

# WEB IP PHONE

## User Manual



Copyright © All Rights Reserved, 2010  
M/C: TSIP-2092B-G-UM  
DC: 991202A-1

## **Environment**

The phone you have purchased must not be disposed of with household waste. You should return these to your distributor if they are to replace or dispose of them in an approved recycling centre.

## **FCC Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## **CE Declaration of Conformity**

This equipment complies with the requirements relating to electromagnetic compatibility, EN55022 class B for ITE and EN 50082-1. This meets the essential protection requirements of the European Council Directive 89/336/EEC on the approximation of the laws of the Member States relating to electromagnetic compatibility.

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## **Trademarks**

All trade names and trademarks are the properties of their respective companies.

**WARNING!** 

1. Read these installation instructions carefully before connecting the Web IP Phone to its power source.
2. To reduce the risk of electric shock, do not remove the cover from the Web IP Phone or attempt to dismantle it. Opening or removing covers may expose you to dangerous voltage levels. Equally, incorrect reassembly could cause electric shock on re-use of the appliance.
3. Do not expose the Web IP Phone to fire, direct sunlight or excessive heat.
4. Do not expose the Web IP Phone to rain or moisture and do not allow it to come into contact with water.
5. Do not install the Web IP Phone in an environment likely to present a THREAT OF IMPACT.
6. You may clean the Web IP Phone using a fine damp cloth. Never use solvents (such as trichloroethylene or acetone), which may damage the phone's plastic surface and LCD screen. Never spray the phone with any cleaning product whatsoever.
7. Take care not to scratch the LCD screen.
8. The Web IP Phone is designed to work in temperatures from 5°C to 45°C.
9. The Web IP Phone must be installed at least 1 meter from radio frequency equipment, such as TVs, radios, hi-fi or video equipment (which radiate electromagnetic fields).
10. Do not connect the LAN/PC port to any network other than an Ethernet network.
11. Do not attempt to upgrade your Web IP Phone in an unstable power environment. This could cause unexpected issues.
12. Do not work on the system or connect or disconnect cables during lightning storms.
13. Children don't recognize the risks of electrical appliances. Therefore use or keep the phone only under supervision of adults or out of the reach from children.
14. No repair can be performed by the end user, if you experience trouble with this equipment, for repair or warranty information, please contact your supplier.

**Electrical Powering:**

The Web IP Phone must be powered using a **correct power adaptor**. Any damage caused to the Web IP Phone as a result of using unsupported power adaptors will NOT be covered by the manufacturer's warranty.

**COMPANY** disclaims all responsibility in the event of use that does not comply with the present instructions.

**Product Disposal Warning:**

Ultimate disposal of this product, accessories and packing, should be handled carefully for recycle and nature protection in accordance with national laws and regulations.

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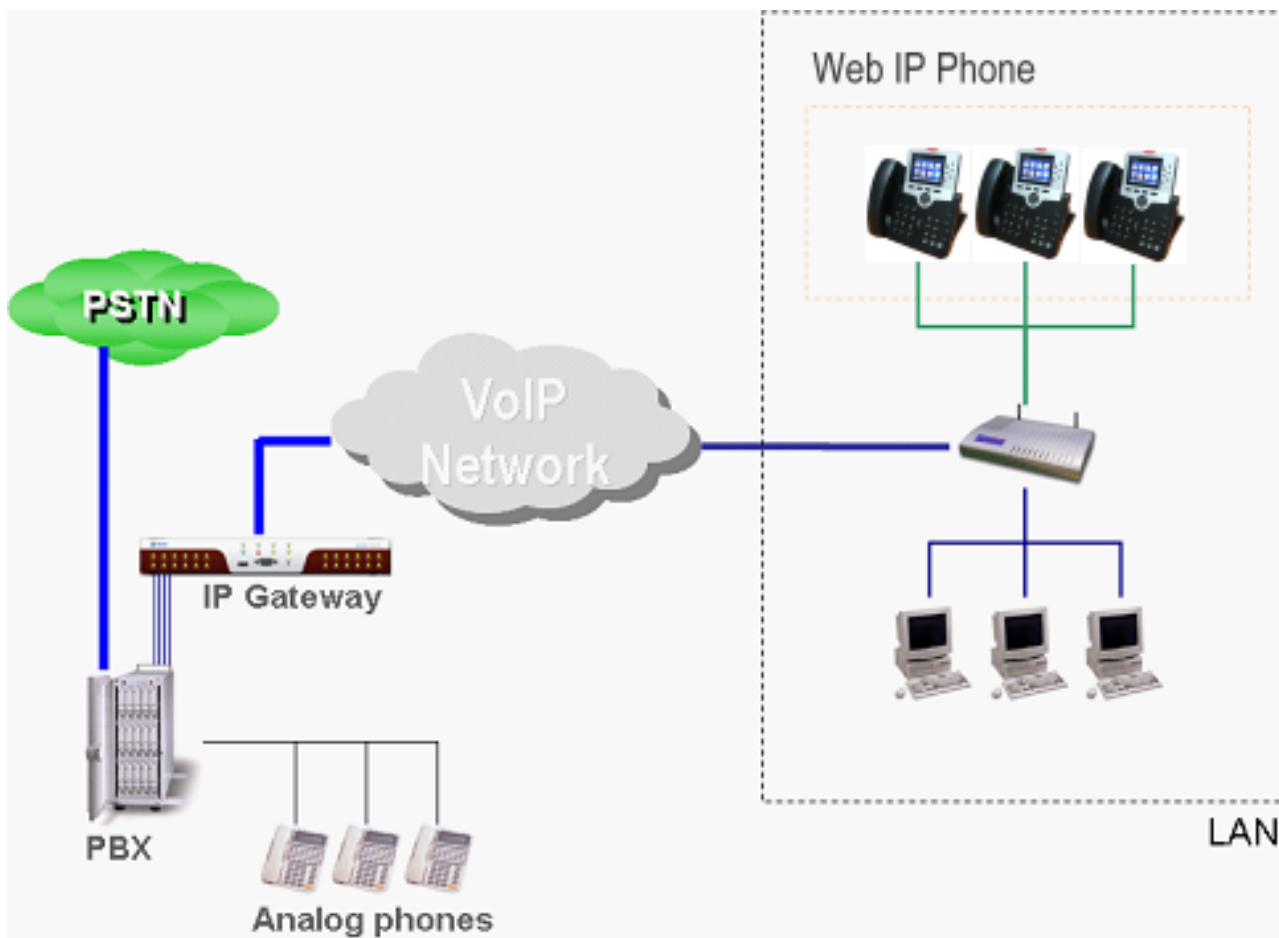
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## 2. Getting Started

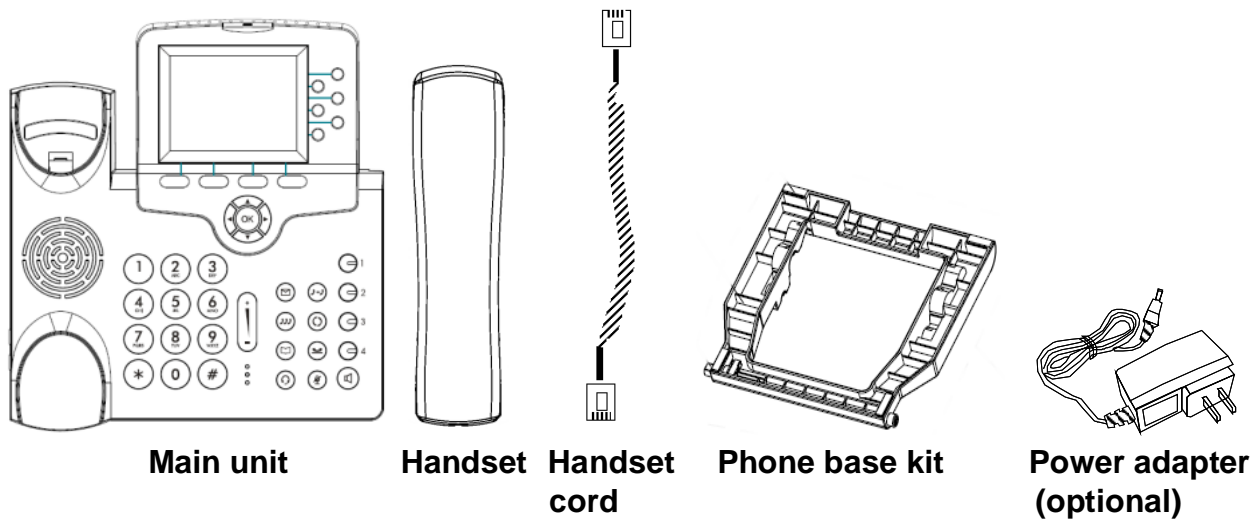
The Web IP Phone is an Internet Telephony desktop phone that connects to an Ethernet network rather than a traditional PSTN line. Basically, it can be used as an extension phone in an office or stand alone phone at home. In general, it shall be registered to an IP PBX, SIP Server or ISP/ITSP Soft Switch and can deliver good voice quality and perform a great number of multimedia versatile function and PBX-equivalent call features.

After it is deployed and connected among headquarter and remote branch offices all over the world, it can make, receive and transfer voice over the free IP network. All of them are stand-alone and “always-on” terminals so that there is no need to have any active PC to let it work. With optional capability, this phone can perform instant message, e-mail, multi-media function, video streaming surveillance, basic information web browsing, and XML server application. It will improve the productivity of your work and let you enjoy the new technology with phones.



## Package Contents

Prior to install the IP Phone, please check the package contents, and make sure that you have the following items. Be sure that no damage is found on these items, the power adaptor (optional) and plug type meets the standard of your country and the accessories are supplied together. If you found any problem with them, please contact the reseller or supplier for assistance.





The package should include the following items:

1. One main unit of Web IP Phone
2. One handset
3. One handset cord
4. One phone base kit
5. One power adapter (5V/2A, optional)
6. One quick user guide with a warranty card

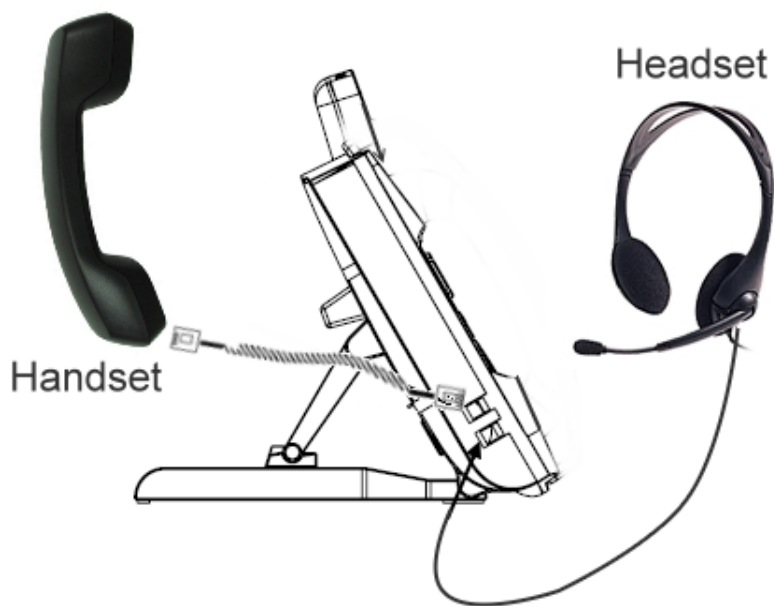
## Installing the Foot Stand Kit

<i>Operation</i>	<i>Description</i>	
<b>Installing the phone base kit</b>		<ol style="list-style-type: none"> <li>1. Turn the main unit to rear side. Note that there are two holes to insert the protrusions of the phone base.</li> </ol>

	<p>2. Insert the right protrusion of the phone base into the right hole of the main unit.</p>
	<p>3. Align the left side of the phone base with the left hole of the main unit. And then push the left protrusion of the phone base into the hole of the main unit. Finally, press the left protrusion down to lock the phone base to the phone.</p>

