

IT82 Series

Indoor Monitor User Manual

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1 Production Overview

Image: Image:

1.1 Production Description

IT82 series is an Android SIP-based with smooth touch-screen Indoor monitor. It can be connected with Akuvox door phone for unlock and monitor. Residents can communicate with visitors via audio and video call, and support remote unlock the door. It is more convenient and safe for residents to check the visitor identity through its video preview function. IT82 series is often applicable in villas , apartments, building and so on.

FCC Caution:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions : (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note : 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.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.

1.2 Technical Specification

Model	IT82 series
Graphic Display	• 7 inch capacitive touch screen TFT LCD, 1024x600
	resolution, 16:9 wide screen aspect ratio
Network	
Protocol	• SIP RFC3201,1CP/0DP/IP,RTP
Voice Codec	 G.711A/U, G.729, G.722, iLBC_13_3, iLBC_15_2,OPUS
Video Codec	 H.264, H.263, H.265, MJPEG
Network	
Interface	Dual switched 10/100Mbps port
IP assignment	Static IP, DHCP
Memory	 RAM:2GB, Flash:4GB
Management	 LCD Menu Configuration, WebUI
Dimension	• 230x160x30mm
Storage	• Album
	External SD device

1.3 Button Instruction

Interface	Description
0J	Manage center button. Click to make a call with manage center.
Σ	Message button. Click to direct access to message interface.
0	Monitor button. Click to view the monitoring from outdoor environment.
×	Intercom button. Click to enter the dialing interface.
-0	Unlock sensor button. The physical Unlock key is only used for E10S now.

1.4 Dimension







1.5 Equipment Appearance And Interface Description





Interface	Description						
8 PIN connector	+12V GND X X 485+ 485- NO COM						
	For power supply and 485 connector						
10PINconnect	IO1 IO2 IO3 IO4 IO5 IO6 IO7 IO8 X GND For 8 security connector						
Ethernet 1	Network interface can be connected to a hub, switch or other network access devices.						
Ethernet 2	Share the network access from ethernet 1 port, and for PC and other equipment connection.						

1.6 Installation



Use the pencil to mark 4 fixation holes through wall bracket on the wall

Г



Use a 5mm hand drill to make the 4 fixation holes on the wall



Use 4 ST4X20 screws to fix the wall bracket in the wall



Once the fixation holes are made, insert the four expansion anchors provided





1.7 Installation Considerations

Here are some safety recommendations about the installation and the usage:

- Do not use this product near water, such as: bath, washbasin, kitchen sink and other damp places and so on.
- Place the device in a place away from heat.
- Place the device away from traffic areas to prevent collisions.
- Please use the equipment with the matching power adapter or POE.

1.8 Equipment Packaging

Name	Quantity
IT82	1
Wall bracket	1
Quick Start Guide	1
10 Pin cable	1
8 Pin cable	1
Expansion anchor	4
ST4x20 screw	4

2 Setting

2.1 Main interface instruction

It82 supports two pages of main interface. Click the corresponding area to operate.



2.2 Network

2.2.1 DHCP

IT82 series use HCP mode to get IP address by default. Please go to Setting-Advanced (password:123456)-Network

Choose DHCP, press CONFIRM, the phone will get IP address automatically.

Ð		2:59 AM			7-10-2	2017
← Network					(\Im
Network Type		Ethernet				
LAN Type		DHCP		2		
LAN IP	192	2.168.35.69		5	6	
Subnet Mask	255	5.255.255.0	7	8	9	
Gateway	19	92.168.35.1		0		
Pri DNS Server	19	92.168.35.1		U		
Bak DNS Server						
Û	\bigtriangledown	0				

2.2.2 Static IP

Select Static IP in LAN Type. Enter the IP address parameters in the corresponding area.

ð		2:59 AN	1		7	-10-2017
← Network						\oslash
Network Type		Etherne	t			
LAN Type		Static IP		1 2	2 3	
LAN IP	1	92.168.35.69		4 5	5 6	
Subnet Mask	2	55.255.255.0	2	7 8	3 9	
Gateway		192.168.35.1		. () (x]
Pri DNS Server		192.168.35.1				
Bak DNS Server						
C		0				

Parameter	Specification
IP address	set the IP address of the device

Subnet Mask	set the subnet mask of the device
Gateway	set the default gateway
DNS 1	set the DNS address
DNS 2	set the backup DNS address

2.3 Register Account

SIP account is provided by SIP server. Go to Setting-Advanced-Sip Account . Please consult administrator about sip server information.

Ð			3:01 AM		7-10-2017
←	Account				\oslash
	Account			Account 1	
	Active			ď	
	Label			308	
	Display Na	ame		308	
	Register N	lame		308	
	User Nam	e		308	
	Deserved				
	Ð	\bigtriangledown	0		

ð		3:0	1 AM			7-10-2017
←	Account					\oslash
	Label				308	
	Display Name				308	
	Register Name				308	
	User Name				308	
	Password			••	••••	
	Sip Server			192.168.3	5.235	
	Sip Port				5060	
	Ð	\triangleleft	0			

Fill the parameters in the corresponding area. Click CONFIRM to save.

Parameter	Specification
Register Name	SIP Account ID provided by ISP
User Name	SIP User Name provided by ISP
Password	SIP Password provided by ISP
Display Name	SIP Display name
Reg Server IP	SIP Register Server, format: domain/IP, for example: 194.168.1.2
Reg Server Port	The default port is 5060.

2.4 Display

2.4.1 Brightness

Slide the point left or right to adjust the screen brightness, click CONFIRM to save.

ď		2:54 AM		7-10-2017
←	Display Setting			\bigotimes
	Brightness		102	
	Sleep Screen Saver		1 minute 2 minutes 5 minutes	
	Screen Gean		10 minutes 30 minutes 1 hour	
	()	⊲ 0		

2.4.2 Sleep

Choose the sleep time from 15 seconds to Never. IT82 series setup 1minute by default. After the sleep time without any operation, the phone will black screen. Touch it to wake up.

