

## Yealink W52P/W56P IP DECT Phone Release Notes of Version 81

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Yealink W52P/W56P IP DECT Phone Release Notes of Version 25.81.0.60

## 1. Introduction

• Firmware Version:

Base for W52P/W56P: 25.81.0.30 upgrades to 25.81.0.60.

- Applicable Models: Base for W52P/W56P
- Release Date: Sept 9<sup>th</sup>, 2019.

### 2. New Features

None

## 3. Optimization

None

### 4. Bug Fixes

1. Fixed an issue that the failure of RSA encryption and decryption may result in the inaccessibility to the web user interface.



## Yealink W52P/W56P IP DECT Phone Release Notes of Version 25.81.0.30

## **1. Introduction**

• Firmware Version:

Base for W52P/W56P: 25.81.0.10 upgrades to 25.81.0.30.

- Applicable Models: Base for W52P/W56P
- Release Date: Sept 14<sup>th</sup>, 2018.

### 2. New Features

1. Supported TLS v1.2.

## 3. Optimization

None

### 4. Bug Fixes

None



## Yealink W52P/W56P IP DECT Phone Release Notes of Version 25.81.0.10

## **1. Introduction**

• Firmware Version:

Base for W52P/W56P: 25.80.0.10 upgrades to 25.81.0.10.

W56H: 61.80.0.15 upgrades to 61.81.0.30.

W52H: 26.73.0.40 upgrades to 26.81.0.30.

- Applicable Models: Base for W52P/W56P, W56H, W52H
- Release Date: Sept 25<sup>th</sup>, 2017.

### 2. New Features

- 1. Added a new Auto-P (Auto Provisioning) mechanism, including how to upgrade the firmware, how to import and export CFG configuration files, how to backup contacts, etc.
- 2. Added the feature of Multicast Paging.
- 3. Added the feature of Emergency Dialplan.
- 4. Added the feature that you can enable the IP DECT phone to encrypt <MAC>-local.cfg file using the plaintext AES key.
- 5. Added the feature of Manual NAT (Static NAT) and ICE.
- 6. Added the feature that if the server.url is changed, then the phone will do the auto-provisioning automatically.
- 7. Added the feature of Call Park.
- 8. Added the feature of Ringer Device for Headset.
- 9. Added the feature of Number of Registered Handsets.

## 3. Optimization

- 1. Optimized the feature of Upgrading Firmware.
- 2. Optimized the feature of Redirection and Provisioning Service (RPS).
- 3. Optimized the feature of Network conference.
- 4. Optimized the feature of Audio Codec Configuration.

- Yealink
- 5. Optimized the feature of Time and Date.
- 6. Optimized the Status item in the web user interface.
- 7. Optimized the feature that the last four characters of MAC address will be included as a part of base ID, for example, Base1 FCC5.
- 8. Optimized the feature of Viewing Log Files.
- 9. Optimized the feature of 802.1X Authentication.
- 10. Optimized the feature that the LCD screen will be turned off if the handset is in the idle state for 30 minutes.

## 4. Bug Fixes

 Fixed the issue that you cannot input the password with special characters, including \*.,'?!\-()@/:\_;+&%=<> £ \$¥¤[]{}~^i¿§#"|.

## 5. New Features Descriptions

1. Added a new Auto-P (Auto Provisioning) mechanism, including how to upgrade the firmware, how to import and export CFG configuration files, how to backup contacts, etc.

#### **Description:**

### I. Auto Provisioning Deployment Mechanism

(1) Users can use Boot Files to provision the phones. The boot files are valid BOOT files that can be created or edited using a text editor such as UltraEdit. The boot files are first downloaded when you provision the phones using centralized provisioning (refer to Central Provisioning). You can reference some configuration files in the boot files (including features.cfg and network.cfg) to be acquired by all your phones and specify the download sequence of these configuration files.

**Note:** If you use Boot Files to provision the phones, the overwrite mode and layer mechanism will be enabled by default.

(2) If there is no any Boot Files, the phone will use the old Auto-P mechanism to download the Y00000000xx.cfg and mac.cfg files as before.

### II. Overwrite Mode

The overwrite mode will be applied to the configuration files specified to download. If the value of a parameter in configuration files is deleted or



commented out, the factory default value can take effect immediately after auto provisioning. Overwrite mode doesn't affect the non-static settings configured via web/phone user interface. After auto provisioning, non-static setting of the configuration item in the <MAC>-local CFG file will be written and saved to the IP phone system.

#### **III. Layering Mechanism for Reset**

If *static.auto\_provision.custom.protect* is set to 1 (Enabled), personalized settings configured via web or phone user interface will be kept after auto provisioning. There are three layers: Local, Auto Provision and Static which includes five ways to reset the phone:

**Reset local settings:** All configurations saved in the <MAC>-local.cfg configuration file on the IP phone will be reset.

**Reset non-static settings:** All configurations except the static configurations on the phone will be reset.

**Reset static settings:** All static configurations on the phone will be reset. **Reset userdata & local config:** All the local cache data (e.g., userdata, history, directory) will be cleared.

Reset to factory: All configurations on the phone will be reset.

**To clear personalized configuration settings via web user interface:** Click on Settings -> Upgrade.

Yealink W52P			Log Out English(English) <del>-</del>
	Status Account Network	Features Settings Directory	Security
Preference	Version		NOTE
Time & Date Call Display	Firmware Version Hardware Version	25.81.0.10	Reset to Factory Setting Resets the IP phone to factory configurations.
Upgrade	Reset		Reboot Reboots the IP phone.
Auto Provision	Reset local settings Reset non-static settings	Reset local settings Reset non-static settings	Upgrading Firmware Upgrades firmware manually.
Configuration Dial Plan	Reset static settings Reset userdata & local config	Reset static settings Reset userdata & local config	You can click here to get more guides.
Voice	Reset to factory	Reset to factory	
Tones	Select And Upgrade Firmware	Browse <sup></sup> No file selected.	
Voice Monitoring	Select and Upgrade Handset Firmware	Upgrade Browse No file selected.	
SIP		Upgrade	

#### **IV. Import CFG Configuration Files**

Users can import CFG configuration files via web user interface and all the configuration will be taken effect on your IP phones. The imported



configuration belongs to Local layer.

#### To import CFG configuration files via web user interface:

Click on Settings -> Configuration.

Yealink   W52P W56P	Status Account Network	Features Settings Directory	Log Out English(English) • Security
Preference	Export or Import Configuration	Browse*** No file selected.	NOTE
Time & Date		Import Export	Configuration
Call Display	Export CFG Configuration File	Local Settings	IP phones can provide feedback in a variety of forms such as log files, packets, status indicators
Upgrade	Export Cro configuration rile		and so on, which can help an administrator more easily find the system problem and fix it.
Auto Provision	Import CFG Configuration File	Browse No file selected Import	· Log Files
Configuration			Capturing Packets     Configuration File
Dial Plan	Pcap Feature	Start Stop Export	(*.cfg/*.bin)

#### V. Export CFG Configuration Files

Users can export all the CFG configuration files via web user interface, including MAC-local.cfg, MAC-config.cfg, MAC-non-static.cfg, MAC-static.cfg and MAC-all.cfg.

**To export CFG configuration files via web user interface:** Click on Settings -> Configuration.

Yealink   W52P W56P	Status Account Network	Features Settings Directory	Log Out English(English) • Security
Preference	Export or Import Configuration	Browse*** No file selected.	NOTE
Time & Date		Import Export	Configuration IP phones can provide feedback
Call Display	Export CFG Configuration File	Local Settings   Export	in a variety of forms such as log files, packets, status indicators and so on, which can help an
Upgrade			administrator more easily find the system problem and fix it.
Auto Provision	Import CFG Configuration File	Browse No file selected Import	<ul> <li>Log Files</li> <li>Capturing Packets</li> </ul>
Configuration Dial Plan	Pcap Feature	Start Stop Export	· Configuration File (*.cfg/*.bin)

#### **VI. Flexible Auto Provision**

The IP phone performs the auto provisioning process at a random time on a random day within a specific period of time. The random day is calculated on the basis of the phone's MAC address. You can specify an interval and configure what time of the day to trigger the IP phone to perform the auto provisioning process.