## Connecting the handset and optional headset

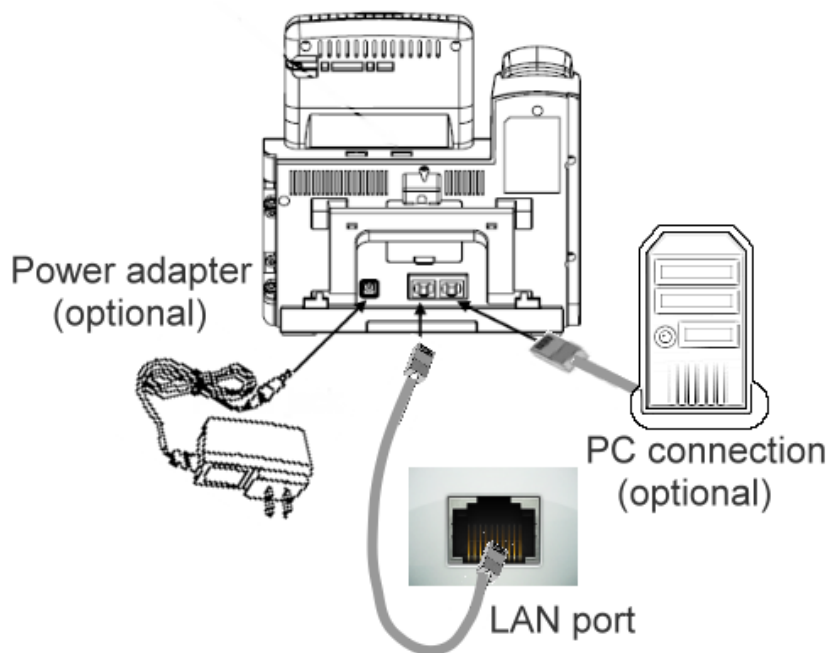
- (1) Connect the handset cord between the handset and the handset jack on the phone.
- (2) Connect the headset (optional) on the headset jack of the phone.



## Connecting network and power source

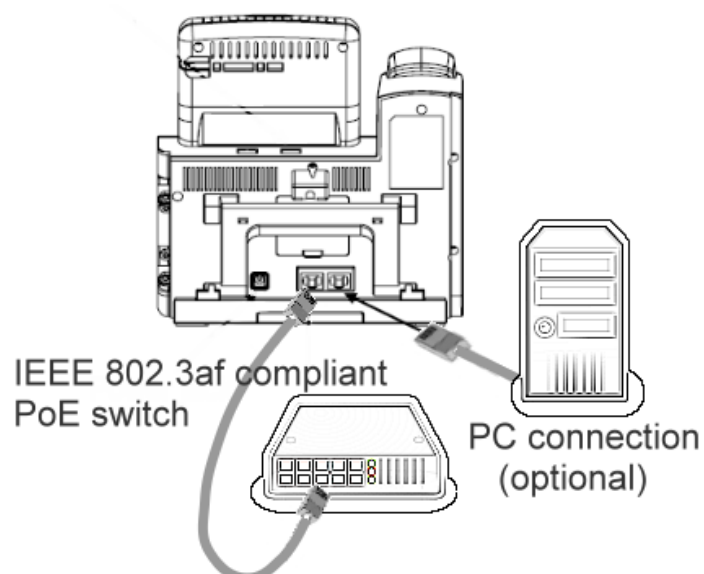
### To connect the AC power:

- (1) Connect a network cable between the LAN jack on the phone and the LAN port on the wall or hub/switch device port.
- (2) Connect the DC plug on the power adapter to the DC 5V/2A jack marked on the phone.



### To connect the PoE:

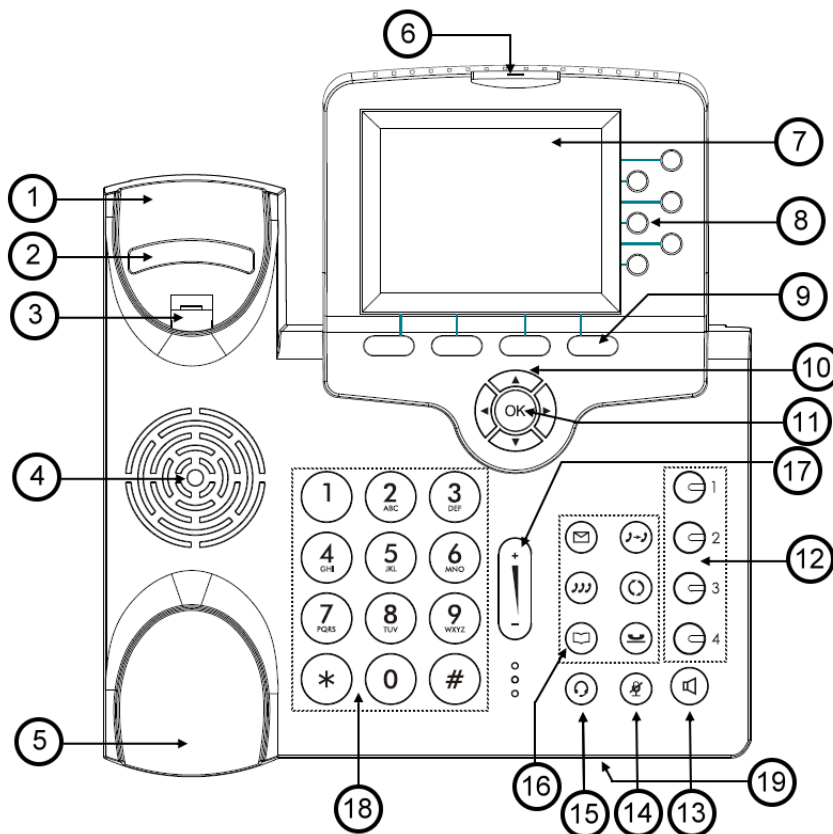
Connect a network cable (regular CAT5 cable) between the LAN jack on the phone and an available power and data port on a PoE (IEEE 802.3af) compliant switch.





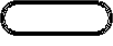










### 3. Overview of the Web IP Phone





#### The Front View of the Web IP Phone

The figure below illustrates the front view of the Web IP Phone. With the point numbers, you can find its name and a simple description of the part in the following table.















No	Part Name	Description of function
0	<b>Main unit</b>	The Web IP Phone main unit.
1	<b>Handset top cradle</b>	For the placement of handset (Receiver end).
2	<b>Hook switch</b>	For hang-up and hang-off of handset.
3	<b>Cradle latch</b>	To latch the handset from drop when it stands at 60° degree or is wall-mounted.
4	<b>Speaker</b>	For ring and hands free talking.
5	<b>Handset bottom cradle</b>	For the placement of handset (Transmitter end).
6	 <b>Message LED</b>	This red LED to indicate status of message waiting and link status.

7	<b>Color LCD with touch panel</b>	The 3.5" color LCD with touch panel is for displaying phone settings, multimedia, XML information and so forth. It supports 320 x 240 pixels.
8	 <b>6 line keys</b>	These keys are mainly used for line selection. A green LED is associated with each key to indicate its line/call status. Besides, these keys are also used for programming as different hot keys by setting on menu.
9	 <b>Soft keys</b>	The keys are used for item selection or control on the LCD screen. Each key function depends on its corresponding content displayed on the LCD at that time.
10	 <b>Navigation keys</b>	The keys including four arrows are used for surfing the items on the LCD screen.
11	 <b>OK key</b>	It is normally used to confirm the setting or phone number dial.
12	 <b>1,2,3,4 Programmable keys</b>	These keys are used for programming as different hot keys by setting on menu. A green LED is associated with each key to indicate its status.
13	 <b>SPKR key</b>	This SPKR key is used to activate/de-activate the Hands free dial or talk. A blue LED is associated to indicate its status.
14	 <b>Mute key</b>	This MUTE key is used to activate/de-activate the voice transmits from this Web IP Phone. A red LED is associated to indicate its status.
15	 <b>Headset key</b>	This Headset key is used to activate/de-activate the Headset. A green LED is associated to indicate its status.
16	 <b>XFR key</b>	To transfer a call to another IP phone.
	 <b>Redial key</b>	To redial the last dialed number automatically.
	 <b>Hold key</b>	To hold on the current call and get another new to call. Once again, it will release the HOLD function.
	 <b>MSG key</b>	To get access to Voice Mail System for message retrieval.

	 <b>CONF key</b>	To drop the current multiple connected phones into a conference. It is a phone-bridged function.
	 <b>Contacts key</b>	To enter into the Contacts for call or edit. The LCD screen will prompt the Contacts once it is pressed.
17	 <b>Volume control key</b>	It is used for volume control: When the phone is idle, the ring is adjusted. When talking, the Handset/Speaker/Headset output volume is adjusted.
18		[1], [2]...[9], [*], [0], [#]: The numeric keypad for dialing numbers.
19	<b>Microphone Hole</b>	A small hole for Hands-free Microphone input.

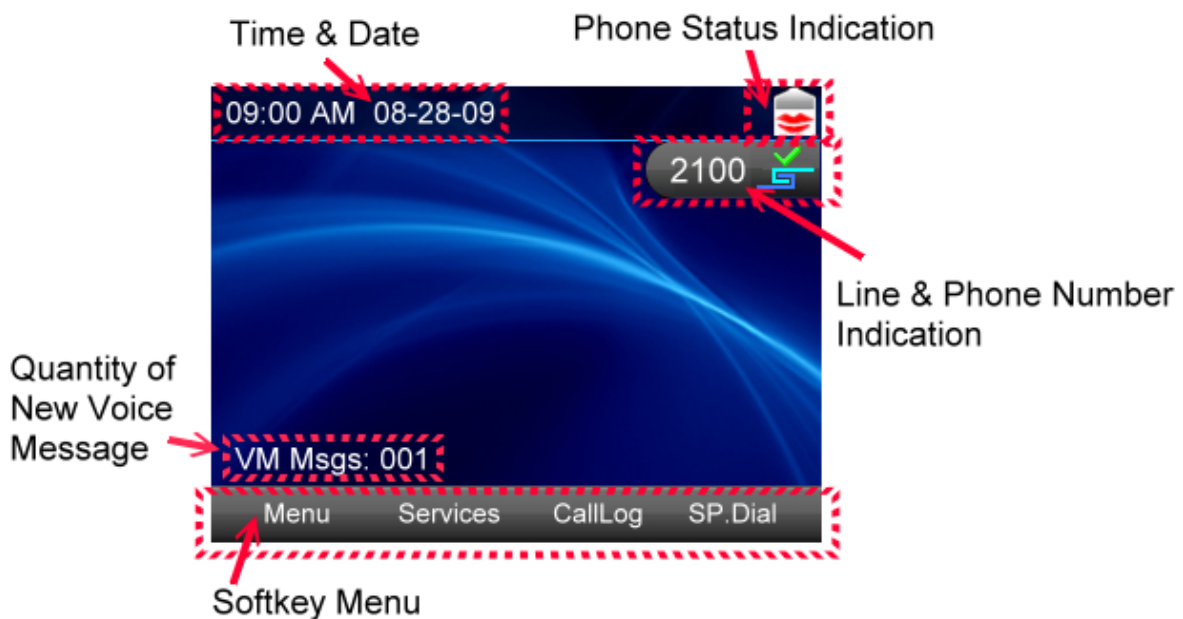
## Understanding the Front Panel Indicators












<b>LED</b>	<b>Color</b>	<b>Status</b>	<b>Description</b>
 <b>MSG</b>	 <b>Red</b>	Off	No new message.
		Steady	Possible meaning: - Phone is booting. - Firmware is upgrading.
		Blinking slow	New message indication; includes voice mail, instant message and e-mail. Their respective icons are also displayed.
		Blinking fast	Possible meaning: - Link disconnected. - Registration failed. - System fault and phone service is down.
 <b>6 VoIP lines keys</b>	 <b>Green</b>	Off	As a line key, it means the line is inactive. The phone is on-hook. As a programmable key, it means the function is inactive.
		Steady	As a line key, it means the line is active (dialing, or during a call). As a programmable key, it means the function is enabled.