Ъ		2:54 AM		7-10-2017
←	Display Setting			\oslash
	Brightness ⁻	•	102	
	Sleep		1 minute	
	Screen Saver		1 minute 2 minutes	
	Screen Clean		5 minutes	
			10 minutes	
			30 minutes	
			1 hour	
	\Box	0		

2.4.3 Screen Saver

ð		2	:54 AM		7-10-2017
←	Display Setting				\oslash
	Brightness			102	
	Sleep			1 minute	
	Screen Saver				
	Screen Clean				
		\triangleleft	0	Ĵ	

2.4.4 Screen Clean

This function is used to protect the device from being pressed any keys when users clean the screen.

Ð	2:54 AM	7-10-2017
\leftarrow	Display Setting	\otimes
	Brig Screen Clean Siec Do you want to clean screen? Screen Cancel CONFIRM Screen Clean	102 ute
		3)

2.5 Sound

Ъ		2:55 AM			7-10-2017
←	Sound				\oslash
	Ring Volume			8	
	Talk Volume			8	
	Tone Volume			8	
	Ring Tones		Flut	tey Phone	
	Notification Sound			Pixie Dust	
	D (0		Ĵ	

2.5.1 Volume

Slide the point right or left to adjust the Ring / Talk/Tone Volume.

2.5.2 Ring tones

To setup the Phone Ringtone, click OK to confirm

2.5.3 Notification Sound

Select the suitable notification sound, click OK to confirm.

2.6 Time

Setup the date and time in the corresponding area.

Enable Automatic Date Time , the phone will get the Date and Time automatically.

If you uncheck Automatic Date Time, users need to setup the Date and Time

manually.

Users can also select the suitable Time Zone and use 24-Hour format.

Ð				2:56 AM			7-10-2017
←	Time						\bigotimes
		Automatic	Date Time			•	
		Set Date				7-10-2017	
		Set Time				2:56 AM	
		Time Zone			Azores	GMT+0:00	
		Use 24-Ho	ur Format				
		Date Form	ate		C	07-10-2017	
		NTP Sever				Not Set	
		D	\bigtriangledown	0			

2.7 System Info

Enter System Info interface to check Account, Network and Version information.



To check the SIP account status

To check the Network Access Mode And parameters.

đ			2:58 AM 7-10-20					
4	System Info							
	Account		N	etwork		Version		
	Access Mode	DHCP						
	IP Address	192.16	192.168.35.69					
	Subnet Mask	255.25	255.255.255.0					
	Gateway	192.16	58.35.1					
			\triangleleft	0		D)		

To check the Software version, Firmware version, Firmware Model and Hardware version.

Ð			2:58 AM		7-10-2017
←	System Info				
	Account		Network	Version	
	Software Version	3.0.3.133			
	Firmware Version	82.0.2.106			
	Firmware Model	IT82			
	Hardware Version	1.0			
		4	0		

2.8 Language

Choose the suitable phone language. IT82 series use English by default.

đ		2	:58 AM		7-10-2017
← L	anguage				\oslash
	Chinese			۲	
	English			٥	
	Deutsch(Deuts	chland)		0	
	Français(Franc	ce)		۲	
	Italiano(Italia)			۲	
	日本の			۲	
	Nederlands(Ne	ederland)		۲	
	D	\bigtriangledown	0		

2.9 Reboot

To reboot the device, click CONFIRM when you see the prompt. The phone will reboot.



2.10 Reset

Go to Advance-Reset. Choose the Reset mode, click CONFIRM when you see the prompt. The phone will reset to factory setting automatically.

Ð				2:59 AM			7-10-2017
~	Settings						
	C Display	Choose ru	eset data et To Factory Se et Config To Fac	etting story Setting			System Info
	(A) Language		C Reboot		CANCEL	CONFIRM	 More
		D	\bigtriangledown	0			

2.11 Folder

Click Folder to check the local and SD card files. IT82 series supports external SD card.

đ	2:34 AM	7-24-2017
← Folder		Exit
Local		1970-01-01 00:00:00.0
TF		1970-01-01 00:00:00.0

3 Function

3.1 Make a call

User can directly dial from the soft keypad, select from the contact list or from call log to call out the number.

User can choose one of the following steps to enter the dialing interface.

Mode 1: Click Call icon Son the main screen.

Mode 2: Click Intercom button

3.1.1 Call SIP

If you want to call sip number, you can select Call SIP label. Click the sip number to make a call. The more information about sip account please consult administrator.

Ъ	3:02	AM		7-10-20	17
← Intercom					
		_			
		1	2	3	
0.0.0.0.0 0.0.0.0	02:41:32 00:00:02	4	5	6	
■ 192.168.35.22 192.168.35.22	01:24:01	7	8	9	
a 192.168.35.99	10:54:17		0	(\mathbf{X})	
192.100.33.99	00.00.05		C		
D			C)		

3.1.2 Call resident

If you want to call room number, you can select Call Resident label. For example, if you want to call community 1, Building 1, Unit 1, Floor 1, Room1, you can input digits "001001010101".

3.1.3 Call from Call Log

User can enter the call log page to make a call.

- 1. In the dialing interface->click Intercom icon
- 2. Click Intercom button

Directly slide up and down to choose the number from the call history. Click Dail key



3.1.4 Call from Contacts

User can enter phonebook interface to make a call.

Directly click Contact icon



If you want to make an audio call, click Audio Call icon 🥒. If you want to make a

video call, click Video Call 🐼.

Contact is shown as below:

Ð		;	3:05	AM				7-10-20	17
← Contact									
Select a num	ber	+			а	kuvo	x		
akuvox						1011			
						1022			
						5736			
				S	₽₽		Û	勔	
	$\hat{\Box}$	\bigtriangledown	С)					

If the contact has multiple numbers, after clicking the calling mode, user need to choose the number you want to call.



3.1.5 Call Center

If you want to call management center (SDMC system), you can press ^a to call out. This function only can be used when IT82 series has registered from SDMC.

3.2 Receive a call

Incoming calls include audio and video calls. If the caller has been stored in the contacts, it will show the contact name, otherwise the caller number will be displayed. When IT82 series received the video call, it can automatically get a screenshot and save it in the Album.



Video call :

Audio Call :



3.3 Answer a call

1) Answer a audio



2) Answer a video call

When receiving an video call, the phone will automatically open the video preview so

that resident can view the visitors identity. Press Answer key Answer to answer the call. As shown below:



3.4 Reject a call

If user want to reject a call, click Cancel label



in incoming interface.

