line keys
	6 Navigation keys(Arrow button, OK button, C button)
	Volume adjust, Hands-free, Mute, Headset, Message, Menu
	Directory, Service, Hold, Redial, Conference, Transfer
VoIP Protocol	SIP 2.0
Network Protocol	HTTP, BOOTP, FTP, TFTP, IEEE 802.1Q, *IEEE 802.1X
Codec	G.723.1(5.3Kb/s,6.4Kb/s), G.729 A/B(8Kb/s), G.711 A/U, G.722(64Kb/s)
QoS	TOS, Jiffer Buffer, VAD, CNG, G.168 (32ms)
Network	3×RJ45 10/100/1000M Ethernet Interfaces (LAN/PC/EXT), EXT port just only in E model;
	Tips: ES620 only have 2xRJ45 10/100M Ethernet Interfaces
	IP Assignment: static IP, DHCP, PPPoE
	PC port support Bridge and Router
	DNS SRV,STUN, VPN(L2TP), VLAN/QoS
	STUN,DTMF(In-band/RFC2833/SIP INFO)
	WIFI support IEEE 802.11 a/b/g/n/ac
Function APP	Always Forward, Busy Forward, No-answer Forward
	Hotline line (Immediately/Delay)
	Call Waiting, Call Queuing
	Call Forward, Call Transfer, Call Holding, Call Pickup, *Callback
	Redial
	Phone directory speed dial, Call record direct dial
	3-way conference
	DnD, Blacklist, SMS

	Voice mail, Voice Prompt, Voice Message P2P(Peer-to-Peer)
PBX	Call Transfer, Call Pick-Up, Network-Meeting, DND, Call Waiting, Call Hold.Call Barring, Call Back On Busy, Anonymous Call ,Intercom, Paging
Expansion Interface	EXT: ESM32 & ESM20-LCD programmable key module SOR: FXS, FXO, Record
Application	LDAP(2): search someone in two LDAP server. Enterprise phone directory, download with server, and it support 800 contacts Public phone directory XML Phonebook : Search /Input/ Out put Private phone directory: input/output 300 contacts, every contact can save 3 numbers and the size of number is 19 byte. Call History(600): every records is 200 with Miss Calls /Received Calls/Dialed Calls. Voice Message, Voice Mail Box, Light of Message. Ringing Update, Input, Del, *we also support to order the other APP.
Security	Login the website by password Login the LCD by password Signaling encryption(RC4) Media encryption(RC4) VPN, 802.1X, VLAN QoS(802.1pq), *LLDP AES, ROOT/USER Management
Management	Upgrade: HTTP/TFTP/FTP Auto-provision/TR069 Configurations: Phone/HTTP/Auto-provision/TR069 Debug: Telnet/Phone/Web
Power Supply	Power adapter:AC100~240V input and DC 12V/1A output PoE(IEEE 802.af); USB(Standard DC 5V)
Specifications	Infineon Chipset 42 Buttons, include 8 programmable keys Storage Temperature: 0℃ ~ 60℃ Operating Humidity: 10%~90% Size: 275mm*215mm*90mm Net weight:1.37kg
Certifications	CE、FCC、RoHS、Avaya、Broadsoft、Alcatel、Yeastar、Digium

Note: "*" Sign means function has not been published yet.

2. Connecting Your Phone

Your system administrator will likely connect your new ES620 IP Phone to the corporate IP telephony network. If that is not the case, refer to the graphic and table below to connect your phone.

    1)   Open the box ES620 IP Phone; carefully check the packing list, Packing List as follows:

Item	Counts
IP Phone	1
Handset	1
Handset Cord	1
Power adapter	1
RJ45 cable	1
Quick Reference	1
Product certification	1

    2) As shown in figure 2.1 and figure 2.2, Please plug Handset Cord into RJ11 interface(IP Phone and Handset), RJ45 cable into the LAN interface；IP Phone will automatically start if IP Phone with POE function.

    3) The phone must work together with power adapter without POE support.

    4) Connect your computer to PC interface of the phone with cable.

    * More detailed description please refers to the *3.Phone overview-Understanding phone buttons and hardware*.

Figure 2.1 Interfaces of 620 Series
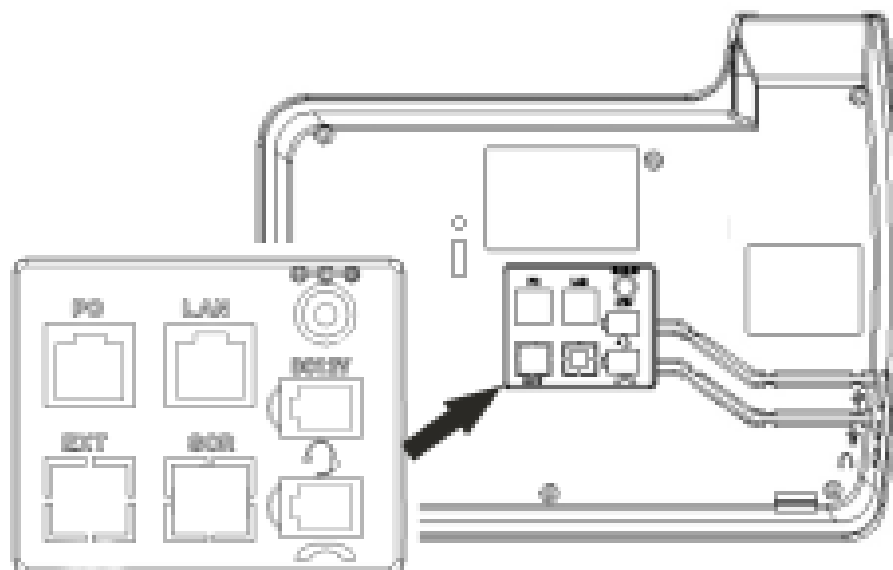
Figure 2.2 Footstand of 620 Series
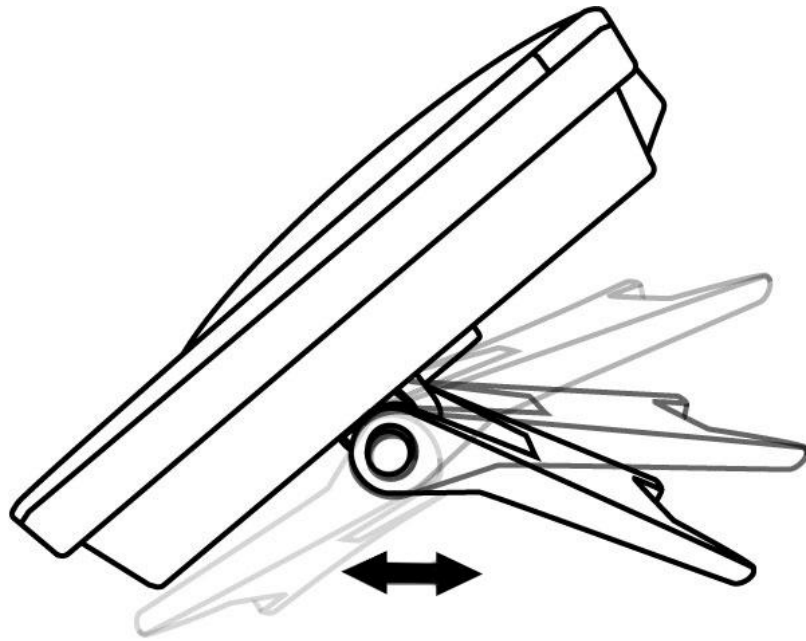
5）If you want to connect an ESM (Expansion module), you could connect it (any interface on the ESM) to the EXT interface on the phone with a RJ-45 cable (a straight-through cable), and the second ESM can be connected to the first one too.