		Blinking	As a line key, it means the line has an incoming call or a call on hold. As a programmable key, it means the function is engaged.
 <b>1, 2, 3, 4 Programmable keys</b>	 <b>Green</b>	Off	No active function.
		Steady	Function is enabled.
		Blinking	Function is engaged.
 <b>SPKR key</b>	 <b>Blue</b>	Off	The speaker is not in use.
		Steady	The phone is in hand-free mode.
 <b>MUTE key</b>	 <b>Red</b>	Off	The microphone is active.
		Steady	The microphone is inactive.
 <b>Headset key</b>	 <b>Green</b>	Off	The headset is not in use.
		Steady	The phone is in headset mode.

## LCD Screen Indicators

The following figure shows a standard format of LCD screen. There are 4 soft keys associated with the operation of LCD display. For different menu or status, the display format will be changed accordingly.



<i>Icon Name</i>	<i>Description</i>
 <b>Register successful</b>	This icon indicates this line is registered successfully.
 <b>Register failed</b>	This icon indicates this line is registered failed.
 <b>Network cable disconnected</b>	This icon indicates the network cable is disconnected. Please check if the network cable is connected to the Web IP Phone and IP network properly.
 <b>Missed call</b>	This icon indicates you have a new missed call. Please enter <b>CallLog</b> to see the new missed call.
 <b>Call forward</b>	When the Web IP Phone is enabled “Call Forwarding”, the icon will be displayed. Call forwarding setting includes 3 options: unconditional forwarding, no answer forwarding and busy forwarding.
 <b>Auto answer</b>	When the Web IP Phone is enabled “Auto Answer”, the icon will be displayed. Any incoming call will be answered automatically.
 <b>Don't disturb</b>	When the Web IP Phone is enabled “Don't Disturb”, the icon will be displayed. You will not hear or see any incoming call.
 <b>Voice mail</b>	When the icon is displayed on the screen of Web IP Phone, it means you have a new voice mail. Also, you can see the Q'ty of new voice mail message that is showed as “VM Msgs: XXX”. Please press  to access your voice mail for message retrieval.
 <b>Instant message</b>	When the icon is displayed on the screen of Web IP Phone, it means you have a new instant message.
 <b>E-mail</b>	When the icon is displayed on the screen of Web IP Phone, it means you have a new e-mail.



Wireless Signal Strength

When the icon is displayed on the screen of Web IP Phone, it means your Web IP Phone is connected with Wi-Fi Ethernet bridge\*, and its signal strength is good.  
 Note: For the Wi-Fi Ethernet bridge, please contact with your distributor for purchasing.



Wireless signal is medium.



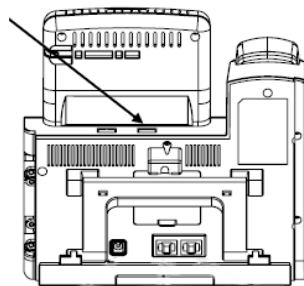
Wireless signal is poor.



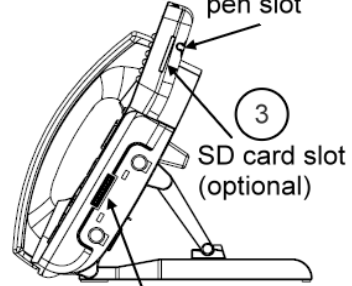
Wireless signal is disconnected.

## The Side and the Rear View of the Web IP Phone

① USB connector (reserved)



② Touch panel pen slot



③ SD card slot (optional)

④ EDM slot (optional)

No	Part Name	Description of function
1	<b>USB connector (Optional)</b>	This USB connector is used for connecting with a Mini Keyboard which is for entering characters by typing keys of it. For the Mini Keyboard, please contact with your distributor for purchasing.
2	<b>Touch panel pen slot</b>	The Web IP Phone shipped with a touch panel pen is put in this slot.
3	<b>SD card slot (Optional)</b>	This SD card slot is used for inserting a SD card which is for saving preferable multimedia* in the SD card, and play them on Web IP Phone. * For formats supported, please contact with your distributor for details.
4	<b>EDM slot (Optional)</b>	This EDM slot is used for connecting with a specific extended dial module which is for programmable features. For the extended dial module (EDM), please contact with your distributor for purchasing.

## 4. Customizing the Web IP Phone

You have to configure the phone well before operation. In general case, the configuration job is usually done by office administrator, system supplier (such like a system integrator), or the service provider (such like an ITSP carrier). If you are a general user, please consult them for support. For advanced/experienced user, you may refer to the Administration Guide for full information on how to configure all the settings of the Web IP Phone.








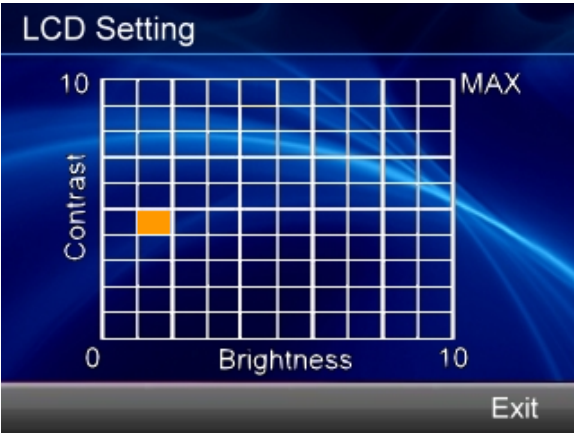
Now, if the Web IP Phone is already connected to the network and the VoIP service is activated, please follow the following chapters for guideline of using the Web IP Phone.

The menu to configure your Web IP Phone is as follows:







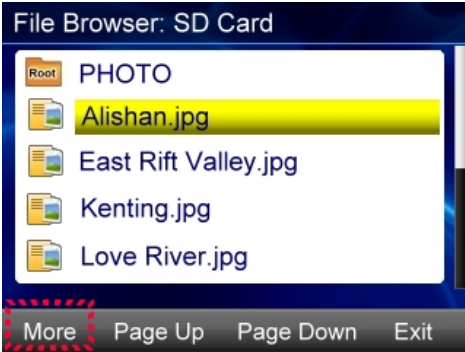
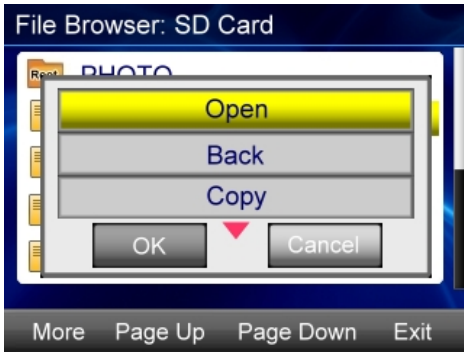

You may navigate through the menu with the navigation keys. The following sections will describe how you can customize your Web IP Phone through this menu.



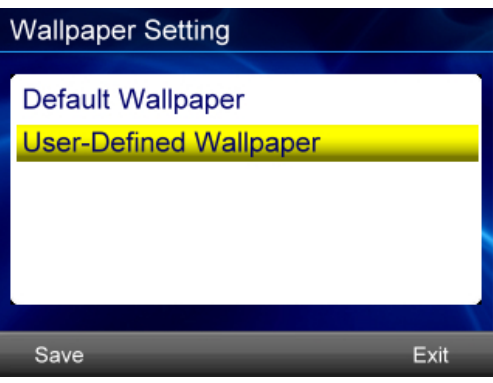
## Changing the Display Contrast and Brightness

Operation	Description
<p><b>Adjusting the contrast and brightness on the display</b></p>	<p style="text-align: center;">            → <b>Phone Settings</b>            → <b>Display Settings</b>            → <b>LCD Setting</b> </p>
	<p>To adjust your phone display to a comfortable contrast and brightness level you prefer, please use navigation keys  and  to adjust <b>Contrast</b>, use navigation keys  and  to adjust <b>Brightness</b>. Besides, you can also touch a square of the panel to change contrast and brightness concurrently.</p>
	<p>When you feel the display is at a comfortable level, please press the <b>Exit</b> soft key to confirm your setting and exit the LCD setting screen.</p>
<div style="text-align: center;">  </div> <div style="border: 1px solid black; padding: 10px; margin-top: 10px;"> <p>Note: If you do not press any keys on the phone after 5 minutes of the backlight turning on, the screen saving mode will be enabled. If you do not press any keys on the phone after 30 minutes of the screen saving mode enabling, the backlight will be turned off.</p> </div>	

## Changing the Display Wallpaper




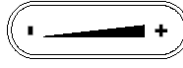
You can change the wallpaper that appears on the standby screen.

Operation	Description
<p><b>Changing the display wallpaper</b></p>	<p style="text-align: center;">   </p> <p><b>Menu → File Browser → SD Memory Card</b></p> <hr/> <p>To change the default wallpaper to others:</p> <ol style="list-style-type: none"> <li>1. Save JPG format photos in one SD memory card.</li> <li>2. Insert the SD card to the SD card slot of the Web IP Phone.</li> <li>3. Follow the steps above, and you will see all files in the SD card.</li> <li>4. Use the navigation keys  and  to move the cursor bar to select one photo that you would like to be the wallpaper.</li> <li>5. Press the <b>More</b> soft key to pop up more options.</li> </ol> <div style="display: flex; justify-content: space-around;">   </div> <ol style="list-style-type: none"> <li>6. Use the navigation key  to move the cursor bar to <b>Save as wallpaper</b> option.</li> <li>7. Press the <b>OK</b> key to confirm the selection.</li> <li>8. When returning to the standby screen, you will see the selected photo displayed as the wallpaper.</li> </ol>
	<p>Note: You also can select the photos in the <b>Embedded Memory</b> to be the wallpaper.</p>

<p><b>Changing back to the default wallpaper</b></p>	<p>Menu → Phone Settings  → Display Settings  → Wallpaper Setting</p>
	<p>You can change the wallpaper back to the default wallpaper by selecting <b>Default Wallpaper</b> option.</p> 




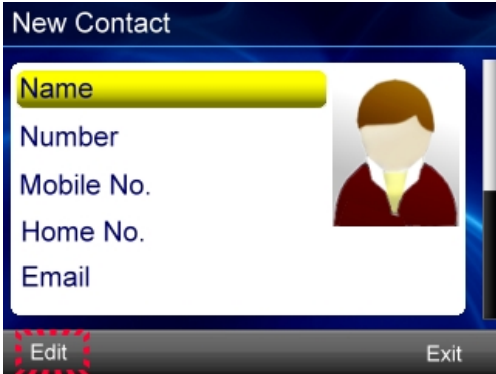
## Adjusting the Web IP Phone Volume

You can adjust speaker volume, handset volume, headset volume, speaker MIC volume, handset MIC volume and headset MIC volume through the following procedures.

Operation	Description
<p><b>Adjusting the volume</b></p>	<p>Menu → Phone Settings  → Volume Settings </p>
	<p>After adjusting the volume, press the <b>Save</b> soft key to save the setting.</p> 
	<p>For ring volume adjustment, you can press the  key to make change only when the phone is not in the Device Volume setting menu.</p>

## Managing Contacts

You can store a large number of contacts in the Web IP Phone's local contact directory. In the local contact directory, there are two directories, private and public. You can dial or search for a contact in both directories, but you only can add, edit, delete and send contacts in the private contact directory. In addition, you can either add contacts manually or from a call list to the private contact directory.



Operation	Description
<p><b>Adding contacts manually</b></p>	<p><b>Menu → Contacts</b>  or press the  hot key directly.</p> <p>1. Press the <b>Add</b> soft key to add a contact.</p>  <p>2. Press the <b>Edit</b> soft key or touch the <b>Name</b> field to enter edit page.</p> 

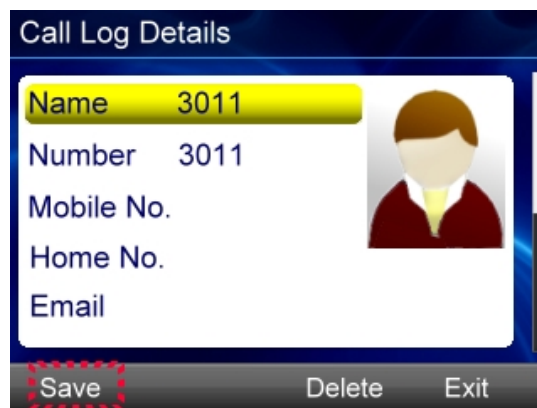
3. Press the **ABC** soft key to select between numeric and upper/lower case alphanumeric mode.