3.5 Contacts

3.5.1 New contacts

- 1.Click Add button.
- 2.Enter the name.
- 3.Select the number type, and enter the parameters in the corresponding area.
- 4.Click CONFIRM to save.

đ			3:04	AM			7-10-201	17
÷	- Contact							
	Select a number		+					
				ß	0	Ш	品	
				8	₩.E	A	ш	
	Ð	\bigtriangledown	C)				

3.5.2 Modify the contact

- 1. Choose the existed contact, click to edit.
- 2. Then modify the contact you need.
- 3. Click CONFIRM to save.

Ð			3	:05 AM		7-10-2017
←	Contact					
			ak	uvox2		
				5436		
				5438		
				5462		
			Cancel		Confirm	
		Û	\bigtriangledown	0		

3.5.3 Delete the contact

Choose the the existed contact you need to delete. Click 👜 to delete.

3.6 Call log

Click Intercom, slide up and down to check the all call log in the marked box as shown below.

Ð	3:02	AM		7-10-201	17
← Intercom					
		-		_	
		1	2	3	
0.0.0.0.0 0.0.0.0.0	02:41:32 00:00:02	4	5	6	
► 192.168.35.22 192.168.35.22	01:24:01 00:00:02	7	8	9	
a 192.168.35.99	10:54:17		0	$\langle X \rangle$	
192.108.35.99	00.00.05		C		
Φ	< (

3.6.1 Modify the call log

Choose one call log, click it to modify the log. Users can create a new contact or send the message to this call log.



3.6.2 Delete the log

Click in the corresponding log, choose Delete to remove the call log number.

3.7 Capture

IT82 supports capture the visitor photo when incoming preview. IT82 series can auto capture if ringing for 3 seconds without answer.

3.8 Message

Users can receive and write the message.

3.9 Live View

Live view is used to monitor the door phone via using RTSP.

1.Path: Settings->More->Live View

2.Enter the door phone RTSP address.(please make sure the address format is right)

3.Click CONRIM to save.

Then users can check the live video from the door phone any time.

5.00 AM 7-10-2	
← Live View (2	\mathcal{S}
Doorphone ID:	
0	
RTSP Address:	
rtsp://192.168.35.26/live/ch00_0	

3.10 Unlock

IT82 series supports remote unlock the door phone via using DTMF code. During the

call, users can press Open Lobby label Inlock or Unlock touch key to open the door during the call.

Setup Unlock

IT82 support unlock local door lock or remote unlock. And there are two unlock keyssoftkey during the talking, physical unlock key. If you want to unlock the local door lock, choose the type as Relay. Otherwise ,setup the type as DTMF, then choose the DTMF code.

Go to the path: Setting-> More(123456)-> Unlock Code

Ð		3:00 AM		7-10-2017
←	Unlock code			\bigotimes
	Softkey Type		Auto	
	Hardware Key Type		Auto	
	DTMF		#	
		0		

Note: IT82 series default DTMF code is #. Users need to predefine the same DTMF code of door phone and IT82. Configuration DTMF code, please consult your administrator.

3.11 SOS

SOS key is used to call out the emergency number in case of emergency. IT82 series will call out for three predefined numbers in a loop, each number will be called for 60s (by default).

- 1. Go to Setting-> More-(password)>SOS
- 2. Set up 3 emergency number
- 3. Setup the call Timeout
- 4. Set up the loop time
- 5. Click CONFIRM to save

Ð			3:01 AM		7-10-2017
←	SOS				\oslash
		Call Number1		300	
		Call Number2		154	
		Call Number3		809	
		Call Timeout		60s	
		Loop Time		3	

3.12 Security

IT82 series support connect 8 alarm zones via IO1-8 interface. Up to 5 Alarm Type - Infrared, Drmagnet, Smoke, Gas and Urgency and two trigger mode - NC(normal close) and NO(normal open).

Go to the path: Settings-> More(Password:123456)-> Arming

- Different alarm sensor is suitable for different type. For example, if you use the smoke detector in your bedroom(zoon1), connect the sensor in IO1 and GND contact in IT82, then you can setup the type as Smoke.
- Trigger Mode depends on connecting mode .
- Alarm Status includes 3 types: Disable, Enable,24H. Disable: alarm function is invalid. Enable: Alarm function is valid after you choose the Arming mode(indoor, sleep, outdoor). 24H: Alarm function is working whether you choose the mode or not.

Ð		3:12 AM	7-24-2017
←	Zone Settings	5	\bigotimes
		Zone parameter settings	Zone1
	Location	Bedroom	Zone2
	Туре	Infrared	Zone3
	Trigger Mode	NC	Zone4
	Alarm Status	Disable	Zone5
			Zone6
			Zone7
			Zone8

Return to the main interface, click Arming.

Setup alarm delay, the alarm will ringing after the alarm has been triggered. Open or close Alarm Status to enable or disable this function.

Ð			3:02 AM		7-10-2017
← A	rming Mod	е			\otimes
	Indoor		Sleeping	Outd	oor
Zone	Location	Zone type	Defence delay	Alarm Delay	Status
Zone1	Bedroom	Infrared	90s delay	90s delay	Disable
Zone2	Bedroom	Infrared	90s delay	90s delay	Disable
Zone3	Bedroom	Infrared	90s delay	90s delay	Disable
Zone4	Bedroom	Infrared	90s delay	90s delay	Disable

Enter Zone Status to check 8 alarm zones working mode.

ð			3:03 AM		7-10-2017
←	Zone S	Status			
	Zone	Location	Zone Type	Trigger Mode	Status
	Zone0	Bedroom	Infrared	NO	Disable
	Zone1	Bedroom	Infrared	NO	Disable
	Zone2	Bedroom	Infrared	NO	Disable
	Zone3	Bedroom	Infrared	NO	Disable
	Zone4	Bedroom	Infrared	NO	Disable
		D <	√ 0		

When the alarm is triggered, click Cancel and input "0000" to disable it.

4 Website

4.1Web login

The Akuvox IT82 series ses DHCP IP address by default, go to the path: Settings-System Info-Network to check the IP address.