#### To configure this feature via web user interface:

Click on Settings -> Auto Provision



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	Status Account Netv	work Features Settings	Directory Security
Preference	Auto Provision		NOTE
ime & Date	PNP Active DHCP Active	● On ◎ Off ● On ◎ Off	Auto Provision The IP phone can interoperate
Call Display	Custom Option(128~254)		with provsioning server using auto provisioning for deploying
Ipgrade	DHCP Option Value	yealink	the IP phones.
uto Provision	Server URL	M7:wui.quick_login = 1	When the IP phone triggers to perform auto provisioning, it wi
Configuration	User Name Password	•••••	request to download the configuration files from the provisioning server. During the
Dial Plan	Attempt Expired Time(s)	5	auto provisioning process, the IP phone will download and
/oice	Common AES Key	•••••	update configuration files to the phone flash.
ones	MAC-Oriented AES Key	•••••	You can click here to get
R069	Power On	On Off	more guides.
		•	
/oice Monitoring		:	
SIP	Flexible Auto Provision	🖲 On 🔘 Off	
	Flexible Interval Days	30	
	Flexible Time	02 : 00 :	
		Auto Provision Now	

#### For example:

#### File Template for y00000000000.boot:

#!version:1.0.0.1
## The header above must appear as-is in the first line

include:config <xxx.cfg>
include:config "xxx.cfg"

#### overwrite\_mode = 1

## The parameters in the auto provision template are described as follows:

static.auto\_provision.flexible.enable =
static.auto\_provision.flexible.interval =
static.auto\_provision.flexible.begin\_time =
static.auto\_provision.flexible.end\_time =
static.network.dhcp.option60type =
static.auto\_provision.attempt\_before\_failed =
static.auto\_provision.retry\_delay\_after\_file\_transfer\_failed =
static.auto\_provision.custom.sync.path =



static.auto\_provision.server.type =
static.auto\_provision.user\_agent\_mac.enable =
static.auto\_provision.custom.protect =
static.auto\_provision.custom.sync =
static.auto\_provision.custom.upload\_method =
For more information, please refer to
Yealink IP DECT Phone Administrator Guide\_V81\_10

#### 2. Added the feature of Multicast Paging.

**Description:** Multicast paging allows IP DECT phones to send/receive Real-time Transport Protocol (RTP) streams to/from the pre-configured multicast address(es) on the desired channel without involving SIP signaling. Up to 31 listening multicast addresses can be specified on the IP DECT phone.

#### To configure the multicast paging via web user interface:

	Status	Account	Network	Features	Settings	Directo	ry	Security
Local Directory	Multicast Lis	tening						NOTE
Remote Phone		Paging Barge		13	•			Multicast Paging
Book		Paging Priority	Active	Enabled	•			Multicast paging allows IP phones to send/receive
LDAP	IP Addr	ess Li	stening Address	Label	Char	inel Priority		Real-time Transport Protocol (RTP) streams to/from the
Multicast IP	1 IP Add	iress 224.	5.6.20:10008	dd	1	• 1	-	pre-configured multicast address(es) without involving
Setting	2 IP Add	lress			0	<b>-</b> 2	E	SIP signaling. Up to 10 listenin multicast addresses can be
Secury	3 IP Add	lress			0	<b>▼</b> 3		specified on the IP phone.
	4 IP Ado	lress			0	<b>-</b> 4		You can click here to get
	5 IP Add	lress			0	<b>▼</b> 5		more guides.
	6 IP Add	lress			0	• 6		
	7 IP Add	lress 224.	1.6.25:1001	hh	1	• 7		
	8 IP Add	lress			0	• 8		
	9 IP Add	lress			0	<b>▼</b> 9		
	10 IP Ad	dress			0	<b>→</b> 10	-	
	Paging List							
	Inde	K I	Paging Address	Label	Char	inel		
	1				0	•	<b>^</b>	
	2	224.	1.6.25:1001	ff	1	-	E	
	3	224.	5.6.20:10008	aa	1	-		

Click on Directory -> Multicast IP.

The parameters in the auto provision template are described as follows:

*multicast.codec = multicast.paging\_address.X.ip\_address = multicast.paging\_address.X.label =* 



multicast.paging\_address.X.channel =
multicast.listen\_address.X.ip\_address =
multicast.listen\_address.X.label =
multicast.listen\_address.X.channel =
multicast.listen\_address.X.volume =
multicast.receive.use\_speaker =
For more information, please refer to the
Yealink IP DECT Phone Administrator Guide\_V81\_10

#### 3. Added the feature of Emergency Dialplan.

**Description:** Emergency dialplan allows users to dial the emergency telephone number (emergency services number) at any time when the IP phone is powered on and has been connected to the network. It is available even if your phone keypad is locked or no SIP account has been registered.

The parameters in the auto provision template are described as follows:

dialplan.emergency.asserted\_id\_source = dialplan.emergency.custom\_asserted\_id = dialplan.emergency.server.x.address = dialplan.emergency.server.x.port = dialplan.emergency.server.x.transport\_type = dialplan.emergency.x.value = dialplan.emergency.x.server\_priority =

4. Added the feature that you can enable the IP DECT phone to encrypt <MAC>-local.cfg file using the plaintext AES key.

**Description:** When you enable this feature, the MAC-local CFG file is uploaded encrypted and replaces the one (encrypted or unencrypted) stored on the server if you have configured to back up the MAC-local CFG file to the server by the parameter "static.auto\_provision.custom.sync". The plaintext AES key is configured by the parameter "static.auto\_provision.aes\_key\_16.mac".

The parameters in the auto provision template are described as follows:

static.auto\_provision.encryption.config =



#### 5. Added the feature of Manual NAT (Static NAT) and ICE.

**Description:** Manual NAT helps IP connections traverse NAT gateways without the third-party network server (STUN/TURN server). If manual NAT feature is enabled, the configured public IP address and port can be carried in the SIP requests or RTP packets, in which the other party obtains the phone's public address. It is useful to reduce the cost the company's network deployment. You can also enable the ICE feature via web user interface. In an ICE environment, two IP phones communicating at different locations are able to communicate via the SIP protocol by exchanging Session Description Protocol (SDP) messages.

#### To configure manual NAT via web user interface:

Click on Network -> NAT

ealink w52P					Log C English(English)
NO GAIN IN TWO OP	Status	Account Network	Features Settings	Directory	Security
Basic	Nat Manua	I			NOTE
NAT		Active IP Address			Network NAT
Advanced	ICE				You can click here to get more guides.
		Active	Disabled	•	, in the second s
	STUN				

#### To configure ICE feature via web user interface:

Click on Network -> NAT

Yealink   W52P W56P	Status	count Network	Features	Settings	Directory	Log Ou English(English) - Security
Basic	Nat Manual					NOTE
NAT		Active IP Address	Disabled	·		Network NAT
Advanced	ICE					You can click here to get more guides.
		Active	Disabled	•	]	more guides.
	STUN					

The parameters in the auto provision template are described as follows:

*ice.enable = sip.nat\_turn.enable = sip.nat\_turn.server = sip.nat\_turn.password = sip.nat\_turn.port =* 



#### 6. Added the feature of Call Park.

**Description:** Call park allows users to park a call on a special extension and then retrieve it from another phone (for example, a phone in another office or conference room). This feature depends on support from a SIP server. It is not applicable to W52H handset. Call park feature supports the following two modes: FAC mode and Transfer mode.