4. After entering data, press the **Save** or **Exit** soft key to save or cancel changes.




**Adding contacts from CallLog**

1. Press the **CallLog** soft key, and then select **All, Incoming, Dialed** and **Missed** as desired.
2. Use the navigation key  and  to move the selected bar, and then press the **OK** key or the **Details** soft key to view the details. Besides, you can touch the field to enter details page directly.
3. Press the **Save** soft key to add the contact in the private contact directory.





**Editing contacts**

**Menu** →  **Contacts** or press the  hot key directly.

1. Press the navigation key  to pop up the selected bar. Use  and  to move the selected bar, and then press the **OK** key or the **Details** soft key to view the details. Besides, you can touch the field to enter details page directly.

2. Press the **Edit** soft key to enter editing contact page.

3. Use  and  to move the selected bar, and then press the **OK** key or the **Edit** soft key to enter editing field page. Besides, you can touch the field to enter editing field page directly.



4. After editing, press the **Save** or **Exit** soft key to accept or cancel the changes.

**Menu → Contacts**



or press the



hot key directly.

1. Press the navigation key  to pop up the selected bar. Use the navigation key  and  to move the selected bar, and then press the **OK** key or the **Details** soft key to view the details.

**Deleting contacts**



2. Press the **Delete** soft key to delete the contact.

**Searching for contacts**

**Menu → Contacts**




or press the




hot key directly.


Press any key of the numeric keypad after entering the **Contacts** menu. The display will show the searching result according to the numeric key you pressed. For example, when in upper case alphanumeric mode you

press the  key one time, the display will show the searching result as below.



When in upper case alphanumeric mode you press the  key twice, the display will show the searching result as below.








When in numeric mode you press the  key one time, the display will show the searching result as below.

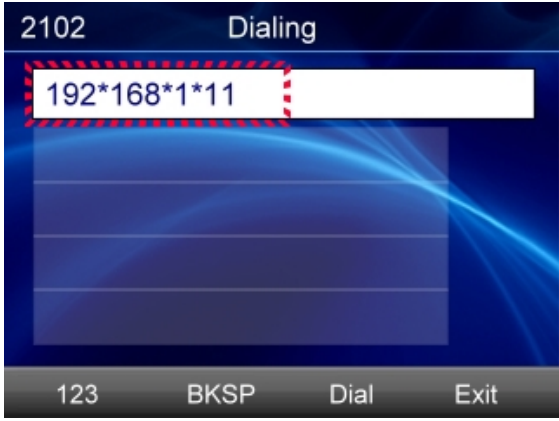











# 5. Using the Basic Features of the Web IP Phone

This chapter provides operating instructions for basic features of the Web IP Phone.




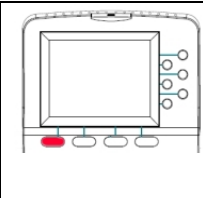



## Basic Call Operations



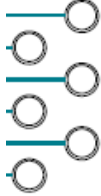








Operation	Description	
Making calls		1. Lift the handset. → You will hear a dial tone.
		2. Use the keypad to enter the phone number. → The LCD window displays the digits that you entered and the matching numbers in Contacts.  <div style="border: 1px solid black; padding: 5px; width: fit-content;">                         Note: You may use the <b>BKSP</b> soft key to delete the last digit.                     </div>
		3. Press <b>OK</b> key to dial out.
		4. On-hook the handset when your conversation is over.
Making calls (direct IP address calling)		1. Lift the handset. → You will hear a dial tone.

		<p>2. Use the keypad to enter the IP address of the target phone. Use the * key for entering a dot “.”. e.g.: If you want to dial to 192.168.1.11, please enter the following: 192*168*1*11.</p> <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>Note: You may use the <b>BKSP</b> soft key to delete the last digit</p> </div>
		<p>3. Press <b>OK</b> key to dial out.</p>
<p><b>Answering calls</b></p>		<p>1. Pick-up the handset upon hearing the phone ringing.</p>
		<p>5. On-hook the handset when your conversation is over.</p>
<p><b>Redialing numbers</b></p>		<p>1. Pick-up the handset.</p>
		<p>2. Press the <b>REDIAL</b> key. The last phone number you dialed from the phone will be automatically redialed.</p>
<p><b>Muting the microphone</b></p>		<p>1. While being engaged in a conversation, you may mute the microphone by pressing the <b>MUTE</b> key.</p>
		<p>2. The LED of the button will become red. At this moment, the user may speak freely; the other party will not hear anything.</p>

Adjusting the voice volume during a conversation		1. During a conversation, if the voice volume is too low or too high, you may adjust it.
		2. Press the volume control key to adjust the volume.

## Advanced Call Operations


Operation	Description	
Placing calls on hold	 	During a conversation, press the <b>Hold</b> key to hold the call.
	 	To resume a held call, simply press the <b>Resume</b> soft key.
Transferring calls (Blind transfer)	 	1. During a 2-way call, press the <b>Transfer</b> key to pop up “Dialing” screen, and then enter the phone number of the 3 <sup>rd</sup> party.
		2. Press the <b>OK</b> key to dial out. The call will be transferred automatically to the other party.

<b>Transferring calls (Attended transfer)</b>	 	<p>1. During a 2-way call, press the <b>Hold</b> key to hold the call.</p>
		<p>2. Press <b>other inactive line key</b> to pop up “Dialing” screen, and then enter the phone number of the 3<sup>rd</sup> party.</p>
		<p>3. Press the <b>OK</b> key to dial out.</p>
		<p>4. The 3<sup>rd</sup> party answers the call. You may talk with the 3<sup>rd</sup> party prior to transfer the call. When you are ready to transfer the call, press the <b>Transfer</b> key to transfer the held call to the 3<sup>rd</sup> party.</p>
<b>Making 3-way conference calls</b>	 	<p>1. During 2 way call, press the <b>HOLD</b> key to hold the call.</p>
		<p>2. Press <b>other inactive line key</b> to pop up “Dialing” screen, and then enter the phone number of the 3<sup>rd</sup> party.</p>
		<p>3. Press the <b>OK</b> key to dial out.</p>
		<p>4. The 3<sup>rd</sup> party answers the call. Press the <b>CONFERENCE</b> key to build a 3-way conference call.</p>
		

## Access Voice Mail



Voice mail is an option feature configured on the call server and may not be supported on your particular system. For more information, contact your system administrator.




You can access voice mail messages from your phone if your system supports voice mail function.

Operation	Description
<p><b>Listening to voice messages</b></p>	<p>1. Press the  hot key.</p> <p>2. Follow voice prompts to retrieve your messages.</p>

## Speed-Dial Function






The Speed Dial function let you store a list of 12 phone numbers that you can access easily using a Speed Dial number from 0 to 9, \* and #.

Operation	Description
<p><b>Assigning speed dial key</b></p>	<p>1. Press the <b>Speed Dial</b> soft key.</p> <p>2. Use the navigation key  and  to move the selected bar, and then press the <b>OK</b> key or the <b>Edit</b> soft key to assign a phone number to the speed dial index.</p> <div data-bbox="635 1400 1193 1818" data-label="Image"> </div> <p>3. You can either enter a phone number manually or insert a phone number from the <b>Contacts</b>. Press the <b>Save</b> or <b>Exit</b> soft key to accept or cancel changes.</p>













<p><b>Dialing a speed dial index</b></p>		<p>1. Lift the handset.   You will hear a dial tone.</p>
		<p>2. Use the keypad to press one of the numeric keys for 3 seconds. The Web IP Phone will show and dial out the respective phone number automatically.</p>









## Call-Block Function

The Web IP Phone provides the possibility to block calls with a specific Caller ID. You can input a list of 30 Caller IDs.




<i>Operation</i>	<i>Description</i>
<p><b>Assigning call blocking numbers</b></p>	<p style="text-align: center;">   </p> <p><b>Menu → Phone Settings → Call Blocking</b></p>
	<p>Use the navigation key  and  to move the selected bar, and then press the <b>OK</b> key or the <b>Edit</b> soft key to assign a phone number to the call blocking index.</p> 

## Basic Call Features

<i>Operation</i>	<i>Description</i>
<p><b>Don't disturb</b></p>	<p>If you do not want any incoming call to disturb you, please enable this function. The caller will hear busy tone when they make calls to you.</p> <hr/> <p style="text-align: center;">   </p> <p><b>Menu → Phone Settings → Call Settings → Don't Disturb</b></p> <hr/> <p>Use the navigation key  and  to move the selected bar, and then press the <b>OK</b> key or the <b>Select</b> soft key to enter Disable/Enable page. Finally, press the <b>Save</b> soft key to confirm the change.</p>
<p><b>Auto answer</b></p>	<p>You can use this function to auto answer all incoming calls when you are busy on something and hope the call can be received automatically.</p> <hr/> <p style="text-align: center;">   </p> <p><b>Menu → Phone Settings → Call Settings → Auto Answer</b></p> <hr/> <p>Use the navigation key  and  to move the selected bar, and then press the <b>OK</b> key or the <b>Select</b> soft key to enter Disable/Enable page. Finally, press the <b>Save</b> soft key to confirm the change.</p>
<p><b>Call waiting</b></p>	<p>You can use this function to hear an alarm tone when you are in a call and there is a new call coming.</p> <hr/> <p style="text-align: center;">   </p> <p><b>Menu → Phone Settings → Call Settings → Call Waiting</b></p> <hr/> <p>Use the navigation key  and  to move the selected bar, and then press the <b>OK</b> key or the <b>Select</b> soft key to enter Disable/Enable menu. Finally, press the <b>Save</b> soft key to confirm the change.</p>




Call completion	<p>You can use this function to let your phone redial the number automatically when the called party becomes available again.</p>
	<p>Menu → Phone Settings  → Call Settings  → Call Completion</p>
Call forwarding	<p>Use the navigation key  and  to move the selected bar, and then press the <b>OK</b> key or the <b>Select</b> soft key to enter Disable/Enable menu. Finally, press the <b>Save</b> soft key to confirm the change.</p>
	<p>If you are not available to answer calls, and want all incoming calls to be forwarded to voice mail or other phone number, please enable this function. And there are three options you can select according to your conditions. They are <b>Unconditional</b>, <b>No Answer</b> and <b>Busy</b>.</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p>Note: If you choose the <b>No Answer</b> option, you will be prompted to enter the timeout value (in seconds) which is for the time between a call coming and redirecting.</p> </div> <p>Menu → Phone Settings  → Call Settings  → Call Forwarding</p> <p>Use the navigation key  and  to move the selected bar, and then press the <b>OK</b> key or the <b>Select</b> soft key to enter sub-menu. Finally, press the <b>Save</b> soft key to confirm the change.</p>

## Phone Lock

<i>Operation</i>	<i>Description</i>
<b>Locking phone</b>	<p>This feature let you lock the Web IP Phone. While the phone is locked, no one may use it to make calls.</p> <div style="text-align: center;">   </div> <p><b>Menu → Phone Settings → Locking Phone → Phone Lock Settings</b></p>
	<div style="display: flex; align-items: center;">  <div style="border: 1px solid black; padding: 5px; margin-left: 20px;"> <p>Note: When you select <b>Locking Phone</b>, the phone will be locked. The default password to unlock the Web IP Phone is <b>1234</b>.</p> </div> </div>

## Information about the Web IP Phone



You may view all related information about the Web IP Phone through the LCD menu. This may give you, for example, the current network settings of the Web IP Phone, and the registration status to your ITSP (Internet Telephony Service Provider).