Open a Web Browser, enter the corresponding IP address. Then, type the default user

name and password to log in. The default User Name and Password are as below:

User name: admin

Password: admin

Login		Help Login Page
User Name Password	Remember Username/Password	

4.2 Status

4.2.1Basic

De	oduct Information
FI	oduce information
Model	IT82
Hardware Model	IT82
MAC Address	0c1105aa3d3c
Firmware Version	82.0.2,110
Hardware Version	1,0
Ne	twork Information
LAN Port Type	DHCP Auto
LAN Link Status	Connected
LAN IP Address	192.168.35.10
LAN Subnet Mask	255.255.255.0
LAN Gateway	192.168.35.1
LAN DNS1	192.168.35.1
LAN DNS2	
Ac	count Information
Account1	None@None
	Disabled

Sections	Description		
Product Information	To display the device's information such as Model name,		
	MAC address (IP device's physical address), Firmware		
	version and Hardware firmware.		
Network Information	To display the device's Networking status(LAN Port), such as		
	Port Type(which could be DHCP/Static/PPPoE), Link Status,		
	IP Address, Subnet Mask, Gateway, Primary DNS		
	server, Secondary DNS server, Primary NTP server		
	and Secondary NTP server(NTP server is used to synchronize		
	time from INTERNET automatically).		
Account Information	To display device's Account information and Registration		
	status (account username, registered server's address,		
	Register result).		

4.3 Account

4.3.1 Basic

Account-Basic		
	SIP Acc	ount
	Status	Registering
	Account	Account 1
	Account Active	Enabled 🔻
	Display Label	1001
	Display Name	1001
	Register Name	1001
	User Name	1001
	Password	•••••
	SIP Sen	ver 1
	Server IP	192.168.10.27 Port 5060
	Registration Period	1800 (30~65535s)

Sections	Description	
SIP Account	To display and configure the specific Account settings.	
	• Status: To display register result.	
	• Display Label: Which is displayed on the phone's LCD	
	screen.	
	• Display Name: Which is sent to the other call party for	
	displaying.	
	• Register Name: Allocated by SIP server provider, used	
	for authentication.	
	• User Name: Allocated by your SIP server provide, used	
	for authentication.	
	 Password: Used for authorization. 	
SIP Server 1	To display and configure Primary SIP server settings.	
	• Server IP: SIP server address, it could be an URL or IP	
	address.	
	• Registration Period: The registration will expire after	
	Registration period, the IP phone will re-register	

automatically within registration period.	

	SIP Server 2
Server IP	192.168.10.27 Port 5060
Registration Period	1800 (30~65535s)
Out	oound Proxy Server
Enable Outbound	Enabled 🔹
Server IP	66.66.17.152 Port 5060
Backup Server IP	Port 5060
	Transport Type
Transport Type	UDP 🔻
	NAT
NAT	Disabled 🔹

Sections	Description		
SIP Server 2	To display and configure Secondary SIP server settings.		
	This is for redundancy, if registering to Primary SIP serve		
	fails, the IP phone will go to Secondary SIP server for		
	registering.		
	Note: Secondary SIP server is used for redundancy, it can be		
	left blank if there is not redundancy SIP server in user's		
	environment.		
Outbound Proxy Server	To display and configure Outbound Proxy server settings.		
	An outbound proxy server is used to receive all initiating		
	request messages and route them to the designated SIP		
	server.		
	Note: If configured, all SIP request messages from the IP		
	phone will be sent to the outbound proxy server forcefully.		
Transport Type	To display and configure Transport type for SIP message		
	• UDP: UDP is an unreliable but very efficient transport		
	layer protocol.		

	• TCP: Reliable but less-efficient transport layer protocol.		
	• TLS: Secured and Reliable transport layer protocol.		
	• DNS-SRV: A DNS RR for specifying the location of		
	services.		
NAT	To display and configure NAT(Net Address Translator)		
	settings.		
	• STUN: Short for Simple Traversal of UDP over NATS, a		
	solution to solve NAT issues.		
	Note: By default, NAT is disabled.		

4.3.2 Advance

SIP Account Account 1 Audio Codecs Disabled Codecs ILBC_13_3 ILBC_15_2 OPUS L16 Video Codecs Video Codecs H265 Image: Subscribe Video Codecs Subscribe Subscribe bscribe Disabled Image: Subscribe Image: Subscribe <th></th>	
t Account 1 Audio Codecs Disabled Codecs LLBC_13_3 LLBC_15_2 OPUS L16 Video Codecs Disabled Codecs Disabled Codecs Disabled Codecs Enabled Codecs Disabled Codecs Enabled Codecs Disabled Disabled Disabled Disabled Disabl	
Audio Codecs Enabled Codecs ILBC_13_3 ILBC_15_2 OPUS ILIG L16 Image: Codecs Video Codecs Image: Codecs H265 Image: Codecs H265 Image: Codecs Video Codecs Image: Codecs H265 Image: Codecs H264 H263 Code Image: Codecs H265 Image: Codecs H264 H263 Code Image: Codecs H263 Image: Codecs Subscribe Image: Codecs Ibscribe Disabled Ibscribe Image: Codecs Image: Codecs Image: Codecs Image: Codecs Image: Codecs	T
Disabled Codecs Enabled Codecs ILBC_13_3 ILBC_15_2 OPUS G729 I16 G729 G722 G722 Video Codecs H265 Image: Codecs H265 Image: Codecs H265 Image: Codecs H263 Image: Codecs Video Codec H263 Comparison CIF Value H263 Resolution CIF Subscribe Disabled ibscribe Disabled iscribe Disabled iall Number Isoo ire 1800	
Video Codecs Disabled Codecs Enabled Codecs H265 Image: Second S	5 + 4 =
Disabled Codecs >> Enabled Codecs H265 <	
Video Codec Name H263 Resolution CIF Payload 34 Subscribe bscribe Period 1800 lail Number ire 1800	-
Name H263 Resolution CIF Payload 34 CIF Payload 34 Payload 34 CIF CIF CIF CIF CIF CIF CIF CI	
Resolution CIF	
Bitrate 320 Payload 34 Payload 34 Bitrate 34 Bitra	H264
Payload 34 * Subscribe Ibscribe Period 1800 Iail Number Iire 1800	H264 CIF
Subscribe Ibscribe Disabled Ibscribe Period 1800 Iail Number Ire 1800	H264 CIF • 320 •
ibscribe Disabled ibscribe Period 1800 lail Number iire 1800	H264 CIF ¥ 320 ¥ 104 ¥
ibscribe Period 1800 lail Number ire 1800	H264 CIF V 320 V 104 V
lail Number	H264 CIF
ire 1800	H264 CIF ▼ 320 ▼ 104 ▼ (120~65535s)
	H264 CIF
1000	v v d