3. Phone overview

Understanding Buttons and Hardware

From figure 3.1 to figure 3.2,you can understand buttons and hardware about *620 Series*。

Figure 3.1 620 Series overview

Num	Buttons	Description
1		Headset button: Toggles the headset on or off Red means the feature is enabled.
2		Mute button: Toggles the Mute feature on or off. Red means the feature is enabled.
3		Message button: Typically auto-dials your voice message service. Red means have unread voice mail.

4	SERVICE	Service button: Open or Close the Services menu.
5	DIRECTORIES	Directories button: Use it to access call logs and corporate directories.
6	MENU	Menu button: Allows you to scroll through menus.
7		Volume button: Controls the volume and other settings.
8	CONFERENCE	Conference button: Connect calling / called party to the conference
9	REDIAL	Redial button: To Redial the last number.
10	TRANSFER	Transfer button: Transfer redirects a connected
11	HOLD	Hold button: Put a call on hold
12	0-9，*，#	Basic Call Handling: Press "#" send out a call(default)
13	Speaker button	Speaker button: Toggles the speakerphone on or off. 🔴 Red, steady: Pick up and enter normal call.
14	Softkey	Each displays a softkey function, To activate a softkey, press the softkey button.
15	Line/Programmable Buttons	Line button: Select the phone line(Call or Answer) Different colors for different status: 1）⬤ Red, flashing: There is an incoming call. 2）⬤ Red, steady: Pick up and enter normal call. 3）⬤ Yellow-green, flashing: Holding call. 4）⬤ Yellow-green, steady: Active call. Programmable Keys: Hotline number can be used to bind in order to achieve speed dial; Turn on BLF: 1)⬤ Red, steady: Remote line is busying. 2)⬤ Yellow-green, steady: Remote line is idle.
16	C	Back button: Return to the standby interface;

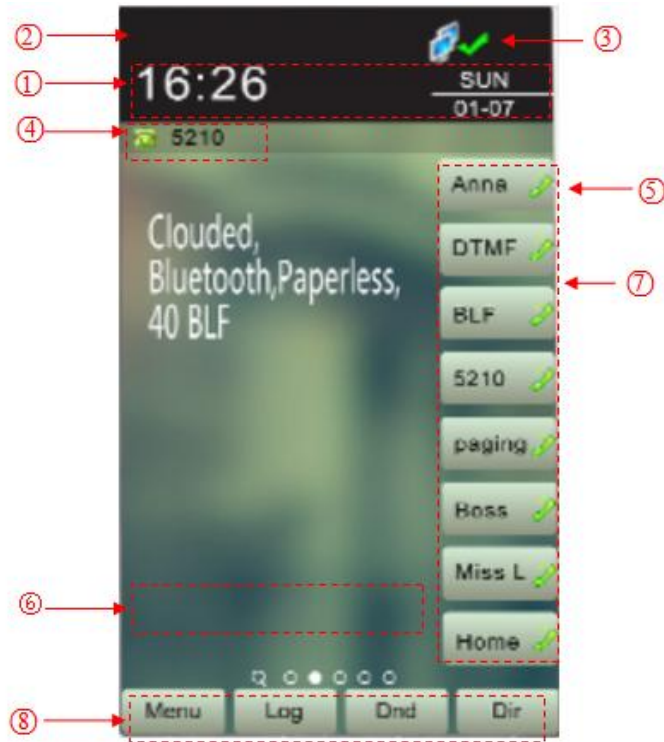| 17	Navigation button	"Up": Open "Speed Call" list; "Down": Open "Missed Calls" list: "Left": Open "Received Calls" list; "Right": Open "Dialed Numbers" list
18	OK	OK button: To confirm the action;
19	Hands-free speakerphone	Hands-free voice of the output.
20	LCD screen	480*272 pixel Color high-definition display.
21	Status light	⬭ Red flashing: There are incoming call； ⬭ Red, steady: Missed Calls, or phone busy;
22	Hands-free microphone	Hands-free voice of the output.

Figure 3.2 Interfaces of 620 Series

Num	Hardware	functions
1	Footstand	Hold up phone
2	Footstand button	Press buttons at the same time to adjust the angle
3	Reserved for USB port	Enhanced scalability
4	Microphone port	Connect the Microphone
5	Power port	12VDC
6	Headset port	Support RJ9 interface connection
7	Handset port	Connect the Handset
8	EXT port	Expansion module interface
9	LAN port	Connect to a LAN interconnecting device
10	PC port	Connect to a local PC
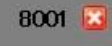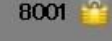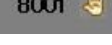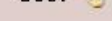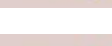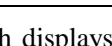
Understanding Phone Screen Features

This is what your main phone screen might look like with an active call:

Figure 3.3 LCD of 620 Series

Num	Screen	Functions
1	Time and Data	Display current time and data
2	Service status	1）![icon]: Headset turned on 2）![icon]: There are Missed calls 3）AA: Auto-answer turned on 4）![icon]: Mute turned on 5）![icon]: DND turned on
3	Network connection status	Phone LAN interface network connection status display: 1）![icon]: Network connection is successful 2）![icon]: Network is disconnected.
4	Primary phone	Displays the phone number(extension number)for your primary

	Line	Phone line.
5	Call activity Area	Displays calls per line, including caller ID, for the highlighted line.
6	Missed calls tips	Show the number of missed calls.
7	Line status/ Speed Call	1）: Line is successfully registered to a SIP server 2）: Line is not successfully registered to a SIP server 3）: DND turned on in this line 4）: Line is held 5）: Peer-to-Peer status 6）: dialing 7）: talking 8）: ringing 9）: Transferring a call 10）: 3-ways conference 11）: speed dial key
8	Softkey labels	Each displays a softkey function. To activate a softkey, press the softkey button.
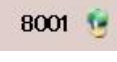
4. Basic Call Handing

You can perform basic call-handling tasks using a range of features and services. Feature availability can vary; see your system administrator for more information.

Note: The bold type of the following text and following a "button" in table signifies the phone's button (for example, **OK** button), and the signifies softkey.