<i>Operation</i>	<i>Description</i>
<b>View information about the Web IP Phone</b>	<div style="text-align: center;">  </div> <p><b>Menu → Information</b></p> <p>Use the   navigation keys to <b>Page Up</b> and <b>Page Down</b> the information pages you would like to view.</p>

The following information can be viewed from the LCD screen of your Web IP Phone.

<b>Network Information</b>	IP Address
	Network Type
	Subnet Mask
	IPv6 Address
	Gateway
	Primary DNS
	Second DNS
<b>Product Information</b>	Product Name
	F/W Version
	MAC Address
<b>Line 1~6 Registration Information</b>	Reg. Number
	Reg. Status
	Reg. Server





## On-phone Help for Basic Phone Operations



<i>Operation</i>	<i>Description</i>
<b>Look up help page about basic phone operation</b>	<p>Menu → Information  → Help </p> <p>In Help page, you can find basic phone operation guide. It includes,</p> <ul style="list-style-type: none"> <li>● Display Icons</li> <li>● Access Phone Book</li> <li>● Access Voice Mail</li> <li>● Making Calls</li> <li>● Answering Calls</li> <li>● Placing Calls on Hold</li> <li>● Transferring Calls</li> <li>● Making 3 Way Conference Calls</li> <li>● Redialing Numbers</li> </ul>

# 6. Using the Advanced Features of the Web IP Phone




This chapter provides operating instructions for the advanced features of the Web IP Phone.







## Messaging Functions

Operation	Description
<p><b>Using instant messaging</b></p>	<p>Menu → <b>Messaging</b>  → <b>Instant Messaging</b> </p> <p>You can use <b>Instant Messaging</b> to send and receive text messages between Web IP Phones.</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Note: To use instant message, your call server must support this feature.</p> </div>
<p><b>Using e-mail</b></p>	<p>Menu → <b>Messaging</b>  → <b>E-mail</b> </p> <p>You can use <b>E-mail</b> to send and receive emails between any devices that have email account.</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Note: To use E-mail, the Web IP Phone must register to a mail server. Please enter all required mail registration information provided by your service provider. After entering all required registration information, and then press <b>Test</b> to verify the account is workable or not.</p> </div>

<b>Using answering machine</b>	 
	<p><b>Menu → Messaging → Answering Machine</b></p> <p>The answering machine is just like your local voice mail. You can record a greeting on your phone in addition to retrieving voice messages stored on your phone.</p> <div style="border: 1px solid black; padding: 5px;"> <p>Note: To use answering machine function, you must set call forwarding to your local voice mail.</p> </div>




## Multimedia Functions

<i>Operation</i>	<i>Description</i>
<b>Viewing video</b>	 
	<p><b>Menu → Multimedia → Video Viewer</b></p> <ol style="list-style-type: none"> <li>Choose video source from either <b><i>Embedded Memory</i></b> or <b><i>SD Memory Card</i></b>.</li> <li>Press the <b><i>Play</i></b>, <b><i>Pause</i></b>, <b><i>Forward</i></b> and <b><i>Backward</i></b> soft keys to take action.</li> <li>You can adjust volume by pressing the  hot key.</li> </ol> <div style="border: 1px solid black; padding: 5px;"> <p>Note:</p> <p>(1) To play video, your Web IP Phone must have MP4 decoder. Please contact with your service provider for more information.</p> <p>(2) Please note that the supported maximum size of video is 352 x 288 pixels.</p> </div>











<p><b>Playing music</b></p>	<p style="text-align: center;">   </p> <p><b>Menu → Multimedia → Music Player</b></p>
	<ol style="list-style-type: none"> <li>1. Choose audio source from either <b>Embedded Memory</b> or <b>SD Memory Card</b>.</li> <li>2. Press the <b>Play, Stop</b> and <b>Pause</b> soft keys to take action. Besides, you can select to play a song once, or repeat a song, or repeat all songs by switching playing mode: <b>Once, Repeat</b> and <b>Repeat All</b>.</li> <li>3. You can adjust volume by pressing the  hot key.</li> </ol> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Note:</p> <p>(1) Basic supported audio format is MIDI.</p> <p>(2) To play MP3 format, your Web IP Phone must have MP3 decoder. Please contact with your service provider for more information.</p> </div>
<p><b>Viewing photo</b></p>	<p style="text-align: center;">   </p> <p><b>Menu → Multimedia → Photo Viewer</b></p>
	<ol style="list-style-type: none"> <li>1. Choose photo source from either <b>Embedded Memory</b> or <b>SD Memory Card</b>.</li> <li>2. Press the <b>Open, Zoom in, Zoom out</b> and <b>Play</b> soft keys to take action.</li> <li>3. When pressing the <b>Play</b> soft key, the photos will be played with music if there is music either in <b>Embedded Memory</b> or <b>SD Memory Card</b>.</li> <li>4. You can adjust volume by pressing the  hot key.</li> </ol> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Note:</p> <p>(1) Basic supported photo format is JPEG baseline.</p> <p>(2) Please put all photos which are going to be viewed in a file named as <b>PHOTO</b>.</p> </div>





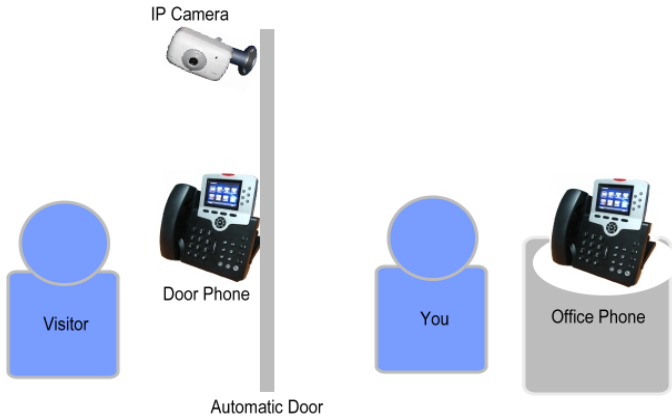
Recording audio	<div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p><b>Menu → Multimedia → Voice Recorder</b></p>
	<p>You can use <b>Voice Recorder</b> to record local voice.</p> <p>To record audio, press  to start recording, press  to stop recording or press  to pause.</p> <p>To play record files, press the <b>Files</b> soft key to see record files, and then select a file to play. Besides, you can press the <b>More</b> soft key to select <b>Copy</b> the file to SD memory card or <b>Send*</b> the file to other Web IP Phone.</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Note: To use <b>File Sending</b> function, your service provider must provide a file sending server for your Web IP Phone.</p> </div>





## File Browser

Operation	Description
Managing files	<div style="display: flex; justify-content: space-around; align-items: center;">    </div> <p><b>Menu → File Browser</b> → or</p>
	<ol style="list-style-type: none"> <li>You can use <b>File Browser</b> to manage files in <b>Embedded Memory</b> and <b>SD Memory Card</b>.</li> <li>Press the <b>Open, Copy, Delete, Format, Send File</b> and <b>Save as Wallpaper (only available for photos)</b> soft keys to take action.</li> </ol> <p><b>Copy:</b> It is for you to copy a file from <b>Embedded Memory</b> to <b>SD Memory Card</b>, and from <b>SD Memory Card</b> to <b>Embedded Memory</b>.</p> <p><b>Delete:</b> It is for you to delete a file.</p> <p><b>Format:</b> It is for you to format <b>Embedded Memory</b> or <b>SD Memory Card</b>.</p> <p><b>Send File*:</b> It is for you to send a file which its file size is under 2MB between Web IP Phones. To use this function, your service provider must provide a file sending server for your Web IP Phone.</p> <p><b>Save as Wallpaper:</b> It is for you to customize the wallpaper of your Web IP Phone. You can save one photo you like to be the wallpaper.</p>

## Applications

Operation	Description
<b>Using alarm clock</b>	<div style="text-align: center;">   </div> <p><b>Menu → Applications → Alarm Clock</b></p> <p>You can set 5 sets of alarms for reminding function. Besides, you can set each of alarm for alarm one time or everyday.</p>
<b>Using calendar</b>	<div style="text-align: center;">   </div> <p><b>Menu → Applications → Calendar</b></p> <p>In <b>Calendar</b>, you can add/delete a note or browse date.</p>
<b>Using notes</b>	<div style="text-align: center;">   </div> <p><b>Menu → Applications → Notes</b></p> <p>In <b>Notes</b>, you can add/delete a note.</p>
<b>Using world clock</b>	<div style="text-align: center;">   </div> <p><b>Menu → Applications → World Clock</b></p> <p>In <b>World Clock</b>, you can browse the local time of main cities in the world.</p>
<b>Using painting board</b>	<div style="text-align: center;">   </div> <p><b>Menu → Applications → Painting Board</b></p> <p>In <b>Painting Board</b>, you can make a drawing or input text to share with other users who use Web IP Phone by sending* out the file to them. To use file sending function, your service provider must provide a file sending server for your Web IP Phone.</p>

<p><b>Viewing video streaming from IP Camera</b></p>	<div style="text-align: center;">   </div> <p><b>Menu → Applications → Surveillance</b></p> <p>In <b>Surveillance</b>, you can view and capture video streaming sent from the specific IP camera.</p> <p>To use <b>Surveillance</b> application, please contact with your service provider to obtain IP Camera information.</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Note: The Web IP Phone only works with the specific IP Camera.</p> </div>
<p><b>Enabling door phone function</b></p>	<div style="text-align: center;">   </div> <p><b>Menu → Applications → Door Phone</b></p> <p><b>How this function works:</b></p> <p>When a visitor makes a call from the door phone to the office phone, the office phone will display video streaming from the IP camera as soon as it receives an incoming call from the door phone. You can decide to pick up the call or reject the call after you see who is calling.</p> <div style="text-align: center; margin: 10px 0;">  </div> <p>To use this function, please make all required configuration ready, and enable door phone function.</p> <p>All required configuration includes:</p> <ul style="list-style-type: none"> <li><b>Phone Number:</b> Enter the phone number of the door phone.</li> <li><b>Cam IP Address:</b> Enter the IP address of the IP camera.</li> <li><b>Cam Web Port:</b> Enter the web port of the IP camera.</li> <li><b>Login Name:</b> Enter the login name of the IP camera.</li> <li><b>Login Password:</b> Enter the password of the IP camera.</li> </ul>

<p><b>Enabling video phone function</b></p>	<p style="text-align: center;"> → <b>Menu</b> → <b>Applications</b>      → <b>Video Phone</b>      </p>
	<p><b>How this function works:</b></p> <p>You make a call to your colleague. Your Web IP Phone will display the video streaming from the IP camera aside your colleague's Web IP Phone as soon as your colleague picks up your call. In the meanwhile, your colleague's Web IP Phone will display the video streaming from the IP camera aside your Web IP Phone.</p> <div style="display: flex; justify-content: space-around; align-items: center;"><div data-bbox="501 748 869 1093"><p style="text-align: center;">Colleague</p></div><div data-bbox="959 748 1327 1093"><p style="text-align: center;">You</p></div></div> <p>To use this function, please make all required configuration ready on both your phone and your colleague's phone, and enable video phone function on both phones.</p> <p><b>All required configuration on <u>your phone</u> includes:</b></p> <ul style="list-style-type: none"><li><b>Phone Number:</b> Enter your colleague's phone number.</li><li><b>Cam IP Address:</b> Enter the IP address of the IP camera aside your colleague.</li><li><b>Cam Web Port:</b> Enter the web port of the IP camera aside your colleague.</li><li><b>Login Name:</b> Enter the login name of the IP camera aside your colleague.</li><li><b>Login Password:</b> Enter the password of the IP camera aside your colleague.</li></ul> <p><b>All required configuration on <u>your colleague's phone</u> includes:</b></p> <ul style="list-style-type: none"><li><b>Phone Number:</b> Enter your phone number.</li><li><b>Cam IP Address:</b> Enter the IP address of the IP camera aside you.</li><li><b>Cam Web Port:</b> Enter the web port of the IP camera aside you.</li><li><b>Login Name:</b> Enter the login name of the IP camera aside you.</li><li><b>Login Password:</b> Enter the password of the IP camera aside you.</li></ul>

## On-Condition Function

Menu → Phone Settings → On-Condition Settings





### Using on-condition function

On-condition function is for advanced call features. You can make different settings for different call conditions. For example, when you do not want to be disturbed by someone, you can make a setting as below.