#### To configure call park feature via web user interface:

Log Ou Yealink W52P Status Network Features Settings Directory Security Account Call Park NOTE Forward&DND Call Park Mode FAC Directed Call Pickup Picks up an incoming call on a specific extension. General Call Park Enabled Information Call Park Code \*68 Audio Directed Call Pickup Picks up incoming calls within a pre-defined group. Park Retrieve Code \*68 Transfer Confirm Cancel Call Pickup You can configure directed/group call pickup feature for the IP phone. Phone Lock Visual Alert for BLF Pickup Power I FD It allows the supervisor's ph to display a visual prompt when the monitored user receives an incoming call. Audio Alert for BLF Pickup

Click on Features -> Call Pickup

## The parameters in the auto provision template are described as follows:

features.call\_park.park\_mode =
features.call\_park.enable =
features.call\_park.park\_code =
features.call\_park.park\_retrieve\_code =

#### 7. Added the feature of Ringer Device for Headset.

**Description:** The IP DECT phones support speaker and headset ringer devices. The feature of Ringer Device for Headset allows users to configure which ringer device to be used when receiving an incoming call. For example, if the ringer device is set to Headset, ring tone will be played through the connected headset. If the headset is not connected, ring tone will be played through speaker.

# The parameters in the auto provision template are described as follows:

features.ringer\_device.is\_use\_headset =



#### 8. Added the feature of Number of Registered Handsets.

**Description:** Number of registered handsets allows you to configure the number of handsets registered to one base. Up to 5 handsets can be registered to one base. You can limit that how many handsets can be registered to one base station.

## The parameters in the auto provision template are described as follows:

phone\_setting.max\_number\_of\_handset =

## 6. Optimization Descriptions

#### **1.** Optimized the feature of Upgrading Firmware.

**Description:** If you want to perform OTA upgrade via auto provisioning, you can use Handset trigger feature, which allows OTA upgrade for handset to be triggered automatically. It is only applicable when the current handset firmware is different with the one on provisioning server. When the handset is registered to a base or turned on successfully, handset trigger feature forces the handset fulfilling prerequisites to perform OTA upgrade.

The parameters in the auto provision template are described as follows:

over\_the\_air.url.w52h = over\_the\_air.url.w56h =

#### 2. Optimized the feature of Redirection and Provisioning Service (RPS).

**Description:** When you use Redirection and Provisioning Service (RPS), the phone will pop up an authentication window, allowing you to input the authentication information.

#### 3. Optimized the feature of Network conference.

**Description:** You can configure the network conference type, Local Conference or Network Conference, manually.

The parameters in the auto provision template are described as follows:

account.X.conf\_type =



#### 4. Optimized the feature of Audio Codec Configuration.

**Description:** Yealink IP phones running firmware version 81 or later support a new configuration behavior for the audio codecs. It is more efficiently for you to provision a number of different IP phone modules. The configuration parameters are different for the new configuration behavior and the older one. For more information, please refer to the

Yealink IP DECT Phone Administrator Guide\_V81\_10

The parameters in the auto provision template are described as follows:

account.X.codec.<payload\_type>.enable =
account.X.codec. <payload\_type>.priority =
account.X.codec. <payload\_type>.rtpmap =

#### 5. Optimized the feature of Time and Date.

**Description:** Added a new format of date string. For example, if you configure the format as "W,MD", then the handset will display the date in "Wed,0402".

The parameters in the auto provision template are described as follows:

lcl.datetime.date.format =

#### 6. Optimized the Status item in the web user interface.

**Description:** Added three items for Status in the web user interface: (1) Device Certificate; (2) Uptime: The duration from start-up to now.

The web user interface is shown as below:

# Yealink

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	Status	Account	Network	Features	Settings	Directory	Security
atus	Ň	Version					NOTE
andset&VoIP		Firmware Version		25.81.0.10			Version
musetavorp		Hardware Version		25.1.0.0.0.	0.0		It shows the version of firmwa
	1	Device Certificate					and hardware.
		Device Certificate		Factory Inst	alled		Network It shows the network settings
		Network			1		of Internet (WAN) port.
		Internet Port		IPv4			Account It shows the registration statu
	1	IPv4					of SIP accounts.
		WAN Port Type		DHCP			You can click here to get
		WAN IP Address		10.15.6.31			more guides.
		Subnet Mask		255.255.25	5.0		
		Gateway		10.15.6.254	1		
		Primary DNS		192.168.1.2	20		
		Secondary DNS		192.168.1.2	22		
		Network Common					
		MAC Address		001565A9A	26E		
		WAN Port Status		100Mbps Fu	II Duplex		
	1	Uptime		1 days 05:4	6		

## The parameters in the auto provision template are described as follows:

features.display\_method\_on\_dialing =

#### 7. Optimized the feature of Viewing Log Files.

**Description:** In version 81, the log files are divided into local log files (including sys.log file and boot.log file) and syslog files. For the syslog files, (1) you can configure the transport type as UDP, TCP or TLS; (2) you can configure the facility that generates the log messages; (3) you can enable or disable the IP phone to prepend the MAC address to the log messages exported to the syslog server. In addition, you can also configure the IP phone to send syslog messages to a syslog server in real time.

#### To export the system log to a local PC via web user interface:

Click on Settings -> Configuration



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Yealink W52P			Log Out English(English) V
	Status Account Network	Features Settings Directory	Security
Preference	Export or Import Configuration	浏览	NOTE
Time & Date		Import Export	Configuration IP phones can provide feedback
Call Display	Export CFG Configuration File	Local Settings V Export	in a variety of forms such as log files, packets, status indicators and so on, which can help an
Upgrade			administrator more easily find the system problem and fix it.
Auto Provision	Import CFG Configuration File	浏览 Import	<ul> <li>Log Files</li> <li>Capturing Packets</li> </ul>
Configuration			· Configuration File (*.cfg/*.bin)
Dial Plan	Pcap Feature	Start Stop Export	You can click here to get more quides.
Voice	Local Log		
Tones	Enable Local Log	Enabled V	
TR069	Local Log Level	6 🗸	
Voice Monitoring	Max Log File Size (256-1024KB)	256	
SIP	Export Local Log	sys.log V Export	
	Syslog		
	Enable Syslog	Enabled V	

To configure the phone to export the system log to a syslog server via web user interface:

			Log Out
Yealink W52P			English(English) V
	Status Account Network	Features Settings Directory	Security
Preference	Export or Import Configuration	浏览	NOTE
		Import Export	Configuration
Time & Date			IP phones can provide feedback in a variety of forms such as log
Call Display	Export CFG Configuration File	Local Settings	files, packets, status indicators and so on, which can help an
Upgrade	Export of a configuration rife	Local Sciangs	administrator more easily find the system problem and fix it.
			· Log Files
Auto Provision	Import CFG Configuration File	浏览 Import	Capturing Packets
Configuration			<ul> <li>Configuration File (*.cfg/*.bin)</li> </ul>
Dial Plan	Pcap Feature	Start Stop Export	You can click here to get
			more guides.
Voice	Local Log		
Tones	Enable Local Log	Enabled V	
TR069	Local Log Level	6 🗸	
Voice Monitoring	Max Log File Size (256-1024KB)	256	
-	Export Local Log	sys.log V Export	
SIP	Syslog		
	Enable Syslog	Enabled	
	Syslog Server	10.3.5.21 Port 514	
	Syslog Transport Type		
	Syslog Level	6 ~	
	Syslog Facility		
	Syslog Prepend MAC	Disabled	

Click on Settings -> Configuration.

The parameters in the auto provision template are described as follows:

static.syslog.enable =
static.syslog.level =



static.syslog.transport\_type =
static.syslog.prepend\_mac\_address.enable =
static.syslog.facility =
static.auto\_provision.local\_log.backup.enable =
static.auto\_provision.local\_log.backup.path =
static.auto\_provision.local\_log.backup.upload\_period =
static.auto\_provision.local\_log.backup.append =
static.auto\_provision.local\_log.backup.append.limit\_mode =
static.auto\_provision.local\_log.backup.append.max\_file\_size =
static.auto\_provision.local\_log.backup.bootlog.upload\_wait\_time =

#### 8. Optimized the feature of 802.1X Authentication.

**Description:** (1) Added a mode of Anonymous Identity. (2) If you choose EAP-FAST as 802.1x Mode, you can choose Unauthenticated Provisioning as your Provisioning Mode. (3) You can specify the 802.1X authentication method, where EAP-NONE means no authentication in this new version, same as Disabled in the previous version.