Sections	Description
SIP Account	To display current Account settings or to select which account
	to display.
Audio Codecs	To display and configure available/unavailable codecs list.
	Codec means coder-decoder which is used to transfer analog
	signal to digital signal or vice versa.
	Familiar codecs are PCMU(G711U), PCMA(G711A), G722
	(wide-bandth codecs), G729 and so on.
Video Codecs	To configure the video quality.
	• Codec Name: The default video codec is H264.
	• Codec Resolution: It can support QCIF, CIF, VGA, 4CIF,
	720P.
	• Codec Bitrate: The lowest bitrate is 128, the highest
	bitrate is 2048.
	 Codec payload: From 90-119.
Subscribe	To display and configure MWI, BLF, ACD subscription settings.
	• MWI: Message Waiting Indicator which is used to
	indicate whether there is unread new voice message.
	• BLF: BLF is short for Busy Lamp Field which is used to
	monitor the designated extension status.
	• ACD: Automatic Call Distribution is often used in offices
	for customer service, such as call center. The setting
	here is to negotiate with the server about expire time of
	ACD subscription.

	DTMF	
Туре	RFC2833	
How To Notify DTMF	Disabled	π
DTMF Payload	101	(96~127)
	Call	
Max Local SIP Port	5062	(1024~65535
Min Local SIP Port	5062	(1024~65535
Caller ID Header	FROM	•
Auto Answer	Disabled	•
Provisional Response ACK	Disabled	
Register with user=phone	Disabled	•
Invite with user=phone	Disabled	•
PTime	20	•
Anonymous Call	Disabled	•
Anonymous Call Rejection	Disabled	•
Is escape non Ascii character	Enabled	
Missed Call Log	Enabled	•
Prevent SIP Hacking	Disabled	•

Sections	Description
DTMF	To display and configure DTMF settings.
	 Type:Support Inband,Info, RFC2833 or their
	combination.
	• How To Notify DTMF: Only available when DTMF Type
	is Info.
	• DTMF Payload: To configure payload type for DTMF.
	Note: By default, DTMF type is RFC2833 which is the
	standard. Type Inband uses inband frequency to indicate
	DTMF tone which is most used to be compatible to
	traditional telephone server. Type Info uses SIP Info message
	to indicate DTMF message.
Call	To display and configure call-related features.
	• Max Local SIP Port: To configure maximum local sip
	port for designated account.
	• Min Local SIP Port: To configure minimum local sip port
	for designated account.
	• Caller ID Header: To configure which Caller ID format to
	fetch for displaying on Phone UI.
	• Auto Answer: If enabled, IP phone will be
	auto-answered when there is an incoming call for
	designated account.
	 Ringtones: Choose the ringtone for each account.
	• Provisioning Response ACK: 100% reliability for all

provisional messages, this means it will send ACK every
time the IP phone receives a provisional SIP message
from SIP server.
User=phone: If enabled, IP phone will send user=phone
within SIP message.
• PTime: Interval time between two consecutive RTP
packets.
Anonymous Call: If enabled, all outgoing call for the
designated account will be anonymous number.
Anonymous Call Rejection: If enabled, all incoming
anonymous-out call for the designated account will be
rejected.
Is escape non Ascii character: To transfer the symbol to
Ascii character.
 Missed Call Log: To display the miss call log.
Prevent SIP Hacking: Enable to prevent SIP from
hacking.

Active	Disabled	۲	
Session Expire	1800		(90~7200s)
Session Refresher	UAC]
1	Encryption		
Voice Encryption(SRTP)	Disabled	۲]
	NAT		
UDP Keep Alive Messages	Enabled	•	
UDP Alive Msg Interval	30		(5~60s)
RPort	Disabled	Ŧ]
c	Conference		
Туре	Local	۲]
Conference URI			
	Jser Agent		
			_

Sections	Description
Session Timer	To display or configure session timer settings.
	• Active: To enable or disable this feature, If enable, the
	ongoing call will be disconnected automatically once
	the session expired unless it's been refreshed by UAC or
	UAS.
	• Session Expire: Configure session expire time.
	• Session Refresher: To configure who should be
	response for refreshing a session.
	Note: UAC means User Agent Client, here stands for IP
	phone. UAS means User Agent Server, here stands for SIP
	server.
Encryption	To enable or disabled SRTP feature.
	• Voice Encryption(SRTP): If enabled, all audio signal
	(technically speaking it's RTP streams) will be encrypted
	for more security.
NAT	To display NAT-related settings.
	• UDP Keep Alive message: If enabled, IP phone will send
	UDP keep-alive message periodically to router to keep
	NAT port alive.
	• UDP Alive Msg Interval: Keepalive message interval.
	• Rport: Remote Port, if enabled, it will add Remote Port
	into outgoing SIP message for designated account.
Conference	To select Local or network conference.
	 Type: To select desired conference type
	• Conference URI: If network conference is selected, a
	network conference URI is needed to be input.
User Agent	One can customize User Agent field in the SIP message; If
	user agent is set to specific value, user could see the
	information from PCAP. If user agent is not set by default,
	user could see the company name, model number and
	firmware version from PCAP

4.4 Network

4.4.1 Basic

Network-Basic	
LAN Port	
 DHCP Static IP IP Address Subnet Mask Default Gateway LAN DNS1 LAN DNS2 	192.168.35.10 255.255.255.0 192.168.35.1 192.168.35.1
Sections	Description
LAN Port	 To display and configure LAN Port settings. DHCP: If selected, IP phone will get IP address, Subnet Mask, Default Gateway and DNS server address from DHCP server automatically. Static IP: If selected, you have to set IP address, Subnet Mask, Default Gateway and DNS server manually. PPPOE: Use PPPOE username/password to connect to PPPOE server.

4.4.2 Advance

Network-Advanced		
Lo	cal RTP	
Max RTP Port	12000	(1024~65535)
Starting RTP Port	11800	(1024~65535)

Sections	Description
Local RTP	To display and configure Local RTP settings.
	• Max RTP Port: Determine the maximum port that RTP
	stream can use.
	• Min RTP Port: Determine the minimum port that RTP

stream can use.