1. Select ***Do not disturb*** in the ***Create Conditions from Templates***.
2. Select ***Condition List***, you will see ***Do not disturb***.
3. Press the ***Edit*** soft key to make further settings for ***Do not disturb***.
4. Press the ***Select*** soft key, and then press the ***Next*** soft key.
5. The **Trigger List screen** shows up.
6. Select ***When a call incoming***.
7. The **Condition List screen** shows up.
8. Select ***Condition1***.
9. The **Parameter Selection screen** shows up.
10. Press the ***Select*** soft key.
11. The **Value Input screen** shows up.
12. Enter the phone number of someone you do not want to be disturbed, and then press the ***Select*** soft key to confirm.
13. Press the ***Next*** soft key.
14. The **Action List screen** shows up.
15. You can select ***Reject a call***.
16. The **Parameter for Action screen** shows up.
17. For ***Reject a call*** option, you do not need to input any parameter, so just press the ***Exit*** soft key to return to the **On-condition Setting screen**.

## Programmable Keys

<p><b>Using programmable keys</b></p>																				
	<p>Menu → Phone Settings</p>	<p>→ EDM Settings</p>																		
<p>The Web IP Phone has 4 programmable keys. For each programmable key, there are 22 options below to select. You can program each key through this menu.</p>																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">No.</th> <th style="text-align: center;">Function</th> <th style="text-align: center;">Description</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>None</td> <td>Set the function key as <b>None</b>. When pressing the function key, it will have no any action.</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Line</td> <td>Set the function key as <b>Line</b>. When pressing the function key, it will pop up Dialing screen using the line as your setting.</td> </tr> <tr> <td style="text-align: center;">3</td> <td>Key Event</td> <td>Set the function key as <b>Key Event</b>. When pressing the function key, it will perform the function as your setting. You can set one of the following key events in the "Key" field of Button Settings page.                      F_HOLD                      F_CONFERENCE                      F_TRANSFER                      F_REDIAL                      F_HANDSFREE                      F_MUTE                      F_CONTACTS                      F_MESSAGE                      F_HEADSET</td> </tr> <tr> <td style="text-align: center;">4</td> <td>Speed Dial</td> <td>Set the function key as <b>Speed Dial</b>. When pressing the function key, it will dial out the phone number as your setting.</td> </tr> <tr> <td style="text-align: center;">5</td> <td>Feature Key</td> <td>Set the function key to <b>Feature Key</b>. When pressing the function key, it will dial out the number as your setting.</td> </tr> </tbody> </table>			No.	Function	Description	1	None	Set the function key as <b>None</b> . When pressing the function key, it will have no any action.	2	Line	Set the function key as <b>Line</b> . When pressing the function key, it will pop up Dialing screen using the line as your setting.	3	Key Event	Set the function key as <b>Key Event</b> . When pressing the function key, it will perform the function as your setting. You can set one of the following key events in the "Key" field of Button Settings page. F_HOLD F_CONFERENCE F_TRANSFER F_REDIAL F_HANDSFREE F_MUTE F_CONTACTS F_MESSAGE F_HEADSET	4	Speed Dial	Set the function key as <b>Speed Dial</b> . When pressing the function key, it will dial out the phone number as your setting.	5	Feature Key	Set the function key to <b>Feature Key</b> . When pressing the function key, it will dial out the number as your setting.
No.	Function	Description																		
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5	Feature Key	Set the function key to <b>Feature Key</b> . When pressing the function key, it will dial out the number as your setting.																		

6	Call Blocking	Set the function key to <b>Call Blocking</b> . When pressing the function key, the call blocking setting is enabled, and the LED of the function key becomes green. When the blocking number calls you, your Web IP Phone will reject the call automatically, and show a missed call icon on the standby screen.
7	Auto Answer	Set the function key to <b>Auto Answer</b> . When pressing the function key, the <b>Auto Answer</b> setting is enabled and the LED of the function key becomes green as well as the Auto Answer icon displays on the top line bar. No matter any number calls you, your Web IP Phone will pick up calls automatically.
8	DND	Set the function key to <b>DND (Don't Disturb)</b> . When pressing the function key, the <b>DND</b> setting is enabled and the LED of the function key becomes green as well as the DND icon displays on the top line bar. No matter any number calls you, your Web IP Phone will not have any incoming call displayed, and only show a missed call icon on the standby screen.
9	Anonymous Call Blocking	Set the function key to <b>Anonymous Call Blocking</b> . When pressing the function key, the <b>Anonymous Call Blocking</b> setting is enabled and the LED of the function key becomes green. When any anonymous call calls you, your Web IP Phone will reject the call automatically, and show a missed call icon on the standby screen.
10	Phone Lock	Set the function key to <b>Phone Lock</b> . When pressing the function key, the <b>Phone Lock</b> setting is enabled and the LED of the function key becomes green. You will need to enter a password to unlock your Web IP Phone. The default password to unlock phone is 1234.

11	Transfer	Set the function key as <b>Transfer</b> . When you have an incoming call, if you press the function key, the incoming call will be transferred to the phone number as your setting.
12	Call Forward Always	Set the function key to <b>Call Forward Always</b> . When pressing the function key, the <b>Call Forward Always</b> setting is enabled, and the LED of the function key becomes green. Your Web IP Phone will forward any incoming calls to the number as your setting.
13	Call Forward Busy	Set the function key to <b>Call Forward Busy</b> . When pressing the function key, the <b>Call Forward Busy</b> setting is enabled, and the LED of the function key becomes green. Your Web IP Phone will forward any incoming calls to the number as your setting when your Web IP Phone is off hook or during a call.
14	Call Forward No-Answer	Set the function key to <b>Call Forward No-Answer</b> . When pressing the function key, the <b>Call Forward No-Answer</b> setting is enabled, and the LED of the function key becomes green. Your Web IP Phone will forward any incoming calls to the number as your setting when the call does not be picked up in time.
15	Voice Record	<p>Set the function key to <b>Voice Record</b>. When the "Record" key is pressed once during a call, the phone sends a SIP INFO message with * Record: on. Another key press stops the recording, makes the phone send a SIP INFO message with * Record: off.</p> <p>Please be aware that the phone is only triggering the start and end of the recording on a remote location which has to perform the recording itself. The phone does not record the voice streams at all.</p>

16	Busy Line Field	Set the function key to <b>Busy Line Field</b> . When the set number is busy, the LED of the function key is on. If the LED of the function key is off, you can press the function key to dial out the set number directly. When the set number is ringing, the LED of the function key is blinking, and if you press this key, you can pick up the ringing call. (for Asterisk PBX only)
17	Orbit	Set the function key as <b>Orbit</b> . When pressing the function key during a call, it will park the call in the parking lot as your setting. This feature is useful for call center environments and all places where there is a great inflow of calls and some kind of queuing is required to manage them.
18	Pick Up	It's used for SLA/BLA mode, using this feature can pick up a ringing call on other phone. Note the SIP server should support SLA. This function has been tested with FreeSwitch.
19	Call Pick Up	Set the function key as <b>Pick Up</b> . When pressing the function key, it will pick up the call in the parking lot as your setting. Note: To use this function, your server, such as Asterisk, must support this function.
20	Call Park	<b>Call Park</b> is similar to Orbit, using this feature will transfer a call to a park queue on server, a park queue number should be configured. Note: To use this function, your server must support this function.
21	DTMF	Set the function key to <b>DTMF</b> . When pressing the function key during a call, the digits set in <b>DTMF</b> setting will be sent out. To use this function, please set DTMF type as RFC2833. It's configurable only in Administration mode.

<b>22</b>	Intercom	Set the function key as <b>Intercom</b> . When pressing the function key, it will dial out the phone number directly as your setting. This feature is useful in an office environment as a quick access key to connect to the operator or the secretary.
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For example, you want the Programmable Key 1 to be a Speed Dial key (dial to 2100) of Line 1, you can make a setting as below.

1. Move the selected bar on **FUNC1**, and then press the **Edit** soft key.
2. The **Button Settings screen** shows up.
3. Move the selected bar on **Function**, and then press the **Select** soft key.
4. Move the selected bar on **4. Speed Dial**, and then press the **Select** soft key.
5. The screen returns to the **Button Settings screen**.
6. Move the selected bar on **Line**, and then press the **Select** soft key.
7. The **Line Selection screen** will show up.
8. Move the selected bar on **2. Line 1**, and then press the **Select** soft key.
9. The screen returns to the **Button Settings screen**.
10. Move the selected bar on **Key**, and then press the **Select** soft key.
11. Enter "2100", and then press the **Save** soft key to save the change.
12. The screen returns to the **Button Settings screen**.
13. Press the **Exit** soft key to return to the **EDM Settings screen**.



Note: To expand programmable keys, you may purchase an expanded dial module from your service provider.

## XML Web Services

### Using XML web services

Press the **Services** soft key on the standby screen directly.



The **XML Web Services** will be offered thru the XML Server that may support different applications for users. For example, you can view on-line directory, weather, news, currency and stocks information in **XML Web Services**. Moreover, you can order meal and control remote devices in this menu. However, all contents in the **XML Web Services** depend on the offerings of your company XML Web server or your service provider that they can support. For **XML Web Services** application requirements, please contact with your Administrator or Service provider for details.

## 7. Web Configuration

### Login page

When DHCP server is unavailable as well as no user assigned network parameters, the Web IP Phone will use the factory default value listed below:

**IP: 192.168.1.10**

**Subnet mask: 255.255.255.0**

**Gateway: 192.168.1.1**

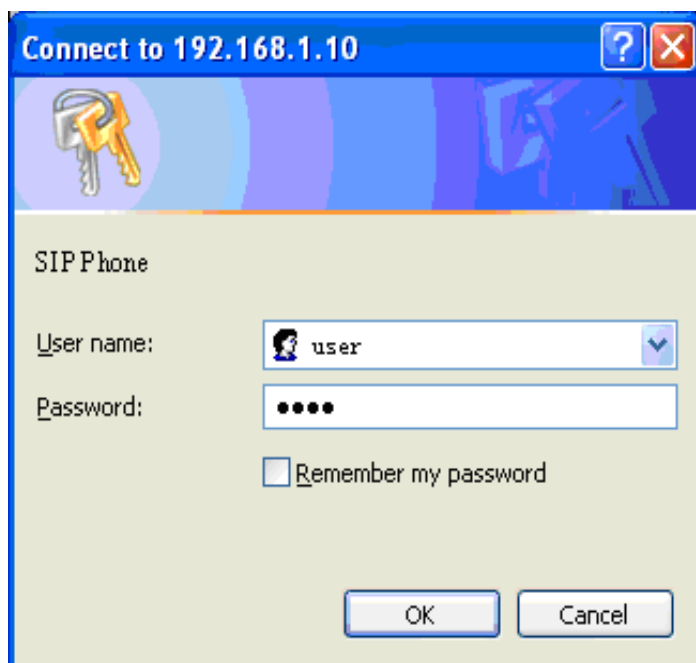
**DNS: 168.95.1.1**

**Default user name of Web configuration page: user**

**Default user password of Web configuration page: 1111**

Accessing the phone through web browser, just simply enter the “**http://192.168.1.10**” in the location field of the browser. (If you are not sure about the IP address, you can examine the current IP address through phone menu. Standby screen → Menu → Information)

The following dialog box will pop up and prompt you to provide the user name and password in order to prevent unauthorized user access the phone. Please enter the user name and user password.



## Information

The following is the default page you will see when you login the phone's web page.