Placing a Call

Here are some easy ways to place a call on *620 Series* IP Phone: :

If you want to...	Then...	
Place a call using the handset	Pick up the handset;	--1）Hear the dial tone； --2）The first line light and display 8001 ；
Place a call using a Speakerphone	Press **Speaker** button; or **Programmable** buttons; or NewCall ;	--3）Enter number； --4）Press "#" button(default); or press Send ； or wait five seconds(default) Then send the call;
Place a call using a headset	Press **Headset** button.	
Redial	--Press **REDIAL** button to dial the last number -or press **Navigation button-Right** > "Dialed number", select a number, and press Dial or **OK** button.	
Dial from the Directory on your phone	--1) Press **MENU** or **OK** button > "Call history", you can select "Missed calls", "Received calls" and "Dialed numbers", - or press **Navigation button** (in Standby interface) > select "Missed calls" (**down**), "Received calls" (**left**) and "Dialed numbers" (**right**) ； --2) Then press **OK** button or Dial .	
Place a call while Another call is active	--1) Press **Hold** button or Hold ； --2) Enter a number; --3) Press '**#**' button (default) ; -or press Send to send the number.	

Tips

• You can dial on-hook, without a dial tone (pre-dial). To pre-dial, enter a number, and then go

off-hook by lifting the handset or pressing Send , **Headset** or **Speaker** button.

• If you make a mistake while dialing, press **C** button to erase digits.

Answering a call

You can answer a call by simply lifting the handset，or you can use other options if they are available on *620 Series*:

If you want to...	Then...	
Answer with a handset	--1) Your phone ring; --2) **Line** button of the ringing line is Red⬤ and flashing, Light strip is Red⬤ and flashing; --3) Status of the line on the phone is 8001 🔔.	--Pick up the handset
Answer with the speakerphone (Non-headset mode)		--Press **Speaker** button -or press the **Line** button flashing Red⬤, -or press Answer
Answer with the a headset		--Put on headset, press **Headset** button so that the status light is Red⬤, and then do as using speakerphone
Switch from a connected Call to answer a ringing Call	--1) Another **Line** button is Red⬤ and flashing, Light strip is Red⬤ and flashing; --2) Press the flashing⬤ **Line** button to answer (at this time, the original call will be hold.)	
Auto-answer	--1) Press **MENU** or **OK** button > "Function settings" > "Auto answer"; --2) Select "Enable"; --3) Your phone answers incoming calls automatically after a few rings.	

Ending a Call

To end a call, simply hang up, here are some more details:

If you want to...	Then...
Hang up while using the Handset	--Return the handset to its cradle, -or press EndCall
Hang up while using the	--Press **Speaker** button that is Red⬤,

Speakerphone	-or press **Line** button for the appropriate line, -or press EndCall
Hang up while using the Headset	--Press **Handset** button, （Do not keep the headset mode）, -or press EndCall （keep the headset mode）
Hang up one call, but preserve another call on the other line	--Press EndCall , -or refer to the above three methods

Using Hold and Resume

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 Hold
Hold a line and switch to another line	Press another **Line** button for the appropriate line
Resume a call on current line	--Press appropriate line button,
Release a call on different line	Select the line want to release hold, press the line, so recovery;

Tips
• Engaging the Hold feature typically generates music or a beeping tone.
• A held call is indicated by the Yellow-green ⬤ and flashing Line button. And line status is 8001 ✋ .

Transferring Calls

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

If you want to...	Then...

Talk to the transfer recipient before transferring a call (consult transfer)	--1) Press **TRANSFER** button or press `Transfer` ;
	--2) Enter number;
	--3) press "**#**" （default) ,
	  -or press `Send` then transfer the call,
	    -or wait five seconds(default)then transfer the call

Transferred to idle lines or other numbers without talking to the transfer recipient (Blind transfer)	--1) Press **TRANSFER** button or `Transfer` ;
	--2) Press `Blind` ;
	--3) Enter number;
	--4) Press "**#**" （default)
	  -or press `Send` , then transfer the call;
	    -or wait five seconds(default)then transfer the call

Blind transfer to the Held line	--1) Press **TRANSFER** button or press `Transfer` ; --2) Press the **Line** button of held line
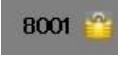
Using Mute

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。

If you want to...	Then...
Toggle Mute on	Press **Mute** button, then the button is Red
Toggle Mute off	Press **Mute** button, then the button light off

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.)。

If you want to...	Then...
Enable global DND	--1) Press [DND] ; --2) All enabled line on the phone would changes to [8001] status.
Enable DND on a single line	Press **MENU** or **OK** button > "Function setting" > "DND" > (select line) "Enable"
Disable DND	--Global DND enabled, press [DND] to disable global DND; --Line DND enabled, press twice [DND] , -or press **MENU** or **OK** button > "Function setting" > "DND" >(select line) "Disable"

3-way Conference

You can establish a three-party conference, during the conversation three phone parties can communicate with each other.

If you want to...	Then...
Invite the transfer recipient into a conference in a transferring	--1) When the transfer recipient answer the call, press **CONFERCENCE** button or [confer] on your phone; --2) Then the held one, transfer recipient and you will be into a conference.
Invite the third party into a conference in a active call	--1) Press **CONFERENCE** button or [confer] in an active call; --2) Enter the third party number； --3) After connected the third party, press **CONFERENCE** button or [confer] again
establish a conference	--1) when one phone line is holding on and the other line is busy;

with held line	--2) Press **CONFERENCE** button, -or Press `confer` Soft key --3) press the held line's programmable button, the 3-way Conference will establish.

Expansion Installation

If you want to...	Then...
Expansion installation	--1) Press **MENU** or **OK** button > "Function setting" > "expansion installation", --2) if you want to install expansion, please according to tips to do ,after you install ,press"finish".

Expansion Settings

If you want to...	Then...
Expansion setting	--1) Press **MENU** or **OK** button > "Function setting" > "expansion installation", --2) choose which you want to set "expansion" --3)choose which you want to set " programmable keys " --4)you can set : Mode:Speed Dial、Asterisk BLF、Speed Dial Prefix、BLA、DTMF Account :choose account which you want to set Name:give it a name which you want Number: set your expansion number

Time & Date

If you want to...	Then...
Time & Date	--1) Press **MENU** or **OK** button > "Function setting" > "time & date", --2)you can select : SNTP: select "enable "to set parameter: time 、server 、daylight SIP server: select "enable " to set parameter: root can modify date . manual Settings: select "enable "to set parameter: date and time

VOIP Call Forwarding

If you want to...	Then...
Unconditional transfer	--1) Press **MENU** or **OK** button > "Function setting" > "voip call forwarding"; --2)select "unconditional transfer", select enable. --3)input number which you want to transfer, when have a call in ,it will unconditional transfer.
Busy transfer	--1) Press **MENU** or **OK** button > "Function setting" > "voip call forwarding"; --2)select "busy transfer", select enable. --3) input number which you want to transfer, when have a call in conversation ,it will transfer.

No answer transfer	--1) Press **MENU** or **OK** button > "Function setting" > "voip call forwarding"; --2)select "no answer transfer", select enable. --3) input number which you want to transfer, when have a call in but you don't have time to answer ,it will transfer.

5. Advanced Call Handling

Speed Dialing

Speed dialing allows you to enter an index number, press a button, or select a phone screen item to place a call.