#### **To configure the 802.1X authentication via web user interface:** Click on Network -> Advanced.

Yealink W52P					Log Out English(English) V
	Status Account	Network Fea	atures Settings Di	rectory Security	/
Basic	LLDP			NOTE	
NAT		Active Packet Interval (1~3600s)	Enabled V		to logically divide a etwork into several
Advanced	VLAN			broadcast membersh	domains. VLAN hip can be configured
	WAN Port	Active	Disabled V		oftware instead of relocating devices or
		VID (1-4094)	1		y of VLAN assignment
		Priority	0 ~	lowest) :L	rom highest to LDP/CDP->manual ion->DHCP VLAN
	802.1x	:		technique maintain I	ersal eral term for s that establish and P connections NAT gateways, STUN
	802.11	802.1x Mode	EAP-None 🗸		he NAT traversal
		Provisioning Mode	Unauthenticated Provisior 🗸	You can co for the IP	onfigure NAT traversal
		Anonymous Identity		Quality o	f Service (QoS)
		Identity		different p	pility to provide priorities for different the network, allowing
		MD5 Password	Pro	the transp	ort of traffic with quirements.
		CA Certificates	Upload	Web Serv	ver Type
		Device Certificates	Upload	wse It determi and port o user interf	nes access protocol f the IP phone's web ace.



## 7. Configuration Parameters Enhancements

Auto Pro	Auto Provision Template Flies Change Log									
Firmware Version: [25.80.0.10]-[25.81.0.10]										
Feature	Provision Comparis 25.80.0.	ning syntax son	Permitted	Defaul t Value	Action	Description	File			
	25.80.0. 10	25.81.0.10	Values	t value						
Features_ Audio Settings		features.ring er_device.is_ use_headset =	0 or 1	0	Add	It configures the ringer device for the IP DECT phone. 0-Use Speaker 1-Use Headset	common .cfg			
Upgrade Method		over_the_air. url.w52h =	within 511 characters	Blank	Add	It configures the access URL of the W52H handset firmware file. Example: over_the_air.url.w52h = http://192.168.1.20/26.81. 0.1.rom Note: The priority of parameter "over_the_air.url.w52h" is higher than "over_the_air.url".	common .cfg			
Upgrade Method		over_the_air. url.w56h =	within 511 characters	Blank	Add	Configures the access URL of the W56H handset firmware file. Example: over_the_air.url.w56h = http://192.168.1.20/61.80. 0.1.rom Note: The priority of parameter "over_the_air.url.w56h" is higher than "over_the_air.url".	common .cfg			
Call		account.x.si	1, 2, 3 or 4	4	Add	It configures the number	MAC.cfg			



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Retriction	multaneous_ outgoing.nu m =				of simultaneous outgoing calls for account X on a base. Note: The IP DECT Phone supports up to 4 simultaneous calls.	
Handset Restrictio n	phone_setti ng.max_num ber_of_hand set =	1, 2, 3, 4 or 5	5	Add	It configures the number of handsets registered to one base.	common .cfg
Time	Icl.datetime. date.format =	String	Blank	Add	It configures the format of date string. Y = year, M = month, D = day, W = day of week Value formats are: - Any combination of W, M, D and the separator (e.g., space, dash, slash). Example: Icl.datetime.date.format = W,MD The IP DECT phone will display the date in "W,MD" format (e.g., Wed,0420). - Any combination of Y, M, D, W and the separator (e.g., space, dash, slash). Example: Icl.datetime.date.format = YYYY-MMM-DDD-WWW The IP DECT phone will display the date in "YYYY-MMM-DDD-WWW " format (e.g., 2016-Apr-20-Wednesday) Note: "Y"/"YY" represents a two-digit year, more than two "Y" letters (e.g., YYYY) represent a	MAC.cfg



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					four-digit year, "M"/"MM" represents a two-digit month, "MMM" represents the abbreviation of the month, three or more than three "M" letters (e.g., MMM) represent the long format of the month, one or more than one "D" (e.g., DDD) represents a two-digit day, "W"/"WW" represents the abbreviation of the day of week, three or more three "W" letters (e.g., WWW) represent the long format of the day of week. It works only if the value of the parameter "auto_provision.handset_c onfigured.enable" is set to 1 (Enabled).	
SIP	sip.requestu ri.e164.addg lobalprefix =	0 or 1	0	Add	It enables or disables the IP DECT phone to add a global prefix "+" to the E.164 user parts in SIP: URI. 0-Disabled 1-Enabled If it is set to 1 (Enabled), the IP DECT phone will automatically add a prefix "+" to the number in the E.164 format when you dial using the SIP URI (e.g., 862512345000@sip.com).	common .cfg
Features_ DTMF	features.dtm f.duration =	Integer from 0 to 300	100	Add	It configures the duration time (in milliseconds) for each digit when a sequence of DTMF tones is played out automatically.	common .cfg



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					Note: If the time interval between two DTMF digits is less than this value, two or more same DTMF digits could be identified as one DTMF digit. This may cause the loss of one or more DTMF digits. For example, 2662 may be identified as 262. If so, you can modify the value of this parameter to a little lower than the default value.	
Features_ Audio Settings	features.call. dialtone_tim e_out =	Integer greater than or equal to 0	60	Add	It configures the duration time (in seconds) that a dial tone plays before a call is dropped. Example: features.call.dialtone_time _out = 30 The IP phone will stop playing the dial tone in 30 seconds when on the dialing screen and return back to the idle screen. If it is set to 0, the call is not dropped.	common .cfg
Autop_Pr otect	static.auto_p rovision.cust om.protect =	0 or 1	0	Add	It enables or disables the IP DECT phone to protect personalized settings after auto provisioning. 0-Disabled 1-Enabled If it is set to 1 (Enabled), <mac>-local.cfg file generates and personalized non-static settings configured via web or handset user interface will be kept after auto provisioning.</mac>	common .cfg



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					Note: The provisioning	
					priority mechanism	
					(handset/web user	
					interface > central	
					provisioning >factory	
					defaults) takes effect only	
					if the value of this	
					parameter is set to 1	
					(Enabled). If the value of	
					the parameter	
					"overwrite_mode" is set to	
					1 in the boot file, the	
					value of this parameter will be forced to set to 1	
					(Enabled).	
					It configures the	
					anonymous identity (user	
					name) for 802.1X	
					authentication.	
					It is used for constructing	
					a secure tunnel for 802.1X	
	static.networ	String within			authentication.	
802.1X	k.802_1x.ano	512	Blank	Add	Example:	common
	nymous_ide	characters			static.network.802_1x.ano	.cfg
	ntity =				nymous_identity =	
					user@yealink.com	
					Note: It works only if the	
					value of the parameter	
					"static.network.802_1x.mo	
					de" is set to 2, 3, 4, 5, 6 or	
					7.	
					It configures the EAP	
					In-Band provisioning	
					method for EAP-FAST.	
					0-Unauthenticated	
	static.networ				Provisioning	
802.1X	k.802_1x.eap	0 or 1	0	Add	1-Authenticated	common
	_fast_provisi on_mode =				Provisioning	.cfg
					If it is set to 0	
					(Unauthenticated	
					Provisioning), EAP In-Band	
					provisioning is enabled by	
					provisioning is enabled by	



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					server unauthenticated PAC (Protected Access Credential) provisioning using anonymous Diffie-Hellman key exchange. If it is set to 1 (Authenticated Provisioning), EAP In-Band provisioning is enabled by server authenticated PAC provisioning using certificate based server authentication. Note: It works only if the value of the parameter "static.network.802_1x.mo de" is set to 7 (EAP-FAST).	
Syslog	static.local_l og.enable =	0 or 1	1	Add	It enables or disables the IP DECT phone to record log locally. 0-Disabled 1-Enabled If it is set to 0 (Disabled), the IP DECT phone will stop recording log to the log files ( <mac>-boot.log and <mac>-sys.log) locally. The log files recorded before are still kept on the phone. If it is set to 1 (Enabled), the IP DECT phone will continue to record log to the log files (<mac>-boot.log and <mac>-sys.log) locally. You can export the local log files to the provisioning server or a specific server or the local system.</mac></mac></mac></mac>	common .cfg