Information	Phone	System	Contacts
<b>Information</b>			
<b>Network Information</b>			
Network Type:	DHCP	IP Address:	172.18.149.66
Subnet Mask:	255.255.252.0	Default Gateway:	172.18.151.1
Primary DNS:	172.18.151.5	Secondary DNS:	172.18.151.6
<b>Product Information</b>			
Product Name:	Web IP Phone	FW Version:	V1.0.28
Mac Address:	00-19-15-6C-02-34		
<b>Line 1 Information</b>			
Phone Number:	1001	Line Enabled:	Enable
Registration Server:	192.168.1.100	Registration Status:	Fail
<b>Line 2 Information</b>			
Phone Number:	1002	Line Enabled:	Enable
Registration Server:	192.168.1.100	Registration Status:	Fail
<b>Line 3 Information</b>			
Phone Number:	1003	Line Enabled:	Enable
Registration Server:	192.168.1.100	Registration Status:	Fail
<b>Line 4 Information</b>			
Phone Number:	1004	Line Enabled:	Enable
Registration Server:	192.168.1.100	Registration Status:	Fail
<b>Reboot</b>	Reboot system.		
<b>Logout</b>	Logout and close the browser window.		

## Phone - Basic Functions

Information	Phone	System	Contacts
<b>Basic Functions</b>			
Basic Functions		Advanced Functions	On Conditions
<b>Volume Settings</b>			
Handset Volume:	5	Speaker Volume:	6
Headset Volume:	5	Handset Mic Volume:	5
Headset Mic Volume:	5	Speaker Mic Volume:	6
		Ring:	6
<b>Call Forwarding Settings</b>			
Call Forward Busy:	<input type="text"/>		
Call Forward Unconditional:	<input type="text"/>		
Call Forward No Answer:	voicemail		
No Answer Timeout(s):	20		
Call forward (All) to phone answering machine:	<input type="checkbox"/>		
Call forward (No answer) to phone answering machine:	<input type="checkbox"/>		

<b>Field Name</b>	<b>Function</b>
<b>Handset Mic Volume</b>	Set the handset microphone level. Range is 1~10.
<b>Handset Volume</b>	Set the handset speaker level. Range is 1~10.
<b>Speaker Mic Volume</b>	Set the hand-free microphone level. Range is 1~10.
<b>Speaker Volume</b>	Set the hand-free speaker level. Range is 1~10.
<b>Headset Mic Volume</b>	Set the headset microphone level. Range is 1~10.
<b>Headset Volume</b>	Set the headset speaker level. Range is 1~10.
<b>Ring</b>	Set the ring level. Range is 1~10.
<b>Call Forward Busy</b>	Set a forward number for phone is in busy status.
<b>Call Forward Unconditional</b>	Set a forward number for phone is in any status.
<b>Call Forward No Answer</b>	Set a forward number for phone is in no answer status.
<b>No Answer Timeout(s)</b>	Set a timeout duration for phone is in no answer status.
<b>Call forward (All) to phone answering machine</b>	Enable call forward to phone answering machine when there are any incoming calls.
<b>Call forward (No answer) to phone answering machine</b>	Enable call forward to phone answering machine when phone is in no answer status.

Phone Parameters			
Enable DND:	<input type="checkbox"/>	Enable Auto Answer:	<input type="checkbox"/>
Enable Ecan:	<input checked="" type="checkbox"/>	Call Completion:	<input type="checkbox"/>
Silence Suppression(VAD):	None ▾	Phone Lock:	<input type="checkbox"/>
Enable Transfer Onhook:	<input type="checkbox"/>	Reject Anonymous Call:	<input type="checkbox"/>
Enable Hold Reminder:	<input checked="" type="checkbox"/>	Hold Reminder Time:	60
Enable Call Waiting:	<input type="checkbox"/>	RTP Port:	10002
Session Time:	0	Min SE Time:	0
Enum Suffix:	e164.arpa		
Speed Dial Entry			
Speed Dial Entry 0:	<input type="text"/>	Speed Dial Entry 1:	<input type="text"/>
Speed Dial Entry 2:	<input type="text"/>	Speed Dial Entry 3:	<input type="text"/>
Speed Dial Entry 4:	<input type="text"/>	Speed Dial Entry 5:	<input type="text"/>
Speed Dial Entry 6:	<input type="text"/>	Speed Dial Entry 7:	<input type="text"/>
Speed Dial Entry 8:	<input type="text"/>	Speed Dial Entry 9:	<input type="text"/>
Speed Dial Entry *:	<input type="text"/>	Speed Dial Entry #:	<input type="text"/>
Call Blocking Entry			
Call Blocking Entry 1:	<input type="text"/>	Call Blocking Entry 2:	<input type="text"/>
Call Blocking Entry 3:	<input type="text"/>	Call Blocking Entry 4:	<input type="text"/>
Call Blocking Entry 5:	<input type="text"/>	Call Blocking Entry 6:	<input type="text"/>
Call Blocking Entry 7:	<input type="text"/>	Call Blocking Entry 8:	<input type="text"/>

<b>Enable DND</b>	Turn on DND function.
<b>Enable Auto Answer</b>	Turn on auto answer function.
<b>Enable Echo Celler</b>	Turn on echo canceller.
<b>Call Completion</b>	Turning this setting to “on” will prompt the user to activate call completion, if possible, while calling a number. When the called party becomes available again, your phone will be automatically redial the number.
<b>Silence Suppression(VAD)</b>	Three options: None, Off and On.
<b>Phone Lock</b>	Lock this phone. Default pin code to unlock it: 1234.
<b>Enable Transfer Onhook</b>	Turn on on-hook transfer function.
<b>Reject Anonymous Call</b>	Turn on reject anonymous call function.
<b>Enable Hold Reminder</b>	Turn on hold reminder function.
<b>Hold Reminder Time</b>	Set hold reminder time.
<b>Enable Call Waiting</b>	Turn on call waiting function.
<b>RTP Port</b>	Set RTP port.
<b>Session Time</b>	Set session time.
<b>Min SE Time</b>	Set minimum session est. time.
<b>Enum Suffix</b>	Set root server of Enum.
<b>Speed Dial Entry</b>	Set the speed dial numbers for keys(for key 0-9, *, #).
<b>Call Blocking Entry</b>	Set the call blocking numbers.

<b>XML Server</b>	XML Services URL:	<input type="text"/>
	Custom User Agent:	<input type="text" value="Allegro-Software-WebClient/4.34"/>
	Trans-File Server URL:	<input type="text"/>

<b>XML Service URL</b>	Set the root HTTP URL of XML service. To use XML service function, please contact with your administrator or service provider for details.
<b>Custom User Agent</b>	It is used for compatible with some Cisco XML services.
<b>Trans-File Server URL</b>	Set the HTTP URL of trans-file server which is for file sending application. To use this function, please contact with your administrator or service provider for details.

## Phone - Advanced Functions

<b>Information</b>	<b>Phone</b>	<b>System</b>	<b>Phonebook</b>
<b>Advanced Function</b>			
<b>Basic Functions</b>	<b>Advanced Functions</b>	<b>On Conditions</b>	

<b>Auto Reply</b>	Enable Auto Reply:	<input type="checkbox"/>
	Caller Number 1:	<input type="text"/>
	Message 1:	<input type="text"/>
	Caller Number 2:	<input type="text"/>
	Message 2:	<input type="text"/>
	Caller Number 3:	<input type="text"/>
	Message 3:	<input type="text"/>

<b>Enable Auto Reply</b>	Enable auto-reply function.
<b>Caller Number 1, 2, 3</b>	Set the number for matching.
<b>Message 1, 2, 3</b>	Enter a message that you want to leave for the caller.

Note: Auto-reply function provides a friendly reply mechanism for caller when you leave the Phone. If you enable this function, when the set phone number calls you, the phone will auto reply a MESSAGE as you set to the caller. Otherwise, the phone will ring until timeout.

E-mail Parameters			
User Name:	<input type="text" value="myname"/>		
E-mail Address:	<input type="text" value="test@test.com"/>		
Login Account:	<input type="text" value="test"/>	Login Password:	<input type="password" value="••••"/>
POP3 Server Address:	<input type="text" value="pop3.test.com"/>	POP3 Server Port:	<input type="text" value="110"/>
SMTP Server Address:	<input type="text" value="smtp.test.com"/>	SMTP Server Port:	<input type="text" value="25"/>

<b>Email User Name</b>	Set E-mail displayed name for E-Mail application.
<b>Email Address</b>	Set E-mail address for E-Mail application.
<b>Email Login Account</b>	Set authorization user name for E-Mail application.
<b>Email Login Password</b>	Set authorization password for E-Mail application.
<b>Email POP3 Server</b>	Set POP3 server address for E-Mail application.
<b>Email POP3 Port</b>	Set POP3 server port for E-Mail application.
<b>Email SMTP Server</b>	Set SMTP server address for E-Mail application.
<b>Email SMTP Port</b>	Set SMTP server port for E-Mail application.

Door Phone Parameters			
Enable Door Phone:	<input type="checkbox"/>		
Door Phone Number:	<input type="text"/>		
Door Phone Camera IP:	<input type="text"/>	Door Phone Camera Port:	<input type="text" value="0"/>
Door Phone Camera User:	<input type="text"/>	Door Phone Camera Password:	<input type="password"/>
Video Phone Parameters			
Enable Video Phone:	<input type="checkbox"/>		
Video Phone Number:	<input type="text"/>		
Video Phone Camera IP:	<input type="text"/>	Video Phone Camera Port:	<input type="text" value="0"/>
Video Phone Camera User:	<input type="text"/>	Video Phone Camera Password:	<input type="password"/>
IP Camera Parameters			
Location:	<input type="text"/>		
IP Address:	<input type="text"/>	Connection Mode	<input type="text" value="HTTP"/>
Login Name:	<input type="text"/>	Login Password:	<input type="password"/>
Web Port:	<input type="text"/>	RTSP Port:	<input type="text"/>
RTSP Path:	<input type="text"/>		

<b>Enable Door Phone</b>	Click to enable door phone function.
<b>Door Phone Number</b>	Set the phone number of the Web IP Phone that is used as door phone.
<b>Door Phone Camera IP/ Port</b>	Set the IP address and port number of the IP camera placed aside the door phone.
<b>Door Phone Camera User Name</b>	Set the login user name of the IP camera placed aside the door phone.
<b>Door Phone Camera Password</b>	Set the login password of the IP camera placed aside the door phone.

<b>Enable Video Phone</b>	Click to enable video phone function.
<b>Video Phone Number</b>	Set the phone number of the Web IP Phone that is used as video phone.
<b>Video Phone Camera IP/ Port</b>	Set the IP address and port number of the IP camera placed aside the video phone.
<b>Video Phone Camera User Name</b>	Set the login user name of the IP camera placed aside the video phone.
<b>Video Phone Camera Password</b>	Set the login password of the IP camera placed aside the video phone.
<b>IP Camera Location</b>	Set a readable name or location for the IP camera.
<b>IP Address</b>	Set IP address of the IP camera.
<b>Connection Mode</b>	Set the mode of IP camera connection. There are two modes, HTTP and RTSP.
<b>Login Name</b>	Set login user name of the IP camera.
<b>Login Password</b>	Set login password of the IP camera.
<b>Web Port</b>	Set the port number of HTTP mode.
<b>RTSP Port</b>	Set the port number of RTSP mode.
<b>RTSP Path</b>	Set the RTSP path.

Note: To use IP Camera related applications, such as surveillance, door phone and video phone, you need to have a specific IP camera. Please contact with your service provider for details.