If you want to...	Then…

Set up Speed Dials on your phone	--1) Press **MENU** or **OK** button > "Function setting" > "Hot line ，You can configure twelve speed dial numbers on the *620 Series* IP Phone;
	
	--3) Press **OK** button to set and modify:
	
	    -Mode:
	
	      -Hot Line: Dial quickly.
	
	      -Warn Line: It will auto dial after 5 sec.
	
	      -Press OK to save the changes

Using the phone book

You can store a large number of contacts in your phone's directory. You can add, edit, delete, dial, or search for a contact in this directory.

The personal phonebook can storage 300 contact entry,and the enterprise phonebook can storage 800 contact entry.

If you want to…	Then…

Add Contacts	--1) Press **DIR**
	
	   -or press **MENU** button > "Phone book">"Personal phone book",
	
	   -or press **Directories** button > "Phone book">"Personal phone book";
	
	--2) Press **OPT.**;
	
	--3) Select "Add contact", press **OK** button or ;
	
	--4) Use the navigation keys to select content, press **OK** button to set and modify:
	
	    -Name: set the name of contact,
	
	    -NO.1-3: you can set up 3 contacts' numbers,
	
	    -Group: the contacts be divided into different user's groups
	
	--5) Press **Save** soft key to complete

Add group	--1) Press **DIR** soft key,
	
	   -or press **MENU** button > "Phone book">"Personal phone book",
	
	   -or press **Directories** button > "Phone book">"Personal phone book";
	
	--2) Press **OPT.** soft key;
	
	--3) Select the "add group" then press **OK** button or ;
	
	--4) Use the navigation keys to select content, press **OK** button to set and modify:
	
	    -Group name: name of the group
	
	--5) Press **Save** soft key to complete

Modify group	--1) Press **DIR** soft key,

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	-or press **MENU** button > "Phone book">"Personal phone book", -or press **Directories** button > "Phone book">"Personal phone book"; --2) Press **OPT.** soft key; --3) Select the "Modify group" then press **OK** button or press ![OK button] ; --4) Select the group you want to modify, press the **OK** button or **OPT.** to set and modify, press **Save** to save the change
Delete group	--1) Press **DIR** soft key, -or press **MENU** button > "Phone book">"Personal phone book", -or press **Directories** button > "Phone book">"Personal phone book"; --2) Press **OPT.** soft key; --3) Select the "Delete group" or **OK** button or ![OK button] ; --4) Select a group you want to delete, press **OK** button or ![OK button]
View/Edit Contacts	--1) Press **DIR** soft key, -or press **MENU** button > "Phone book">"Personal phone book", -or press **Directories** button > "Phone book">"Personal phone book"; --2) Select "View ALL", -or select a contact who are belong to different group; --3) Select the contact, press the **OK** button or ![View button] (to edit the contact's information, press **OK** button or **OPT.**)
LDAP	--1) --1) Press **DIR** soft key, -or press **MENU** button > "Phone book" -or press **Directories** button > "Phone book" --2)Select "LDAP", press the **OK** button. --3)Select "Search name->name", then input the name ,and press OK

• Each call log store up to 100 entries on *620 Series* IP phone.

6. Keypad Instruction

series IP phones are can be configured in two ways. The first you can use the phone keypad where you can settings for you IP phones, the other you can log in to User Options web pages where you can settings for you IP phones.

Use phone keypad to setting. Press **MENU** or **OK** button to the main menu, Use the navigation keys to select menu, press **OK** button to confirm menu selections, press **C** button or **Del** to delete input information.

Language

620 IP Phone supports Simplified Chinese 、English、Russian、French、Polish、Spanish、Portuguese

If you want to…	Then…
To change the language via phone interface	--1) Choose "System setting" > "Phone settings" > "Language"; --2) Scroll through the list of available languages. --3) Press **OK** button or **OPT.** when the desired language is highlighted. The language appears on the graphic display will be changed to the one you chose. --4)Or press OK button or MENU, navigate to Language, press OK, then select the language you want, press OK it will be changed to the one you chose.

SIP Account Settings

620 series IP phone make calls based on sip accounts, 620 series IP phones can support 8 independent SIP account, each account can be configured to different SIP server.

If you want to…	Then...

Create an sip account	--1) Choose "System settings" > "Advanced settings";
	
	--2) Enter the password required（The default is empty）；
	
	--3) Choose "SIP" > "Accounts SIP";
	
	--4) Choose one of the account you want to setting, you can configure the following parameters
	
	    -**Enable account**: choose Enable
	
	    -Account Mode: VOIP
	
	    -**Display Name**: The name displayed on the screen
	
	    -**User Name**: the account matched with the SIP server. （extension number），
	
	    -**Authen user**: the Authenticated users matched with the SIP server.（The default With the same account）
	
	    -**user pwd**: the user password matched with the SIP server
	
	    -**Description**: description of this account，
	
	    -**SIP1**: the primary SIP server，By default all calls through the server，
	
	    -**SIP2**: the secondary SIP ， When the primary server is unavailable ,use the SIP server
	
	    -**Refresh time**: Registration refresh interval, the minimum value is 20 The default value is 3600.
	
	    -Con type: the protocol use to communicate with SIP server.
	
	    -Amount of used lines: the lines the extension used,can use 1-8,default is 2.
	
	--5）Set up the above parameters，Press **Save** softkey to saves settings，Complete the account creation；
	
	* **Note**: the parameters with the * mark must be setted.

Disable sip account	--1) Choose "System setting" > "Advanced settings";
	--2) Enter the password required（The default is empty）；
	--3) Choose "SIP" > "Account sip";
	--4) Choose "Enable account" > "Disable";
	--5）Press **Save** soft key

Network Setting

If you want to…	Then…
network setting	--1) Choose "System settings" > "Advanced settings";
	--2) Enter the password required（The default is empty）；
	--3) Choose "Network">"LAN Settings", you can configure the following parameters:
	-**Type**: static IP or DHCP or PPPOE
	-**IP**: enter IP address ，Note: Do not duplicate the ip address with other devices on the network
	-**Mask**: enter appropriate sub mask
	-**GW**: enter appropriate gateway
	- **DNS1**: enter IP address of the primary DNS server
	- **DNS2**: enter IP address of the secondary DNS server
	-**Web port**: the default Web port is 80,if you change it(for example change it to 88),you must use 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 change it(for example change it to 2003),you must use IP and Telnet port to login the manage page (for example telnet 192.168.0.200:2003).It will take effect on next reboot.

Load default settings

If you want to...	Then...
Load default settings	--1) Choose "System settings" > "Advanced settings"; --2) Enter the password required（The default is empty）; --3) Choose "load default settings ",and press "**OK**", then "**Reboot"** the phone.