4.5 Phone

4.5.1 Time/Language

ne/Lang	
	Web Language
Туре	English
	NTP
Time Zone	GMT-0:00 Azores

Sections	Description
Web Language	Choose the suitable web language you need. English by
	default.
NTP	To configure NTP server related settings.
	• Time Zone: To select local Time Zone for NTP server.
	• Primary Server: To configure primary NTP server
	address.
	• Secondary Server: To configure secondary NTP server
	address, it takes effect if primary NTP server is
	unreachable.
	• Update interval: To configure interval between two
	consecutive NTP requests.
	Note: NTP, Network Time Protocol is used to automatically
	synchronized local time with INTERNET time, since NTP
	server only response GMT time, so that you need to specify
	the Time Zone for IP phone to decide the local time.

4.5.2 Call Feature

none-Call Feature	
Ν	1ode Phone
Feature Key Sync	Disabled 🔹
Mode	Phone Ocustom
Fo	rward Transfer
Account	All Account
Always Forward	Enabled 🔹
Target Number	101
On Code	*72
Off Code	*73
Busy Forward	Enabled 🔹
Target Number	102
On Code	*90
Off Code	*91
No Answer Forward	Enabled
No Answer Ring Time	30 🔹
Target Number	103
On Code	*52
Off Code	*53
	DND
DND Emergency	Enabled •
DND Authorized Number	1001
Account	All Account
DND	Disabled •
Return Code When DND	486(Busy Here) •
DND On Code	*78
DND Off Code	*79

Sections	Description
Mode	To enable or disable feature key sync.
	• Feature Key Sync: To enable or disable feature key
	sync.
	 Mode: Select the desired mode.
Forward Transfer	To display and configure Forward setting.
	Note: There are three types of forward: Always Forward,
	Busy Forward and No answer Forward.
	• Always Forward: Any incoming call will be forwarded in
	any situation.
	• Busy Forward: Any incoming call will be forwarded if IP

	phone is busy.
	• No answer Forward: Any incoming call will be
	forwarded if it's no answer after a specific time.
DND	DND (Do Not Disturb) allows IP phones to ignore any
	incoming calls.
	• DND Emergency: the phone from the Authorized
	number can still be received after enable this function.
	• DND Authorized Number: Setup authorized numbers
	for DND Emergency.
	 Account: Select an account for DND
	• DND: Disable by default.
	• Return Code when DND: Determine what responses
	code should be sent back to server when there is an
	incoming call if DND on.
	• DND On Code: The Code used to turn on DND on
	server's side, if configured, IP phone will send a SIP
	message to server to turn on DND on server side if you
	press DND when DND is off.
	• DND Off Code: The Code used to turn off DND on
	server's side, if configured, IP phone will send a SIP
	message to server to turn off DND on server side if you
	press DND when DND is on.

11	itercom		
Active	Enabled	•	
Intercom Mute	Disabled	۲	
Remo	ote Control		
Allowed Access IP List]	
U	ACSTA		
UACSTA Active	Disabled		
Register Name			
Password			
Server IP		1	Port 5060
Control Account	Account 1	•	
Softkey Type	Auto	•	
Softkey Type	Auto	•	
DTMF	#	+	
Doe	or Phone		
Auto Answer DoorPhone Delay	3	(3~30s)
(Others		
Return Code When Refuse	486(Busy Here)		•
Auto Answer Delay	0	(0~5s)
Answer Mode	Audio	•	
Early DTMF	Disabled	•	
DTMF Pause Time	0	(0~120s)
	Fundation at 1		

Sections	Description
Intercom	Intercom allows user to establish a call directly with the
	callee.
	• Active: To enable or disable Intercom feature.
	• Intercom Mute: If enabled, once the call established,
	the callee will be muted.
Remote Control	Remote Control allows specific host to interact with IP
	phone by sending HTTP or HTTPS requests. The specific
	action could be answering an incoming call, hangup an
	ongoing call and so on.
	• Allowed Access IP List: To configure the allowed host
	address.
	• Note: For now, IP phone can only support IP address, IP

	address list and IP address pattern as allowed hosts
UACSTA	Using CSTA for SIP phone user agents. It can control some
	features of calling. UACSTA is used to send ECMA-323(CSTA
	XML) information during SIP calling. The default status is
	disabled
Open Lobby	User can choose which types you need for each key. Akuvox
	IT82 supports 2 types to unlock-DTMF and Relay. DTMF is
	used to unlock the lobby door remotly, Relay is used to
	open the local door.
	Softkey: During the talking, user can press Unlock key to
	open the door.
	Hardware Key: User can also press hardware key to unlock
	the door.
	DIMF: If you choose DIMF code for one unlock key. Please
	setup the DTMF code.
Door Phone	When there is an incoming call from doornhone, setup the
Door Filone	delay auto answer time. IT82 series will auto answer the call
	after the timeout
	Note: if you enable Auto Answer function, this feature will
	he not available
Others	 Return Code When Refuse: Allows user to assign
	specific code as return code to SIP server when an
	incoming call is rejected.
	• Auto Answer Delay: To configure delay time before an
	incoming call is automatically answered.
	• Auto Answer Mode: To set video or audio mode for
	auto answer by default.
	• Early DTMF: Enable or disable early DTMF function
	• Direct IP: Direct IP call without SIP proxy.

4.5.3 Audio

Echo	Canceller	
VAD	Disabled	
CNG	Enabled	•
Automatic Gain Control(Receiving-side)	Disabled	•
Automatic Gain Control(Receiving-side)	Disabled	▼ (1~20dB)
N	etEO	

Sections	Description
Echo Canceller	Echo Canceller: To remove acoustic echo from a voice communication in order to improve the voice quality .
	• VAD(Voice Activity Detection): Allow IP phone to detect the presence or absence of human speech during a call. When detecting period of "silence", VAD replaces that silence efficiently with special packets that indicate silence is occurring. It can facilitate speech processing, and deactivate some processes during non-speech section of an audio session. It can avoid unnecessary coding or transmission of silence packets in VoIP
	applications, saving on computation and network bandwidth.
	 CNG(Comfort Noise Generation): Allow IP phone to generate comfortable background noise for voice communications during periods of silence in a conversation. It is a part of the silence suppression or VAD handling for VoIP technology. CNG, in conjunction with VAD algorithms, quickly responds when periods of
	silence occur and inserts artificial noise until voice activity resumes. The insertion of artificial noise gives the illusion of a constant transmission stream, so that

		background sound is consistent throughout the call and			
		the listener does not think the line has released.			
Automatical	Generation	R48G will auto adjust amplification circuit gain via signal.			
Control		• Automatic Gain Control(Sending-side): Disabled by			
		default			
		• Automatic Gain Control(Receiving-side): Disabled by			
		default			
		• Automatic Gain Control Target: Range from 1 to 20 dB.			
		3dB by default.			
NetEQ		Filter forgetting factor base: Range from 0~255. 250 by default.			