## Phone - On Conditions

Information	Phone	System	Contacts
<b>On Conditions</b>			
Basic Functions	Advanced Functions	<b>On Conditions</b>	Key Settings
<b>Upload OCT Table</b>			
On Condition Template:		<input type="text"/>	<input type="button" value="瀏覽..."/> <input type="button" value="Upload"/>
On Condition File:		<input type="text"/>	<input type="button" value="瀏覽..."/> <input type="button" value="Upload"/>
<b>On Condition</b>			
<b>Add Condition</b>			
Name:		<input type="text"/>	
Trigger:		<input type="text" value="None"/>	
Condition 0:		<input type="text" value="Remote Phone Number is"/>	<input type="text"/>
Condition 1:		<input type="text" value="Remote Phone Number is"/>	<input type="text"/>
Condition 2:		<input type="text" value="Remote Phone Number is"/>	<input type="text"/>
Condition 3:		<input type="text" value="Remote Phone Number is"/>	<input type="text"/>
Condition 4:		<input type="text" value="Remote Phone Number is"/>	<input type="text"/>
Action:		<input type="text" value="None"/>	

<b>On Condition Template</b>	Upload a new template file for On-Condition feature. For default template file content, please refer to Appendix A, page <b>xx</b> . Please note that the new update file will replace of the original template file in the phone.
<b>On Condition File</b>	Upload new setting items for On-Condition feature. For new setting file example, please refer to Appendix B, page <b>xx</b> . Please note that the new update file will replace of the original template file in the phone.
<b>Name</b>	Set the name for new On-Condition item.
<b>Trigger</b>	Select the trigger event for the new On-Condition item.
<b>Condition 0~4</b>	Set the conditions for the new item, max. to 4 conditions. If you let all them empty, it will use "*" instead; it means always true.
<b>Action</b>	Set an action for the new On-Condition item. Each action may have 0-5 parameters to be set.

## Phone - Key Settings

Information	Phone	System	Contacts
<b>Key Settings</b>			
Basic Functions	Advanced Functions	On Conditions	Key Settings

Function Key			
Function Key 1:	Line	Line Supported:	Active
Key 1 Number:	<input type="text"/>		
Function Key 2:	Line	Line Supported:	Active
Key 2 Number:	<input type="text"/>		
Function Key 3:	Line	Line Supported:	Active
Key 3 Number:	<input type="text"/>		
Function Key 4:	Line	Line Supported:	Active
Key 4 Number:	<input type="text"/>		

<b>Function Key 1, 2, 3, 4</b>	Set a specified function for each function key (1-4). There are many advanced call features that you can select from the list.
<b>Line Supported 1, 2, 3, 4</b>	Select a line number (1-6) which the function key assigned to.
<b>Key 1, 2, 3, 4 Number</b>	Set a number for the function key.

Line Key			
Line Key 1:	Line	Line Supported:	1
Key 1 Number:	<input type="text"/>		
Line Key 2:	Line	Line Supported:	2

<b>Line Key 1, 2, 3, 4, 5,6</b>	Set a specified function for each line key (1-6). There are many advanced call features that you can select from the list.
<b>Line Supported 1, 2, 3, 4, 5, 6</b>	Select a line number (1-6) which the line key assigned to.
<b>Line Key 1, 2, 3, 4, 5, 6 Number</b>	Set a number for the line key.

Hardkey	
MSG Key:	Key Event <input type="button" value="v"/>
MSG Key Number:	<input type="text"/>
Transfer Key:	Key Event <input type="button" value="v"/>
Transfer Key Number:	<input type="text"/>
Conference Key:	Key Event <input type="button" value="v"/>
Conference Key Number:	<input type="text"/>
Redial Key:	Key Event <input type="button" value="v"/>
Redial Key Number:	<input type="text"/>
Cont Key:	Key Event <input type="button" value="v"/>
Cont Key Number:	<input type="text"/>
Hold Key:	Key Event <input type="button" value="v"/>
Hold Key Number:	<input type="text"/>

<b>Hot Key:</b> <b>MSG,</b> <b>Conference,</b> <b>Contacts, Hold</b>	<b>Transfer,</b> <b>Redial,</b>	Set a specified function for each hot key. There are many advanced call features that you can select from the list.
<b>Line Supported</b>		Select a line number (1-6) which the hot key assigned to.
<b>Hot Key Number</b>		Set a number for the hot key.

## System Setting

Information	Phone	System	Contacts
<b>System</b>			
<b>Account Setting</b>			
User Name:		<input type="text" value="user"/>	User Password: <input type="password" value="••••"/>
<b>Time Setting</b>			
Auto DST:	<input type="checkbox"/>	Daylight Saving Time: <input type="text" value="0"/>	
Start On:	Month: <input type="text" value="JAN"/> Day: <input type="text" value="1"/>	Time: <input type="text" value="00:00"/>	
End On:	Month: <input type="text" value="JAN"/> Day: <input type="text" value="1"/>	Time: <input type="text" value="00:00"/>	
Time Format:	<input type="text" value="USA TIME_24_HOUR"/>		
Time Zone:	<input type="text" value="GMT (Greenwich Mean Time, London, ...)"/>		
<input type="button" value="Save settings"/> <input type="button" value="Cancel"/> <input type="button" value="Logout"/> <input type="button" value="System Log"/> <input type="button" value="Set to Default"/> <input type="button" value="Clear Phonebook"/> <input type="button" value="Set All to Default"/>			

<b>User Name</b>	Set the name for user mode (default: user)
<b>User Password</b>	Set the password for user mode(default: 1111)
<b>Auto DST</b>	Enable auto DST (daylight saving time).
<b>Daylight Saving Time</b>	Set a value for Daylight Saving Time. There are three options, -1, 0 and 1.
<b>Start on</b>	Set start time for DST.
<b>End on</b>	Set end time for DST.
<b>Time Format</b>	Select a time format showed on the phone LCD display.
<b>Time Zone</b>	Set a time zone for the phone.

<b>Save Settings</b>	Save changes in this page to the phone.
<b>Cancel</b>	Discard all changes in this page.
<b>Logout</b>	Log out and close the browser window.
<b>System Log</b>	Press the button to pop up the system log web page.
<b>Set to Default</b>	Press the button to set all parameters of the phone to default. The phone will auto reboot to make new parameters take effect.
<b>Clear Phonebook</b>	Press the button to clear up the private phonebook data of the phone.
<b>All Default</b>	Press the button to set all parameters of the phone to default as well as clear all phonebook data. The phone will auto reboot to make new parameters take effect.

## Contacts - Private Phonebook

Information	Phone	System	Contacts
<b>Phonebook</b>			
<b>Private Phonebook</b>		<b>Public Phonebook</b>	
<b>Phonebook File</b>			
Phonebook File		<input type="text"/>	<input type="button" value="瀏覽..."/> <input type="button" value="Upload"/> <input type="button" value="Download Phonebook"/>
There is no record now.			
<b>Phonebook Add</b>			
Name:	<input type="text"/>	Phone Number:	<input type="text"/>
Ring Tone:	1 ▾	Group:	Vendor ▾
Mobile Number:	<input type="text"/>	Gender:	None ▾
Home Number:	<input type="text"/>	Title:	<input type="text"/>
Company Number:	<input type="text"/>	Department:	<input type="text"/>
Address:	<input type="text"/>	Location:	<input type="text"/>
Web Url:	<input type="text"/>		
E-mail:	<input type="text"/>		
<input type="button" value="Save settings"/>		<input type="button" value="Cancel"/> <input type="button" value="Logout"/>	

<b>Upload Phonebook File</b>	Upload "PhoneBook.xml" to the private phonebook.
<b>Download Phonebook</b>	Download the current phonebook data from the phone.
<b>Group</b>	Set a group for a phonebook item
<b>CallOut</b>	Call the phonebook number via web page. It is similar to click-to-dial feature.
<b>Delete</b>	Delete the phonebook number via web page.

## Contacts - Public Phonebook

Information	Phone	System	Contacts
<b>Public Phonebook</b>			
<b>Private Phonebook</b>		<b>Public Phonebook</b>	
<b>Public Phonebook File</b>			
Phonebook Upload:		<input type="text"/>	<input type="button" value="瀏覽..."/> <input type="button" value="Upload"/>
<b>Phonebook Entry</b>			
There is no record now.			
<input type="button" value="Delete"/>		<input type="button" value="Cancel"/> <input type="button" value="Logout"/>	

<b>Upload Phonebook File</b>	Upload phonebook data from the computer to the public phonebook of the phone. Please note that public phonebook data is read only, user can't edit the data.
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## EDM Setting

Information	Phone	System	Contacts	EDM
<b>Left</b>				
<b>Left EDM</b>	Left Shift EDM	Right EDM	Right Shift EDM	
<b>EDM Column</b>				
EDM Button 1:	Busy Line Field <input type="button" value="v"/>			
Button 1 Number:	<input type="text"/>			
EDM Button 2:	Busy Line Field <input type="button" value="v"/>			
Button 2 Number:	<input type="text"/>			
EDM Button 3:	Busy Line Field <input type="button" value="v"/>			
Button 3 Number:	<input type="text"/>			

<b>EDM Button 1, 2,...,11</b>	Set a function for the EDM key.
<b>Line 1, 2, ... , 6</b>	Select a line for the EDM key.
<b>Button 1, 2, ... , 11 Number</b>	Set a number for the EDM key.

Note: The EDM setting page will not appear if the EDM is not plugged into the phone.

## 8. Troubleshooting

<i>Symptom</i>	<i>Check &amp; Remedy</i>
<b>No operation</b>	<ul style="list-style-type: none"> <li>● Check if the power adapter is properly connected.</li> <li>● Check if the Ethernet cable is properly connected.</li> </ul>
<b>No dial tone</b>	<ul style="list-style-type: none"> <li>● Check if the handset cord is properly connected.</li> <li>● Check if the power adapter is properly connected.</li> </ul>
<b>LAN connection lost status message</b>	<ul style="list-style-type: none"> <li>● Check if the Ethernet cable is properly connected</li> </ul>
<b>I cannot make call</b>	<ul style="list-style-type: none"> <li>● Check the status of your SIP registration status or contact your administrator, supplier or ITSP for more information or assistance.</li> </ul>
<b>My IP Phone cannot receive any phone call</b>	<ul style="list-style-type: none"> <li>● Check if the Ethernet cable is properly connected</li> <li>● Check the status of your SIP registration status, or contact your administrator, supplier or ITSP for more information or assistance.</li> </ul>
<b>I cannot connect to the configuration website of the IP Phone</b>	<ul style="list-style-type: none"> <li>● Check if the Ethernet cable is properly connected</li> <li>● Check the IP address of the IP Phone</li> <li>● Check if your firewall/NAT settings is correct</li> </ul>

## 9. Appendices

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### Appendix A: On Condition Template Profile

```
<?xml version="1.0" encoding="utf-8" standalone="yes" ?>
<OCTTemplates>
  <Template>
    <Name>Do not disturb</Name>
    <Trigger>InComingCall</Trigger>
    <Condition>*</Condition>
    <Action>RedirectCall</Action>
  </Template>
  <Template>
    <Name>Call Forward Unconditional</Name>
    <Trigger>InComingCall</Trigger>
    <Condition>*</Condition>
    <Action>RedirectCall</Action>
  </Template>
  <Template>
    <Name>Call Forward Busy</Name>
    <Trigger>Line-Busy</Trigger>
    <Condition>*</Condition>
    <Action>RedirectCall</Action>
  </Template>
  <Template>
    <Name>Call Forward No answer</Name>
    <Trigger>Line-NoAnswer</Trigger>
    <Condition>*</Condition>
    <Action>RedirectCall</Action>
  </Template>
  <Template>
    <Name>Call Blocking</Name>
    <Trigger>InComingCall</Trigger>
    <Condition>
      <Param>
        <Name>REMOTEEXTENTION</Name>
        <Hint>The Number to Block</Hint>
      </Param>
    </Condition>
    <Action>RejectCall</Action>
  </Template>
</OCTTemplates>
```

## Appendix B: On Condition Table Action Configuration Profile

```
<?xml version="1.0" encoding="utf-8" standalone="yes" ?>
<OCTSettings>
  <Setting>
    <Name>Setting Abc</Name>
    <Trigger>IncomingCall</Trigger>
    <Condition>*</Condition>
    <Action>http://127.0.0.1/build-in/function?param1=value1</Action>
  </Setting>
  <Setting>
    <Name>Setting Abc</Name>
    <Trigger>IncomingCall</Trigger>
    <Condition>*</Condition>
    <Action>http://127.0.0.1/build-in/function?param1=value1</Action>
  </Setting>
  <Setting>
    <Name>Setting Abc</Name>
    <Trigger>IncomingCall</Trigger>
    <Condition>*</Condition>
    <Action>http://127.0.0.1/build-in/function?param1=value1</Action>
  </Setting>
</OCTSettings>
```

==== The End of Document =====