Modify password

If you want to...	Then...
Modify password	-1) Choose "System settings" > "Advanced settings"; -2) Enter the password required（The default is empty）; --3) Choose "modify password ",then input "old password ,new password to change "Advanced password" to login IP phone

Customizing Rings and Volume

If you want to…	This…
Change the ring tone	--1) Choose "System settings" > "Phone settings" > "Ring type"; --2) Press navigation to choose ring tone； --3）Press [Play] softkey to choose a ring tone to play a sample of it. Press [Stop] softkey to Stop Playing

	Press OK softkey to set the ring tone, Press ![Back] softkey to return to previous menu.
Adjust the volume level	--1) Choose "System settings" > "Phone settings" > "Volume settings" --2）You can adjust the volume level of following types 　　-**Ring volume**: Phone call ring volume, 　　-**Handset volume**: Handle output volume， 　　-**Handset mic volume**: Handle input volume， 　　-**Speaker volume**: Hands-free speaker output volume， 　　-**Speaker mic volume**: Hands-free input volume， 　　-**Headset volume**: Headphone output volume， 　　-**Headset mic volume**: Headset microphone input volume

WIFI setting(only WS620 have this item)

If you want to…	This…
Set WIFI	--1)Choose "System settings">"advanced settings">"advanced password:" --2) Press navigation to choose WIFI setting； --3）Press "ok" button or ![OK] 　-**Current site:** the wifi which the phone use now 　-**Site list**: where you can choose wifi --4）Press "site list", choose one wifi network which the phone searched 　-**SSID:** SSID name 　-**BSSID: the mac address of the WIFI network** 　-**Channel:the channel of the WIFI network use** 　-**Type:the type of the WIFI network** 　-**Encrypt:the encrypt of the WIFI network** 　-**Signal:the signal of the WIFI network** --5）Press "SSID",set WIFI which you choose

	-Encryption: the encryption of the WIFI network -Key type: the key type of the WIFI network -Key: the password which you should set to allow yourself to enter the WIFI network

Bluetooth setting

This is a new feature It allowing you to receive calls wherever you are in the office through Bluetooth headset. You can be free to answer or hang up the calls.
When you using this feature, please make sure you have BWM36. If you didn't have, you cannot use this Bluetooth feature.

Make your Bluetooth headset working:
● Make sure BWM36 equipment is connected and work normal.
● Make sure your IP phone support this Bluetooth feature.
● Make sure you have Bluetooth headset and work normal.
  Note: In the IP phone Bluetooth searching mode, you need to make your Bluetooth headset also in the searching mode. How to make your Bluetooth headset into the searching mode, please find and follow the Bluetooth headset User Guide. If the Bluetooth headset not in the searching mode, it will make the IP phone searching failed.
● **Setting way:** Menu> System Setting> Advanced Settings>Password(Default is empty)>Bluetooth

If you want to....	Then...
Bluetooth	You can Enable/Disable Bluetooth feature.
Current Bluetooth	You can saw the Bluetooth headset information with Name/MAC/State. Also you can disconnect the current Bluetooth headset and researching another equipment.
Bluetooth Searching	You can searching and connect the Bluetooth headset in the Bluetooth range. Please make sure your Bluetooth headset also in the searching mode. After connected, the interface will transfer to Current Bluetooth, you can saw the state and begin to used.

Main Features:
>Plug and play, easy to use
>Support wideband audio
>Operating distance: 10 meters, Optimum distance: 1~2 meters(3~6 feet)

>Answer incoming calls through Bluetooth headset

>Terminate calls through Bluetooth headset

>Adjusts the volume through Bluetooth headset

>Transmitted power: Class 2

>Bluetooth frequency range: 2.402GHz-2.480GHZ

>Support 3xx/4xx/620 series IP Phone

>Symbol rate: 3Mbit/sec

View status

If you want to see the phone status,Press **MENU** button > "view status" ,or press **OK** button > "view status", you can see the detail information of the phone.

If you want to	Then......
Network	You can see the network detail information of the phone
Lines	You can see the SIP account
software	It include phone Mode、software version、kernel version、Upgrade date、Running time
Expansion	Can check the expansion

Diagnose

If you want to check the phone hardware function,Press C button > "diagnose" you can check the phone item as below.

If you want to	Then ....
Keys	You can check the phone keys
LCD	Press'**OK**'to start,press'**C**'to exit
Lights	Press'**OK**'to start,press'**C**'to exit
Sound	Press'**OK**'to start

WIFI setting(only WS620 has this item)

Tips: The WIFI ip phone support 802.11b/g/n/ac.

If you want to…	This…

Set WIFI	--1)Choose "Menu">"System settings">"advanced settings">"advanced password (default is empty)>"Network""
	
	--2) Press navigation to choose WIFI settings;
	
	--3）Press "ok" button to change the it **Enable** or **Disable**
	
	   -Hot **list**: search site what you want to connect.
	
	--5）Press "Hot List >Manual", set WIFI which you choose
	
	 -Encryption: the encryption of the WIFI network
	
	 -Key type: the key type of the WIFI network
	
	  -Key: the password which you should set to allow yourself to enter the WIFI network

7. Web Settings

We can configure the IP Phone more handy through web setting. Press OK button on the keypad of the phone to enter the status page and find out the IP address of IP phone. Enter it (for example you can enter the default ip of the phone: http://192.168.0.200) into the address bar of web browser. The default login name and password are both "root".

Phone Status

You can see the currently status of the phone when use Phone Status option.

Phone Status	
System Run Time	4 Days 23 Hours 33 Minutes 20 Seconds
Register status ❔	
Account 1	5221 (Registered)
Account 2	None
Account 3	None
Account 4	None
Account 5	None
Account 6	None
Account 7	None
Account 8	None
EX Module 1	Offline
EX Module 2	Offline
Wi-Fi Status	
SSID	
State	
Signal:	100
Mode	
Band	5745
BSSID	
Encryption	
WLAN IP Address	
WIFI MAC	3c:33:00:60:30:d5
System Version	V0.6
Network Status ❔	
LAN Port type	DHCP
MAC	00:26:8b:05:3b:04
LAN	192.168.0.171
Subnet Mask	255.255.255.0
Gateway	192.168.0.1
Primary DNS	202.96.134.133
Secondary DNS	
VPN IP Address	
Router IP Address	
Router Subnet Mask	
Device type	As bridge
Router DHCP	off
System Info ❔	
Phone Model	WS620NV3
Software Version	V0.1.10.0908_Alpha(987)
Hardware version	V2.x.x
Hardware ID	0
Kernel Version	v1.0.0
Auto Provision Server URL	voip.autoprovision.com
TFTP Server IP	voip.autoprovision.com

Network

WIFI Setting(only WS620 has this item)

Open wireless function, scan hot spots, connect to hot spots, remove hot spots.

Connected with WIFI as following the picture . You can open it up and select the support encryption mode. Press "Scan" to refresh the SSID information.