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					Note: We recommend you not to disable this feature.	
Syslog	static.local_l og.level =	Integer from 0 to 6	3	Add	It configures the lowest level of local log information to be rendered to the <mac>-sys.log file. When you choose a log level, you are including all events of an equal or higher severity level and excluding events of a lower severity level. The logging level you choose determines the lowest severity of events to log. 0-system is unusable 1-action must be taken immediately 2-critical condition 3-error conditions 4-warning conditions 5-normal but significant condition 6-informational</mac>	common .cfg
Syslog	static.local_l og.max_file_ size =	Integer from 256 to 1024	256	Add	It configures the maximum size (in KB) of the log files ( <mac>-boot.log and <mac>-sys.log) can be stored on the IP DECT phone. When this size is about to be exceeded, (1) If the local log files are configured to be uploaded to the server by the parameter "static.auto_provision.local _log.backup.enable", the IP DECT phone will clear</mac></mac>	common .cfg



—			1		www.yealink.com	
					all the local log files on the phone once successfully backing up. (2) If the value of the parameter "static.auto_provision.local _log.backup.enable" is set to 0 (Disabled), the IP DECT phone will erase half of the logs from the oldest log information on the phone. Example: static.local_log.max_file_si ze = 1024	
Syslog	static.syslog. enable =	0 or 1	0	Add	It enables or disables the IP DECT phone to upload log messages to the syslog server in real time. 0-Disabled 1-Enabled	common .cfg
Syslog	static.syslog. level =	Integer from 0 to 6	3	Add	It configures the lowest level of syslog information that displays in the syslog. When you choose a log level, you are including all events of an equal or higher severity level and excluding events of a lower severity level. The logging level you choose determines the lowest severity of events to log. 0-Emergency: system is unusable 1-Alert: action must be taken immediately 2-Critical: critical conditions 3-Critical: error conditions 4-Warning: warning	common .cfg



			1	1	www.yealink.com	
					conditions 5-Warning: normal but significant condition 6-Informational: informational messages	
Syslog	static.syslog. transport_ty pe =	0, 1 or 2	0	Add	It configures the transport protocol that the IP DECT phone uses when exporting log messages to the syslog server. 0-UDP 1-TCP 2-TLS	common .cfg
Syslog	static.syslog. prepend_ma c_address.en able =	0 or 1	0	Add	It enables or disables the IP DECT phone to prepend the MAC address to the log messages exported to the syslog server. 0-Disabled 1-Enabled	common .cfg
Syslog	static.syslog. facility =	Integer from 0 or 23	16	Add	It configures the facility that generates the log messages. 0-kernel messages 1-user-level messages 2-mail system 3-system daemons 4-security/authorization messages (note 1) 5-messages generated internally by syslogd 6-line printer subsystem 7-network news subsystem 8-UUCP subsystem 9-clock daemon (note 2) 10-security/authorization messages (note 1) 11-FTP daemon	common .cfg