4.5.4 Video

Video					
	Media	Feedback			
NACK		Disabled	•		
Tmmbr		Disabled			
	H264	Settings			
H264 Profile		Base Profile	•		
H264 Level		3.0	•		
IDR Interval		10	(5~100)	
Rate Control		crf	۲		
	0	thore			
	0	ulers	_		
Hardware Endec Accelera	tion	Disabled	۲		
Hardware Decodec Accele	eration	on Enabled T Enabled T High T			
Color Enhancement			۲		
Image Quality			•		
Camera Priority		Internal	•		
Video Call Status		Disabled	•		
Sections		D	Descrip	tion	
Media Feedback	• NA	CK: Enabled it to fi	ilter m	osaic.	
	• Tm	mbr: Send the m	naximu	m temporary rate red	quest.
	Dis	abled by default.			
H264 Settings	H264: A	video stream cor	npress	ion standard. Different	from
	H263, it	t provides an app	roxima	tely identical level of	video
	stream	quality but a half b	oit rate	. This type of compress	sion is

	sometimes called MPEG-4 part 10.	
	To setup corresponding H264 video parameters.	
	• H264 Profile: There are 4 modes-Base Main High	
	Extend profile. Different profiles makes different coding	
	function and video quality.	
	• H264 Level: Different profiles has corresponding Level	
	value.	
	• IDR Interval:IDR means Instantaneous Decoding	
	Refresh. It is used to control the process of coding and	
	decoding.	
	• Rate Control: Choose one H264 video rate.	
Others	• Hardware Endec Acceleration: This function is used to	
	solve the image issue. User can enable the Hardware	
	Endec Acceleration when you need.	
	• Hardware Decodec Acceleration: Disabled by default.	
	• Color Enhancement: To increase the phone display	
	color. Enabled by default.	
	• Image Quality: User can select Low, Middle or High	
	mode.	
	• Camera Priority: IT82 series can connect extra camera.	
	If R48G has 2 cameras , please setup the priority for	
	external camera or internal one.	
	Video Call Status	

4.6 PhoneBook

4.6.1 Local Book

Loca	l Book				-			
Cor	ntact		All Co	ontacts				
Sea	arch					Sea	irch	Reset
Dia	a			17	Auito	• Di	al	
Index	Name	Numb	per 1	Number	2	Number 3	Gr	ouo
1	Tionine	Hame		manneer	÷ .	Hampers		oup.
2								
3								
4								
5								
6								
7								12
8								
0								
9								
9 10 Fage 1 Cor	ntact Setti	ng	Next	Move To	All Conta	acts 🕇 📃 🖸	elste	Delete All
g to Fage 1 Cor	Name Number 1 Number 2 Number 3 Group	Default	Next	Move To	Ali Conta	acts T	Jeliste	Delete All
9 t0 Fage 1 Cor	Name Number 1 Number 2 Number 3 Group	Default Add	Next	Move To	Ali Conta	acts T	Jejišta	Delete All
y to Fage 1 Coi	Name Number 1 Number 2 Number 3 Group	Default Add	Next	Move To Move To Edit Import/E Search	All Conta	acts t	leite	Delete All
y to Fage 1 Cor	Name Number 1 Number 2 Number 3 Group	ng Default Add	Next	Move To Edit Import/En Search Import	Ali Conta	Cancel	Jeliste	Delete All

Sections	Description
Contact	 To display and select local contact type. All Contacts: To display or edit all local contacts. Black List: To display black list contacts.
Search	To search designated contacts from local phonebook.
Dial	To dial out a call or hangup an ongoing call from Web UI. Note : For this feature, you need to have the remote control privilege to control IP phone via Web UI. Please refer to section "Remote Control" in the Web UI->Phone->Call Feature page.
Group	To display or edit Group contacts.
Group Setting	To display or change Group name, related ringtone or description.
Import/Export	To import or export the contact or blacklist file.

4.6.2 Call Log

Cal	Log	-			-		
с	all Histor	y	All	▼ Hand U	p		
Index	Туре	Date	Time	Local Identity	Name	Number	
1	Dialed	2016-11-02	02:12:37	192.168.10.1 23@192.168.1 0.123	192.168.10.123	<u>192.168.10.1</u> 23@192.168.1 <u>0.123</u>	
2	Received	2016-11-02	02:12:37	192.168.10.1 23@192.168.1 0.123	192.168.10.123	<u>192.168.10.1</u> 23@192.168.1 <u>0.123</u>	
3	Dialed	2016-11-02	02:12:23	171@192.168. 10.27:5060	173	173@192.168. 10.27:5060	
4	Dialed	2016-11-02	02:12:15	171@192.168. 10.27:5060	172	172@192.168. 10.27:5060	
5				10027 10000		2012/10000	
6							
7							
8							
9							
10							0
11							
12							
13							
14							B
15							
Pa	ge 1 ▼	Prev	r	Vext	Delete	Delete All	
	Sectio	ons			Description		
Call I	History		To displa Available Received Har pho Note: Fo control p to sectio	y call history re e call history d calls, Missed c ngUp: To click one. or "HangUp" fea orivilege to cont on "Remote Co	cords. types are All alls, Forwarded o to hangup ongo ature, you need crol IP phone via pontrol" in the W	calls, Dialed o calls. Ding call on th to have the rer Web UI. Please of /eb UI->Phone-2	calls, e IP note refer >Call

4.7 Upgrade

4.7.1 Basic

Upgrade-Basic	
Firmware Version Hardware Version	82.0.2.110 1.0
Upgrade	Search Submit Cancel
Reset To Factory Setting	Submit
Reset Config To Factory Setting	Submit
Reboot	Submit

Sections	Description			
Firmware version	To display firmware version, firmware version starts with MODEL name.			
Hardware Version	To display Hardware version.			
Upgrade	To select upgrading zip file from local or a remote server automatically. Note: Please make sure it's right file format for right model.			
Reset to Factory Setting	To enable you to reset IP phone's setting to factory settings.			
Reboot	To reboot IP phone remotely from Web UI.			