Wi-Fi Setting

WiFi: ○ off ● on
Enter the SSID of the Wi-Fi AP(SSID).
Wireless Network Name(SSID): 3cecd199cd

SSID	BSSID	Band	Encryption	Signal	Select
Aeromat	e4:f4:c6:14:ea:44	2417	[WPA2-PSK-CCMP][WPS][ESS]	100%	○
Wirelelss_0364E0	d8:38:0d:03:64:e1	2462	[ESS]	100%	○
gzxx_hys	80:89:17:c0:d0:7c	2417	[WPA2-PSK-CCMP][ESS]	96%	○
Linksys5G	94:10:3e:04:84:7b	5745	[WPA-PSK-TKIP][WPA2-PSK-CCMP][ESS]	92%	○
Huawei-333	94:10:3e:04:84:7a	2437	[WPA-PSK-TKIP][WPA2-PSK-CCMP][ESS]	91%	○
Aeromat_5G	e4:f4:c6:14:ea:48	5745	[WPA2-PSK-CCMP][ESS]	88%	○
TPGuest_07C6	16:69:68:65:07:c6	2462	[ESS]	78%	○
ThomsonCCDE1F	00:24:17:1c:9e:4f	2462	[WPS][ESS]	77%	○
Wirelelss_0365E0	d8:38:0d:03:65:e1	2437	[ESS]	77%	○
Aeromat-T	ec:26:ca:b7:6d:28	2437	[WPA-PSK-TKIP+CCMP][WPA2-PSK-TKIP+CCMP][ESS]	74%	○
gzxx	ec:6c:9f:24:7d:50	2432	[WPA2-PSK-CCMP][ESS]	72%	○
TENDA	00:b0:0c:01:4a:31	2437	[ESS]	65%	○
gzxx_ywb	80:89:17:3f:4d:e8	2412	[WPA2-PSK-CCMP][ESS]	64%	○
ABCD	ac:a2:13:b5:e5:80	2437	[WPA-PSK-CCMP][WPA2-PSK-CCMP][WPS][ESS]	60%	○
Peng_ASUS	00:0c:43:e1:76:28	2447	[WPA2-PSK-CCMP][ESS]	58%	○
Aeromat-D	28:10:7b:4f:f5:d8	2452	[WPA-PSK-TKIP+CCMP][WPA2-PSK-TKIP+CCMP][WPS][ESS]	58%	○
cgb	00:0e:e8:d8:4e:31	2472	[WPA2-PSK-CCMP][ESS]	56%	○
winson-2	bc:46:99:b8:b3:68	2412	[WPA-PSK-CCMP][WPA2-PSK-CCMP][ESS]	48%	○
pmyy009	8c:21:0a:c4:cf:16	2437	[WPA-PSK-CCMP][WPA2-PSK-CCMP][WPS][ESS]	48%	○
Matthew Home	40:16:9f:7d:16:50	2412	[WPA-PSK-CCMP][WPA2-PSK-CCMP][WPS][ESS]	48%	○
FMCN	00:1d:45:ce:04:60	2442	[WEP][ESS]	48%	○
SS8304	20:dc:e6:bc:9b:7e	2412	[WPA-PSK-CCMP][WPA2-PSK-CCMP][WPS][ESS]	47%	○
29	b0:d5:9d:44:84:e7	2437	[WPA2-PSK-CCMP][ESS]	47%	○
MERCURY_65DA5E	a8:57:4e:65:da:5e	2462	[WPA-PSK-CCMP][WPA2-PSK-CCMP][WPS][ESS]	47%	○
TP-LINK_8D436A	cc:34:29:8d:43:6a	2412	[WPA-PSK-CCMP][WPA2-PSK-CCMP][WPS][ESS]	46%	○

Scan Cancel Saved Connect

When you choise an SSID above, press "Connect" you can connect to it.

IP Settings

You can config the network parameters for the phone on the web page.

Choose network,you will find the following parameters:

Field	Description
DHCP	Config the phone get ip info from DHCP server
IP Address	Config the ip manual for phone
Netmask	Config the netmask manual for phone
Gateway	Config the gateway manual for phone
Username (pppoe)	The pppoe username
Password (pppoe)	The pppoe password
MTU (pppoe)	The mtu for pppoe,default is 1500
Primary DNS	The primary DNS server
Secondary	The secondary DNS server
MAC Address	Display the MAC of the phone
HTTP Port	The default web port is 80,if you change it(for example change it to88), You must use 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 change it(for example change it to 2003),you must use IP and Telnet port to login the manage page (for example telnet 192.168.0.200:2003).It will take effect on next reboot.

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PC Port

Bridge mode and router mode can be configured as needed.

Bridge mode

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

Router mode

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.

Advanced

VPN Settings

VLAN Settings

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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

QoS

Network Packet Mirroring

LLDP

Paging settings

Paging Setting(NOTE: This feature priority is followed the serial number, In other words, "paging1" is the highest priority)

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Socket5 Proxy Server

Socket5 Proxy Server	
Socket5 Proxy Server	Enable/Disable Socket5 Proxy Server.
Server IP	Socket5 Proxy Server IP address.
Port	Socket5 Proxy Server port, default is 1080.
Anonymous Login	Enable/Disable Socket5 Proxy Server login userame.

SIP Account

The phone attempts to register to the SIP server using the account/registrar data provided by the automatic or manual initialization.

Basic

Choose one Account, you will find the following parameters:

ITEM	DECSRIPTIO
Enable	You can choose on/off to enable/disable the line.
Account Mode	You can choose VOIP/PSTN, but this model nonsupport PSTN, If you need, Pls contact us to buy another model that can supports PSTN.
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 Server	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

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STUN Server	Session traversal utilities for NAT.
Register Expire Time	IP phone automatically registered every time
SIP Transport	There are UDP/TCP/TLS three options
Ring Type	Select this account ringing type.

Advanced

ITEM	DECSRIPTION
Call	
Do Not Disturb	Enable/Disable Do Not Disturb
Anonymous Call	Enable/Disable anonymous call.
Anonymous Call Rejection	Enable/Disable anonymous call rejection.
Use Session Timer	Enable/Disable refresh session function. The device will send an Invite packet to refresh the session during a call if it enable.

Session Timer	The refresh session time interval.
Call Method	This method include SIP and TEL.
DNS-SRV	Enable/Disable DNS-SRV.
Allow-events	Enable/Disable Allow-events.
Registered NAT	Enable/Disable Registered to NAT
Keep-alive Type	Select keep alive type.
Keep-alive Interval	Default is 30 second.
BLA	Share with the line.
BLA Number	BLA Number
Subscribe Period	Subscribe expire time.

ITEM	DECSRIPTION
Security	
SIP Encryption	Enable/Disable SIP encryption.
Encryption Algorithm	The encryption algorithm at this time we only have RC4.
Encryption Key	The key with encryption.
Voice encryption (SRTP)	Enable/Disable voice encryption(SRTP).

Programmable Keys

Paperless Program Keys

Item	Description
Speed Dial	Use specific Key as Speed Dial key
Speed Dial Prefix	Use specific Key as Speed Dial Prefix key
DTMF	Use specific Key as DTMF key
BLF	Use specific Key as BLF key
Paging	Use specific Key as Paging key
Call Park	Use specific Key as call park key
Intercom	Use specific Key as intercom key
Pickup	Use specific Key as pickup key
Broadsoft BLF	Use specific Key as Broadsoft BLF key
BLA	Use specific Key as BLA key

Line keys

In the Programmable Keys option, you can use all the 8 line keys of ES620 as programmable keys.