Syslog I I I I I I I I I I I I I I I I I I I						www.yealink.com	,
Syslogstatic.auto_p rovision.loca u_log.backup .enable =0 or 1014-log alert (note 1) 15-clock daemon (note 2) 16-local use 0 (locall) 17-local use 0 (locall) 17-local use 0 (locall) 18-local use 2 (local2) 19-local use 3 (local3) 20-local use 4 (local4) 21-local use 5 (local5) 22-local use 7 (local7) Note: For more information, refer to RFC 3164.Syslogstatic.auto_p rovision.loca Ulog.backup .enable =0 or 100111 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>12-NTP subsystem</td><td></td></t<>						12-NTP subsystem	
Syslogstatic.auto_p rovision.loca Llog backup enable =0 or 1015-dock daemon (note 2) 16-local use 0 (local(0) 17-local use 1 (local1) 18-local use 2 (local2) 19-local use 3 (local3) 20-local use 4 (local4) 21-local use 5 (local5) 23-local use 7 (local7) Note: For more information, refer to RFC 3164.Syslogstatic.auto_p rovision.loca Llog backup enable =0 or 1011 <td></td> <td></td> <td></td> <td></td> <td></td> <td>13-log audit (note 1)</td> <td></td>						13-log audit (note 1)	
Syslogstatic.auto_p rovision.loca L]og.backup enable =0 or 10116-local use 0 (local0) 17-local use 1 (local1) 18-local use 2 (local2) 19-local use 3 (local3) 20-local use 4 (local4) 21-local use 6 (local6) 23-local use 7 (local77) Note: For more information, refer to RFC 3164.SyslogImage: static.auto_p rovision.loca L]og.backup enable =0 or 1Image: static.auto_p 0 or 10Image: static.auto_p note: static.auto_p0SyslogImage: static.auto_p rovision.loca L]og.backup enable =0 or 1Image: static.auto_p note: static.auto_p0Image: static.auto_p note: static.auto_p0Image: static.auto_p0SyslogImage: static.auto_p001Image: static.auto_pImage: static.au						14-log alert (note 1)	
Syslogstatic.auto.p rovision.loca Llog.backup enable =0 or 100117-local use 1 (local1) 18-local use 2 (local2) 19-local use 3 (local3) 20-local use 4 (local4) 21-local use 5 (local6) 22-local use 7 (local77) Note: For more information, refer to RFC 3164.111 <th< td=""><td></td><td></td><td></td><td></td><td></td><td>15-clock daemon (note 2)</td><td></td></th<>						15-clock daemon (note 2)	
Syslogstatic.auto_p rovision.loca Logbackup enable =0 or 100AddIse allow of the local log files reaches maximum configured by the parameter "static.local.jog.max_file_si ze";Ise allow of the local log files reaches maximum configured by the parameter "static.local.jog.max_file_si ze";Ise allow of the local log files reaches maximum configured by the parameter "static.local.jog.max_file_siIse allow of the local log files reaches maximum configured by the parameter "static.local.jog.max_file_siIse allow of the local log files reaches maximum configured by the parameter "static.local.jog.max_file_siIse allow of the local log files reaches maximum configured by the parameter "static.local.jog.max_file_siIse allow of the local log files reaches maximum configured by the parameter "static.local.jog.max_file_siIse allow of the local log files reaches maximum configured by the parameter "static.local.jog.max_file_siIse allow of the local log files reaches maximum configured by the parameter "static.local.jog.max_file_siIse allow of the local log files reaches maximum configured by the parameter "static.local.jog.max_file_siIse allow of the local log files reaches maximum configured by the parameter "static.local.jog.max_file_siIse allow of the local log files reaches maximum configured by the parameter "static.local.jog.max_file_siIse allow of the local log files reaches maximum configured by the parameter "static.local.jog.max_file_siIse allow of the local log files reaches maximum configured by the parameter "static.local.jog.max_file_siIse allow of the local log files reaches maxi						16-local use 0 (local0)	
Syslogstatic.auto_p rovision.loca Log.backup enable =0 or 10 or 10 or 10 or 1Add19-local use 3 (local3) 20-local use 4 (local4) 21-local use 5 (local5) 22-local use 6 (local6) 23-local use 7 (local7) Note: For more information, refer to RFC 3164.It enables or disables the IP DECT phone to upload the local log files ( <mac>-boolog and <mac>-boolog and (<mac>-boolog and (or any provisioning server or a specific server to back up the local log files to the provisioning server or the specific server to back up these files when one of the following happens: - Auto provisioning is triggred; - The size of the local log files reaches maximum configured by the parameter "static.local.log.max_file_sior any specific server to back up these files when one of the following happens: - Auto provisioning is triggred; - The size of the local log files reaches maximum configured by the parameter "static.local.log.max_file_siparameter serve; tes</mac></mac></mac></mac></mac></mac></mac></mac></mac></mac></mac></mac></mac></mac></mac></mac></mac></mac></mac></mac></mac></mac>						17-local use 1 (local1)	
Syslogstatic.auto_p rovision.loca L]og.backup enable =0 or 10AddIt enables or disables the provisioning server or a specific server. 0-Disabled 1-Enabled If it is set to 1 (Enabled), the local log files to the provisioning server or the specific server to back up these files when one of the local log rime server or the specific server to back up these files when one of the local log rime server or the specific server to back up these files when one of the local log rime server or the specific server to back up these files when one of the following happens; arameter "static.local_log.max_file_si ze";common crefite						18-local use 2 (local2)	
Syslogstatic.auto_p rovision.loca Llog backup enable =0 or 100121-local use 5 (local5) 22-local use 7 (local7) Note: For more information, refer to RFC 3164.1enables or disables the IP DECT phone to upload the local log files ( <mac>-boot.log and <mac>-syslog) to the provisioning server or a specific server. 0-Disabled 1-Enabled If it is set to 1 (Enabled), the IP phone will upload the local log files to the provisioning server or the specific server to back up the following happens: - Auto provisioning is triggered; - The size of the local log files referse maximum configured by the parameter "static.local_log.max_file_si ze";or 100100</mac></mac>						19-local use 3 (local3)	
Syslogstatic.auto_p rovision.loca L]og.backup .enable =0 or 100Add22-local use 6 (local6) 23-local use 7 (local77) Note: For more information, refer to RFC 3164.1Syslogstatic.auto_p rovision.loca L]og.backup .enable =0 or 1001defSyslogfrained =0 or 101Addfrained =rovisioning server or a specific server. 0-Disabled 1-Enabled 1F it is set to 1 (Enabled), the IP phone will upload the local log files to the provisioning server or the specific server to back up the following happens: - Auto provisioning is triggered; - The size of the local log files reaches maximum configured by the parameter "static.local_log.max_file_si ze";common						20-local use 4 (local4)	
SyslogSyslogImage: Static.auto_p rovision.loca [_]og.backup _enable =0 or 100Add23-local use 7 (local7) Note: For more information, refer to RFC 3164.It enables or disables the IP DECT phone to upload the local log files ( <mac>-soul.og and <mac>-syslog) to the provisioning server or a specific server. O-Disabled 1-Enabled If it is set to 1 (Enabled), the IP phone will upload the local log files to the provisioning server or the specific server to back up these files when one of the following happens: - Auto provisioning is triggered; - The size of the local log files reaches maximum configured by the parameter "static.local_log.max_file_si ze";conditional sector and the local log.max_file_si</mac></mac>						21-local use 5 (local5)	
Syslogstatic.auto_p rovision.loca L]og.backup .enable =0 or 10AddNote: For more information, refer to RFC 3164.It enables or disables the IP DECT phone to upload the local log files ( <mac>-boot.log and <mac>-sys.log) to the provisioning server or a specific server. 0-Disabled 1-Enabled If it is set to 1 (Enabled), the IP phone will upload the local log files to the provisioning server or the specific server to back up these files when one of the following happens: - Auto provisioning is triggered; - The size of the local log files reaches maximum configured by the parameter "static.local_log.max_file_si ze";one of the specific server to back up the server to back up the following happens: - Auto provisioning is triggered; - The size of the local log file serve to back up the server to back up the following happens: - Auto provisioning is triggered; - The size of the local log file server to back up the server to back up the following happens: - Auto provisioning is triggered; - The size of the local log file server to back up the server to back up the server to back up the following happens: - Auto provisioning is triggered; - The size of the local log file server to back up the server to back up the</mac></mac>						22-local use 6 (local6)	
Syslogstatic.auto_p rovision.loca L]og.backup .enable =0 or 10AddIt enables or disables the IP DECT phone to upload the local log files ( <mac>-boot.log and <mac>-syslog) to the provisioning server or a specific server. O-Disabled IF it is set to 1 (Enabled), the IP phone will upload the local log files to the provisioning server or the specific server to back up the specific server to back up the specific server to back up the following happens: - Auto provisioning is triggered; - Auto provisioning is trig</mac></mac>						23-local use 7 (local7)	
SyslogSyslogStatic.auto_p rovision.loca L]og.backup enable =0 or 10AddIt enables or disables the IP DECT phone to upload the local log files ( <mac>-boot.log and <mac>-sysl.og) to the provisioning server or a specific server. 0-Disabled 1-Enabled If it is set to 1 (Enabled), the IP phone will upload the local log files to the provisioning server or the specific server to back up these files when one of the following happens: - Auto provisioning is triggered; - The size of the local log files reaches maximum configured by the parameter "static.local_log.max_file_si ze";common</mac></mac>						Note: For more	
Syslogstatic.auto_p rovision.loca I_log.backup .enable =0 or 10AddIt enables or disables the IP DECT phone to upload the local log files ( <mac>-bot.log and <mac>-syslog) to the provisioning server or a specific server. 0-Disabled 1-Enabled If it is set to 1 (Enabled), the IP phone will upload the local log files to the provisioning server or the specific server to back up these files when one of the following happens: - Auto provisioning is triggered; - The size of the local log files reaches maximum configured by the parameter "static.local_log.max_file_si ze";common common</mac></mac>							
SyslogImage: static.auto_p rovision.loca Llog.backup .enable =0 or 1Image: static.auto_p 0 or 1Ima						3164.	
Syslogstatic.auto_p rovision.loca 1_log.backup .enable =0 or 10Addthe local log files ( <mac>-boot.log and <mac>-sys.log) to the provisioning server or a specific server. 0-Disabled 1-Enabledcommon common the IP phone will upload the local log files to the provisioning server or the specific server to back up these files when one of the following happens: - Auto provisioning is triggered; - The size of the local log files reaches maximum configured by the parameter "static.local_log.max_file_si ze";</mac></mac>							
Syslogstatic.auto_p rovision.loca l_log.backup0 or 10Add( <mac>-boot.log and <mac>-sys.log) to the provisioning server or a specific server. 0-Disabled 1-Enabled If it is set to 1 (Enabled), the IP phone will upload the local log files to the provisioning server or the specific server to back up these files when one of the following happens: - Auto provisioning is triggered; - The size of the local log files reaches maximum configured by the parameter "static.local_log.max_file_si ze";common specific server to back up the specific server to</mac></mac>							
Syslogstatic.auto_p rovision.loca l_log.backup .enable =0 or 10Add (MAC>-syslog) to the provisioning server or a specific server. 0-Disabled 1-Enabled If it is set to 1 (Enabled), the IP phone will upload the local log files to the provisioning server or the specific server to back up these files when one of the following happens: - Auto provisioning is triggered; - The size of the local log files reaches maximum configured by the parameter "static.local_log.max_file_si ze";common cfg						-	
Syslogstatic.auto_p rovision.loca l_log.backup .enable =0 or 10Addprovisioning server or a specific server. 0-Disabled I fit is set to 1 (Enabled), the IP phone will upload the local log files to the provisioning server or the specific server to back up these files when one of the following happens: - Auto provisioning is triggered; - The size of the local log files reaches maximum configured by the parameter "static.local_log.max_file_si ze";common cfg						-	
SyslogImage: Static auto p rovision.loca 1_log.backup enable =0 or 1Image: AddImage: Add<							
SyslogI-Enabled <th< td=""><td></td><td></td><td></td><td></td><td></td><td>specific server.</td><td></td></th<>						specific server.	
SyslogIf it is set to 1 (Enabled), the IP phone will upload the local log files to the provisioning server or the specific server to back up these files when one of the following happens: - Auto provisioning is triggered; - The size of the local log files reaches maximum configured by the parameter "static.local_log.max_file_si ze";If it is set to 1 (Enabled), the IP phone will upload the local log files to the provisioning server or the specific server to back up these files when one of the following happens: - Auto provisioning is triggered; - The size of the local log files reaches maximum configured by the parameter "static.local_log.max_file_si ze";						0-Disabled	
Syslogstatic.auto_p rovision.loca l_log.backup .enable =0 or 10Addthe IP phone will upload the local log files to the provisioning server or the specific server to back up these files when one of the following happens: - Auto provisioning is triggered; - The size of the local log files reaches maximum configured by the parameter "static.local_log.max_file_si ze";common .cfg						1-Enabled	
Syslog       rovision.loca       0 or 1       0       Add       the local log files to the provisioning server or the specific server to back up these files when one of the following happens:       .cfg         .enable =       .enable =       .enable							
Syslog       I_log.backup       0 or 1       0       Add       provisioning server or the specific server to back up these files when one of the following happens:       .cfg         - Auto provisioning is       - Auto provisioning is       triggered;       - The size of the local log files reaches maximum configured by the parameter         "static.local_log.max_file_si ze";       "static.local_log.max_file_si       ze";		static.auto_p					
I_log.backup .enable = I_log.backup .enable = I_log.backup .enable = I_log.backup .enable = I_log.backup .enable = I_log.backup .enable = I_log.backup .enable = I_log.backup .enable = I_log.backup these files when one of the following happens: - Auto provisioning is triggered; - The size of the local log files reaches maximum configured by the parameter "static.local_log.max_file_si ze";	Syslog	rovision.loca	0 or 1	0	Add		common
these files when one of the following happens: - Auto provisioning is triggered; - The size of the local log files reaches maximum configured by the parameter "static.local_log.max_file_si ze";	Systog			0	7100		.cfg
- Auto provisioning is triggered; - The size of the local log files reaches maximum configured by the parameter "static.local_log.max_file_si ze";		.enable =					
triggered; - The size of the local log files reaches maximum configured by the parameter "static.local_log.max_file_si ze";						the following happens:	
- The size of the local log files reaches maximum configured by the parameter "static.local_log.max_file_si ze";						- Auto provisioning is	
files reaches maximum configured by the parameter "static.local_log.max_file_si ze";						triggered;	
configured by the parameter "static.local_log.max_file_si ze";						•	
parameter "static.local_log.max_file_si ze";							
"static.local_log.max_file_si ze";							
ze";							
- It's time to upload local						•	
						- It's time to upload local	