4.7.2 Advance

ade-Advanced		
PNP Op	tion	
PNP Config	Enabled	•
DHCP O	otion	
Custom Option		(128~254)
(DHCP Option 66/43 is Enabled by Default)		

Sections	Description					
PNP Option	To display and configure PNP setting for Auto Provisioning.					
	• PNP: Plug and Play, once PNP is enabled, the phone will					
	send SIP subscription message to PNP server					
	automatically to get Auto Provisioning server's address.					
	By default, this SIP message is sent to multicast address					
	224.0.1.75(PNP server address by standard).					
DHCP Option	To display and configure custom DHCP option.					
	• DHCP option: If configured, IP Phone will use					
	designated DHCP option to get Auto Provisioning					
	server's address via DHCP.					
	This setting require DHCP server to support corresponding					
	option.					

URL	http://192.168.10.29
User Name	administrator
Password	•••••
Common AES Key	•••••
AES Key(MAC)	•••••
	Autop Immediately
Au	tomatic Autop Power On
Au Mode Schedule	tomatic Autop Power On Sunday
Au Mode Schedule	Autop Immediately tomatic Autop Power On Sunday 22 Hour(0~23)
Au Mode Schedule	Autop Immediately tomatic Autop Power On Sunday 22 Hour(0~23) 0 Min(0~59)
Au Mode Schedule Clear MD5	Autop Immediately tomatic Autop Power On Sunday 22 Hour(0~23) 0 Min(0~59) Submit

Submit Cancel

Sections	Description					
Manual Auto	To display and configure manual update server's settings.					
	• URL: Auto provisioning server address.					
	• User name: Configure if server needs an username to					
	access, otherwise left blank.					
	• Password: Configure if server needs a password to					
	access, otherwise left blank.					
	• Common AES Key: Used for IP phone to decipher					
	common Auto Provisioning configuration file.					
	• AES Key(MAC): Used for IP phone to decipher					
	MAC-oriented auto provisioning configuration file(for					
	example, file name could be 0c11058888888.cfg if IF					
	phone's MAC address is 0c11058888888).					
	Enter the URL address, then click the AutoP Immediately					
	label ,the phone will according the URL to ask for					
	configuration file to update.					
	Note: AES is one of many encryption, it should be configure					
	only configure filed is ciphered with AES, otherwise left					
	blank.					
Automatic AutoP	To display and configure Auto Provisioning mode settings.					
	This Auto Provisioning mode is actually self-explanatory.					
	For example, mode "Power on" means IP phone will go to					
	do Provisioning every time it powers on.					

5	ystem Log
LogLevel	3 •
Export Log	Export
Remote System Log	Disabled -
Remote System Server	
Ibmit Cancel	
	РСАР
РСАР	PCAP Start Stop Export
PCAP PCAP Auto Refresh	PCAP Start Stop Export Disabled •
PCAP PCAP Auto Refresh	PCAP Start Stop Export Disabled Others
PCAP PCAP Auto Refresh Config File(.tgz/.conf/.cfg)	PCAP Start Stop Export Disabled • Others Search
PCAP PCAP Auto Refresh Config File(.tgz/.conf/.cfg)	PCAP Start Stop Export Disabled * Others Search Export (Encrypted)

Sections	Description
System Log	 To display syslog level and export syslog file. Syslog level:From level 0~7.The higher level means the more specific syslog is saved to a temporary file. By default, it's level 3. Export Log: Click to export temporary syslog file to local PC. Remote System Log: To enable or disable Remote System Log. Remote System Server: To input the syslog server address.
ΡርΑΡ	 To start, stop packets capturing or to export captured Packet file. Start: To start capturing all the packets file sent or received from IP phone. Stop: To stop capturing packets. Export: To export the capture packet file, use capture tool to open the file. Note: IP phone will save captured packets file to a temporary file, this file maximum size is 1M(mega bytes),

•	Config file:	То	export	or	import	configure	file	for	IP
	phone.								

4.8 Security

4.8.1 Basic

Secu	ırity-Basic		
	Web	Password Modify	
	User Name	admin 👻	
	Current Password		
	New Password		
	Confirm Password		
	Ses	sion Time Out	
	Session Time Out Value	300	(60~14400s)

Submit

Sections	Description				
Web Password Modify	To modify user's password.				
	• Current Password: The current password you used.				
	• New Password: Input new password you intend to use				
	• Confirm Password: Repeat the new password.				
	Note: For now, IP phone can only support user admin.				
Session Time Out Value	Over the session time out value, users need to login in the				
	web again.				
	• Session Time Out Value: the ranger is from 60s to				
	14400s.				

Cancel

4.8.2 Advance

		Web Server	Certificate	
Index	Issue To	Issuer	Expire Time	Delete
1	Akuvox	Akuvox	Sun Oct 9 16:00:00 2034	Delete
I Web S	AKUVOX Server Certifica	Akuvox ite Upload	Sun Oct 9 16:00:00 2034	Dei
		•		-

Sections	Description
Web Server Certificate	To display or delete Certificate which is used when IP phone
	is connected from any incoming HTTPs request.
	Note: The default certificate could not be deleted.

Client Certificate

Index	Issue To	Issuer	Expire Time	10
1	AK	Akuvox	Sun May 28 06:21:54 2014	0
2				
3				10
4				
5				0
6				
7				13
8				
9				E
10				E
Client	Certificate Uploa	d	Cancel	
Index			Auto -	
Se	arch	Submit Cancel		
Onl	y Accept Trusted Certil	Disabled -		

Sections	Description			
Web Server Certificate	To upload a certificate file which will be used as server			
Upload	certificate.			
Client Certificate	To display or delete Certificates which is used when IP phone			
	is connecting to any HTTPs server.			
Client Certificate Upload	To upload certificate files, this is used as client certificate.			
	• Only Accept trusted Certificates: If this option is enabled,			
	only trusted certificates will be accepted.			