Choose Programmable Keys,you will find the following parameters:

| Item	Description
Line	Use specific Key as Line key,default is Line key
Speed Dial	Use specific Key as Speed Dial key
Speed Dial Prefix	Use specific Key as Speed Dial Prefix key
DTMF	Use specific Key as DTMF key
BLF	Use specific Key as BLF key
Paging	Use specific Key as Paging key
Call Park	Use specific Key as call park key
Intercom	Use specific Key as intercom key
Pickup	Use specific Key as pickup key
Broadsoft BLF	Use specific Key as Broadsoft BLF key
BLA	Use specific Key as BLA key

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.

Softkey

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.
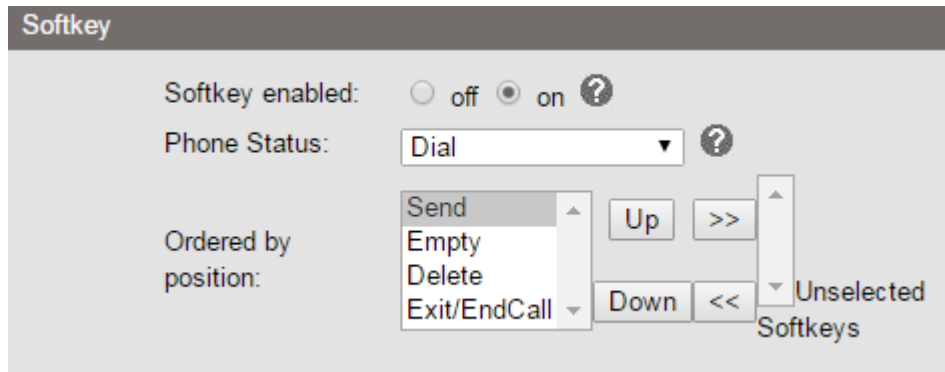
EX Module

Setting extend modules and its programmable keys in here.

Expansion module is extended Hotline function; you can believe it support more hotline by using Expansion module. You can refer to *2.Connecting Your Phone* about connecting of Expansion module.

After connecting Expansion module to a phone, you can install it as follow:

After installing, you can set parameters of each Extension as follow:

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Ex Module	
Key n	Each Expansion module supports ESM32 & ESM20-LCD .
Mode	Five modes: --Speed Dial: Enable speed dialing in this key; --Speed Dial Prefix --DTMF -- BLF: Enable BLF in this key; -- Paging -- Call Park -- Intercom -- Pickup -- Broadsoft BLF --BLA
Account	A SIP account relates to this key, another word, you will call this hotline by this SIP account.
Name	Description of this hotline.
Number	Number relates to this key.

*Regarding the settings of Expansion module, please confirm the model of your phone is GS/WS/ES620_E.

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Phone Setting

Basic

Time Settings

ITEM	DECSRIPTIO
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.

Backlight

Keyboard Lock

Ring

ITEM	DECSRIPTIO
Ring	
Ring Type	Select the ring type. Default is Ring 1.
Uploading Ring Tone	Please upload a ring tone with G711A audio coding, Maximum 10 rings and the total sizes must less than 150k.

Volume Settings

ITEM	DECSRIPTIO
Basic	
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

Wallpaper

Wallpaper >>

Please select picture type   Standby ▼

Please input picture file   选择文件 未选择任何文件
Upload

(It supports *.bmp/jpg/png, the size of picture must be smaller than 100KB; Screensavers picture resolution: 272*345 pixels; other picture resolutions: 272*480 pixels. PS: It only supports RGB image, suggest using Adobe Photoshop to transform it to RGB before uploading.)

Featuers

VoIP Call Forwarding

VoIP Call Forwarding >>

Always   ◉ off ○ To voicemail ○ To this number: ❓

If Busy   ◉ off ○ To voicemail ○ To this number: ❓

If No Answer   ◉ off ○ To voicemail ○ To this number: ❓

Ring Frequency   15   (Default: 15s, Max: 15s)

Auto Redial

Auto Redial >>

Auto Redial   ◉ off ○ on

Auto Redial Interval(1~300s)   10

Auto Redial Times(1-300)   10

Pickup function

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Hot Line Function

Auto Answer

Remote Control

Action URL

EP+

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EP+ >>

Configure Mode	◉ Automatic ○ Manual
EP+	○ off ◉ on
Password	6183
OutCode	
OutCode Length	0
Door bell Code	
Open Door Password	
Roaming Server Address	: 0

Other Features Settings

Other Features Settings >>

Call Waiting	○ off ◉ on
Call Waiting Tone	○ off ◉ Play on currently active device Frequency: 10 s (5-60)
Play Hold Tone	○ off ◉ Play on currently active device Frequency: 30 s (5-60)
DTMF	◉ RFC 2833 ○ Inband ○ SIP Info ○ Auto
Suppress DTMF Display	◉ off ○ on
100 Reliable retransmission	○ off ◉ on
Fuzzy search	○ off ◉ on
Phonebook search	○ Accurate search ◉ T9
Save Call List	○ off ◉ on
BLF transfer connected call	◉ off ○ on
BLF transfer mode	◉ Blind transfer ○ Attended transfer
Status light	Show altering calls and casing LED ▾
Booking voicemail	No ▾
Play voicemail tone	◉ off ○ on
Display missed calls	○ off ◉ on
DND Softkey	○ off ◉ on
Play Hangup Tone	○ off ◉ on
Transfer Code	◉ off ○ on Number:
Conference Code	◉ off ○ on Number:
Hold Code	◉ off ○ on Number:
Conference exit result	◉ Disconnect all ○ Others remain connected
Return code when refused	603(Decline) ▾
Return code when DnD	603(Decline) ▾
Hook	◉ off ○ SIP Info ○ Invite ○ RTP Event
Flash hook time (<800ms)	500
Called No Answer Time	☑ 70 s (Min:20, Max:1800)
Caller No AnswerTime:	☑ 180 s (Min: 20s, Max: 1800s)
Pound Send Method	◉ # ○ %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	○ off ◉ on
Headset Mode	◉ Normal ○ Seat Mode
Ring type in Seat Mode	◉ Headset ○ Speaker
BLF Light	Off ▾

Advanced

Audio

ITEM	DECSRIPTIO
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	
Type	The type of Jitter Buffer is Adaptive or Fixed, default is adaptive.
Min Delay	The min delay range setting , default is 60.
Max Delay	The max delay range setting , default is 150.
Normal Delay	The normal delay range setting , default is 120.
Other	
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.

Dial Plan

Phone Book

Group

You can add, edit and delete group in a phone book on web page of ES620.

1) Click "Phone Book" > "Group",

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'.

2) When you add a group or edit an existed group, you can set several parameters as follow:

Group	
ID	Serial number of a group
Description	Description of a group
Group Name	Name of a group

Contact

You can add, edit and delete contact in a phone book on web page of ES620.

The phonebook can storage 300 contact entry.

1) Click "Phone Book" > "Contact",

If you want to add a Group, 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'.