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					log files according to the upload period configured by the parameter "static.auto_provision.local _log.backup.upload_perio d". Note: The upload path is configured by the parameter "static.auto_provision.local _log.backup.path".	
Syslog	static.auto_p rovision.loca l_log.backup .path =	URL within 1024 characters	Blank	Add	It configures the upload path of the local log files ( <mac>-boot.log and <mac>-sys.log). If you leave it blank, the IP DECT phone will upload the local log files to the provisioning server. If you configure a relative URL (e.g., /upload), the IP DECT phone will upload the local log files by extracting the root directory from the access URL of the provisioning server. If you configure an absolute URL with protocol (e.g., tftp), the IP DECT phone will upload the local log files using the desired protocol. If no protocol, the IP DECT phone will use the same protocol with auto provisioning for uploading files. Example: static.auto_provision.local _log.backup.path = tftp://10.3.6.133/upload/</mac></mac>	common .cfg



#### www.yealink.com Note: It works only if the value of the parameter "static.auto\_provision.local \_log.backup.enable" is set to 1 (Enabled). It configures the period (in seconds) of the local log files (<MAC>-boot.log and <MAC>-sys.log) uploads to the provisioning server or a static.auto\_p specific server. rovision.loca Example: Integer from common Add Syslog l\_log.backup 30 30 to 86400 .cfg static.auto\_provision.local .upload\_peri \_log.backup.upload\_perio od = d = 60 Note: It works only if the value of the parameter "static.auto\_provision.local \_log.backup.enable" is set to 1 (Enabled). It configures whether the local log files (<MAC>-boot.log and <MAC>-sys.log) on the static.auto p provisioning server or a rovision.loca common Syslog 0 or 1 1 Add specific server are l\_log.backup .cfg overwritten or appended. .append = 0-Overwrite 1-Append (not applicable to TFTP Server) It configures the behavior when local log files (<MAC>-boot.log and static.auto p <MAC>-sys.log) on the rovision.loca provisioning server or a common Syslog 0 or 1 0 Add l\_log.backup specific server reach the .cfg .append.limi maximum size. t mode = 0-Append Delete 1-Append Stop If it is set to 1 (Append



#### www.yealink.com Delete), the IP DECT phone will delete the old log and start over. If it is set to 2 (Append Stop), the IP DECT phone will stop uploading log. It configures the maximum size (in KB) of the local log files (<MAC>-boot.log and static.auto p <MAC>-sys.log) can be Integer from rovision.loca common stored on the provisioning 200 to 1024 Add Syslog l\_log.backup .cfg server or a specific server. .append.ma 65535 x\_file\_size = Example: static.auto\_provision.local \_log.backup.append.max\_f ile\_size = 1025 It configures the waiting time (in seconds) before the phone uploads the local log file static.auto\_p (<MAC>-boot.log) to the rovision.loca provisioning server or a l\_log.backup Integer from common 120 Add Syslog specific server after 1 to 86400 .bootlog.upl .cfg startup. oad wait ti me = Example: static.auto\_provision.local \_log.backup.bootlog.uplo ad\_wait\_time = 121 It triggers the flexible feature to on or off. 0-Off 1-On If it is set to 1 (On), the IP static.auto\_p AutoP-Fl common DECT phone will perform rovision.flexi 0 or 1 0 Add exible .cfg an auto provisioning ble.enable = process at random between a starting time configured by the parameter "static.auto\_provision.flexi



			1	1	www.yealink.com	
					ble.begin_time" and an ending time configured by the parameter "static.auto_provision.flexi ble.end_time" on a random day within the period configured by the parameter	
					"static.auto_provision.flexi ble.Interval". Note: The day within the period is decided based upon the phone's MAC address and does not change with a reboot whereas the time within the start and end is calculated again with every reboot.	
AutoP-Fl exible	static.auto_p rovision.flexi ble.interval =	Integer from 1 to 1000	1	Add	It configures the interval (in days) for the IP DECT phone to perform an auto provisioning process. The auto provisioning accurs on a random day within this period based on the phone's MAC address. Example: static.auto_provision.flexib le.interval = 30 The IP DECT phone will perform an auto provisioning process on a random day (e.g., 18) based on the phone's MAC address. Note: It works only if the value of the parameter "static.auto_provision.flexi ble.enable" is set to 1 (On).	common .cfg



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AutoP-Fl exible	static.auto_p rovision.flexi ble.begin_ti me =	Time from 00:00 to 23:59	02:00	Add	It configures the starting time of the day for the IP DECT phone to perform an auto provisioning process at random. Note: It works only if the value of the parameter "static.auto_provision.flexi ble.enable" is set to 1 (On).	common .cfg
AutoP-Fl exible	static.auto_p rovision.flexi ble.end_tim e =	Time from 00:00 to 23:59	Blank	Add	It configures the ending time of the day for the IP DECT phone to perform an auto provisioning process at random. If it is left blank or set to a specific value equal to starting time configured by the parameter "static.auto_provision.wee kly.begin_time", the IP DECT phone will perform an auto provisioning process at the starting time. If it is set to a specific value greater than starting time configured by the parameter "static.auto_provision.wee kly.begin_time", the IP DECT phone will perform an auto provisioning process at random between the starting time and ending time. It it is set to a specific value less than starting time configured by the parameter "static.auto_provision.wee kly.begin_time", the IP DECT phone will perform	common .cfg



					www.yealink.com	,
					an auto provisioning process at random between the starting time on that day and ending time in the next day. Note: It works only if the value of the parameter "static.auto_provision.flexi ble.enable" is set to 1 (On).	
AutoP_D HCP	static.networ k.dhcp.optio n60type =	0 or 1	0	Add	It configures the DHCP option 60 type. 0-ASCII 1-Binary If it is set to 0 (ASCII), the vendor-identifying information is in ASCII format. If it is set to 1 (Binary), the vendor-identifying information is in the format defined in RFC 3925.	common .cfg
Autop Provisioni ng	static.auto_p rovision.atte mpt_before_ failed =	Integer from 1 to 10	3	Add	It configures the maximum number of attempts to transfer a file before the transfer fails. Example: static.auto_provision.atte mpt_before_failed = 5	common .cfg
Autop Provisioni ng	static.auto_p rovision.retr y_delay_afte r_file_transfe r_failed =	Integer from 1 to 300	5	Add	It configures the time (in seconds) to wait after a file transfer fails before retrying the transfer via auto provisioning. Example: static.auto_provision.retry _delay_after_file_transfer_f ailed = 5	common .cfg
Autop_Pr otect	static.auto_p rovision.cust	URL	Blank	Add	It configures the URL for uploading/downloading	common .cfg