2) When you add a Contact or edit an existed Contact, you can set several parameters as follow:

Contact	
Serial Number	Serial number of a contact
First Name	The First Name of a contact
Last Name	The Last Name of a contact
Mobile Number	The Number1 phone number of a contact
Office Number	The Number2 phone number of a contact
OtherNumber	The Number3 phone number of a contact

Group	You can assign a contact to a specific group. If there isn't any group set on the phone, the group is None by default.
Account	Select a SIP account relating this contact, that is you can dial to the contact from this SIP account.

LDAP

1).Overview

LDAP stands for Lightweight Directory Access Protocol which is a client-server protocol for accessing a directory service. LDAP lets you locate organizations, individuals, and other resources such as files and devices in a network, whether on the Internet or on a corporate intranet, and whether or not you know the domain name, IP address, or geographic whereabouts.

An LDAP directory can be distributed among many servers on a network, then replicated and synchronized regularly.

2).Configuration

Please note that LDAP Phonebook support on ES620\ES410\ES330\ES320\ES310\ES210, the version must be V2.2.3.1-2210 and higher, then access to the web ''PhoneBook>LDAP page, you can find the configured option is like following picture. the detail configure in the appendix.

BanList

You can add, edit and delete banlist in a phone book on web page of ES620.

1)   Click "PhoneBook" > "BanList",

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

You can edit an existed BanList by click   .

You can delete an existed BanList by click 🗑 , if you want to delete all BanLists, you just ought to click 'Delete All BanList'.

2)   When you add a BanList or edit an existed BanList, you can set several parameters as follow:

BanList	
Serial Number	Serial number of a BanList
Description	Description of a BanList
First Name	The First Name of a ban contact
Last Name	The Last Name of a ban contact

Mobile Number	The number1 phone number of a ban contact
Home Number	The number2 phone number of a ban contact
Office Number	The number3 phone number of a ban contact
Account	Select a SIP account relating this ban contact, that is the ban contact can't dial to this SIP account.

Phone Call Info

Phone Maintenance

Basic

HTTP Upgrade

You can upgrade the software 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	Used for upgrading the software of the phone

Upgrade	
Configuration	You can used upload/download to upload/download the configure file of the phone
XML Personal Phonebook	Used for uploading/downloading the XML personal 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.

FTP Upgrade

You can upgrade the software and configuration etc. files by FTP.

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

FTP Upgrade	
Server IP	The IP address of the FTP server
File name	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.

TFTP Upgrade

You can upgrade the software and configuration etc. files by TFTP.

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.
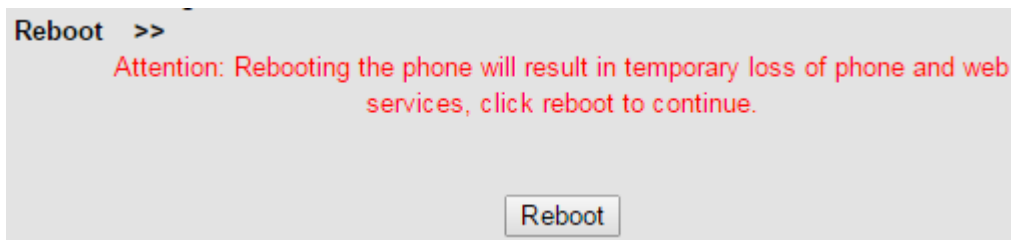
Default Settings

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

Escene Communication Co.,Ltd
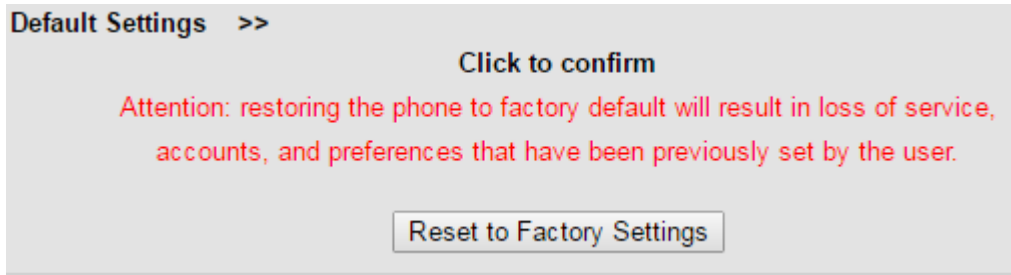
Press the 'Reset to Factory Setting' option, the phone will load to factory default setting on next reboot.
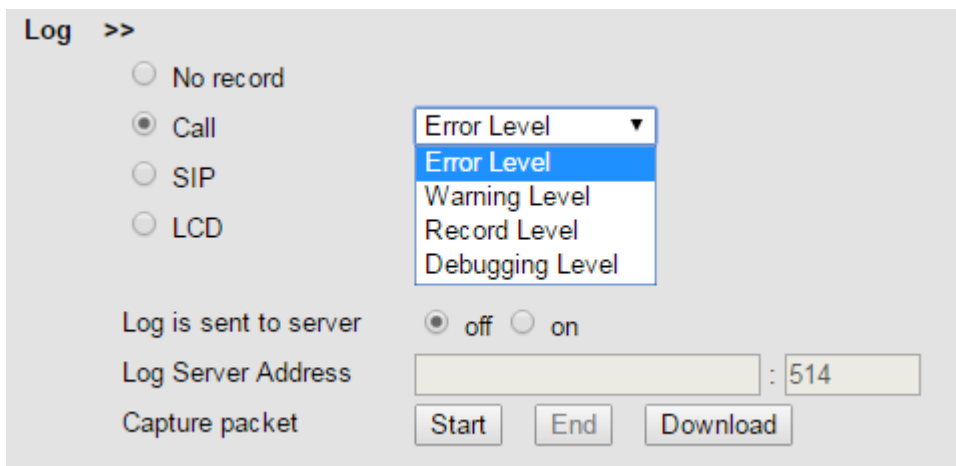
Reboot

You can use reboot option to reboot the phone.

Advanced

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.

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.escene.cn/en

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

Auto Provisioning	
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
Username	Providing by provision server
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
Booting Checked	Used for checking the auto provision when phone booting
Zero Active	
Wait Time	
Disable the phone while	Enable/Disable the booting checking feature.

booting checking	
Auto Provision Frequency	Used for setting the time interval for auto provision
Auto Provision Time	Used for the specific time for auto provision
Next Auto Provisioning	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
Auto Provision Now	Used for doing auto provision immediately

Security

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.

Trusted certificates

IP Strategy
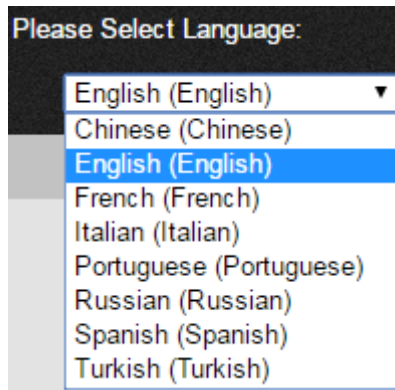
8. WEB Other Settings or Information

WEB User

In the upper right corner of the website page, you can switch user.
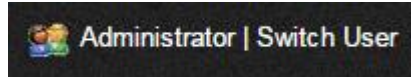
Multi-Language

In the upper right corner of the website page, you can select the language in the below list.

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.

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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