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	om.sync.pat h =				the <mac>-local.cfg file. If it is left blank, the IP DECT phone will try to upload/download the <mac>-local.cfg file to/from the root directory of provisioning server. Note: It works only if the value of the parameter "static.auto_provision.cust om.sync" is set to 1</mac></mac>	
Autop Provisioni ng	static.auto_p rovision.serv er.type =	FTP, TFTP, HTTP or HTTPS	TFTP	Add	(Enabled). It configures the protocol the IP DECT phone uses to connect to the provisioning server. Note: It works only if the protocol type is not defined in the access URL of the provisioning server configured by the parameter "static.auto_provision.serv er.url".	common .cfg
Autop Provisioni ng	static.auto_p rovision.user _agent_mac. enable =	0 or 1	1	Add	It enables or disables the IP DECT phone's MAC address to be included in the User-Agent header of HTTP/HTTPS transfers via auto provisioning. 0-Disabled 1-Enabled If it is set to 0 (Disabled), the phone's MAC address is not included in the User-Agent header of HTTP/HTTPS transfers and communications to the web browser.	common .cfg
Autop_A es Key	auto_provisi on.update_fi le_mode =	0 or 1	0	Add	It enables or disables the IP phone only to download the encrypted	common .cfg



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					files. 0-Disabled 1-Enabled If it is set to 0 (Disabled), the IP DECT phone will download the configuration files (e.g., sip.cfg, account.cfg, <mac>-local.cfg) file from the server during auto provisioning no matter whether the files are encrypted or not. And then resolve these files and update settings onto the IP DECT phone system. If it is set to 1 (Enabled), the IP phone will only download the encrypted configuration files (e.g., sip.cfg, account.cfg, <mac>-local.cfg) or <mac>-contact.xml file from the server during auto provisioning, and</mac></mac></mac>	
					then resolve these files and update settings onto the IP phone system	
NAT&ICE	sip.nat_turn. enable =	O or 1	0	Add	It enables or disables the TURN (Traversal Using Relays around NAT) feature on the IP DECT phone. 0-Disabled 1-Enabled	common .cfg
NAT&ICE	sip.nat_turn. server =	IP address or domain name	Blank	Add	It configures the IP address or the domain name of the TURN (Traversal Using Relays around NAT) server. Example:	common .cfg



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			1		www.ycdiirik.com	
					sip.nat_turn.server = 218.107.220.202 Note: It works only if the value of the parameter "sip.nat_turn.enable" is set to 1 (Enabled).	
NAT&ICE	sip.nat_turn. username =	String	Blank	Add	It configures the user name to authenticate to TURN (Traversal Using Relays around NAT) server. Example: sip.nat_turn.username = admin Note: It works only if the value of the parameter "sip.nat_turn.enable" is set to 1 (Enabled).	common .cfg
NAT&ICE	sip.nat_turn. port =	Integer from 1 to 65535	3478	Add	It configures the port of the TURN (Traversal Using Relays around NAT) server. Example: sip.nat_turn.port = 3478 Note: It works only if the value of the parameter "sip.nat_turn.enable" is set to 1 (Enabled).	common .cfg
AutoP_W eekly	static.auto_p rovision.wee kly_upgrade _interval =	Integer from 0 to 12	1	Add	It configures the period for the IP DECT phone to perform an auto provisioning. If it is set to 0, the IP DECT phone will perform an auto provisioning process during the specified time period (configured by the parameters "static.auto_provision.wee kly.begin_time" and "static.auto_provision.wee	common .cfg



			1	1	, ,	
					kly.end_time") of the day(s) (configured by the	
					parameter	
					static.auto_provision.week	
					ly.dayofweek) every week.	
					If it is set to to other	
					values (e.g., 2), the IP	
					DECT phone will perform	
					an auto provisioning	
					process during the	
					specified time period	
					(configured by the	
					parameters	
					"static.auto_provision.wee	
					kly.begin_time" and	
					"static.auto_provision.wee	
					kly.end_time") at a	
					random day of the	
					specified day(s) (configured by the	
					parameter	
					static.auto_provision.week	
					ly.dayofweek) every 2	
					weeks.	
					Note: It works only if the	
					value of the parameter	
					"static.auto_provision.wee	
					kly.enable" is set to 1 (On).	
					Week here means from	
					Sunday to Saturday, for	
					example, today is	
					Thursday (Dec. 22), the	
					first week starts from	
					Sunday (Dec. 25) to this Saturday (Dec. 31).	
					It configures the delay	
	- 1 - 1 <sup>+</sup> - +				time (in minutes) to	
Auto D. M.	static.auto_p	Internet for a			perform an auto	
AutoP_W	rovision.inac	Integer from	0	Change	provisioning process	common cfa
eekly	tivity_time_e xpire =	0 to 120			when the IP DECT phone	.cfg
	xhiie =				is inactive at regular week.	
					If it is set to 0, the IP	
					phone will perform an	



auto provisioning proces at random during the tir period (configured by the parametera	
period (configured by th	no
narametera	e
"static.auto_provision.we	e
kly.begin_time" and	
"static.auto_provision.we	e
kly.end_time").	
If it is set to other values	;
(e.g., 60), the IP phone w	
perform an auto	
provisioning process on	lv
when the IP phone has	
been inactivated for 60	
minutes (1 hour) during	
the time period	
(configured by the	
parameters	
"static.auto_provision.we	
kly.begin_time" and	
"static.auto_provision.we	
kly.end_time").	
Note: The auto	
provisioning may be	
performed during norma	
working hours when the	
IP phone has been	
inactivated for the	
designated time betwee	n
the starting time and	
ending time. It works on	ly
if the value of the	
parameter	
"static.auto_provision.we	
kly.enable" is set to 1 (O	n).
Week here means from	
Sunday to Saturday, for	
example, today is	
Thursday (Dec. 22), the	
first week starts from	
Sunday (Dec. 25) to this	
Saturday (Dec. 31).	
	e common



es Key rovision.encr yption.confi g = 0 0-Disabled 1-Enabled If it is set to 0 (Disabled), the MAC-local CFG file will be uploaded unencrypted	.cfg
g = using the plaintext AES key. 0-Disabled 1-Enabled If it is set to 0 (Disabled), the MAC-local CFG file will	
key. 0-Disabled 1-Enabled If it is set to 0 (Disabled), the MAC-local CFG file will	
0-Disabled 1-Enabled If it is set to 0 (Disabled), the MAC-local CFG file will	
1-Enabled         If it is set to 0 (Disabled),         the MAC-local CFG file will	
If it is set to 0 (Disabled), the MAC-local CFG file will	
the MAC-local CFG file will	
and replace the one	
(encrypted or	
unencrypted) stored on	
the server if you have	
configured to back up the	
MAC-local CFG file to the	
server by the parameter	
"static.auto_provision.cust	
om.sync".	
If it is set to 1 (Enabled),	
the MAC-local CFG file will	
be uploaded encrypted	
and will replace the one	
(encrypted or	
unencrypted) stored on the server if you have	
configured to back up the	
MAC-local CFG file to the	
server by the parameter	
"static.auto_provision.cust	
om.sync". The plaintext	
AES key is configured by	
the parameter	
"static.auto_provision.aes_	
key_16.mac".	
It enables or disables the	
IP DECT phone to resolve	
Autop     static.auto_p     the access URL of the	
Provisioni l rovision.dns 0 or 1 1 Add	common
_resolv_nosy download libraries	.cfg
s =	
0-Disabled	
1-Enabled	



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					www.yeannk.com	,
					If it is set to 0 (Disabled), the IP DECT phone resolves the access URL of the provisioning server using system mechanism.	
Autop Provisioni ng	static.auto_p rovision.dns _resolv_nretr y =	Integer from 1 to 10	2	Add	It configures the retry times when the IP DECT phone fails to resolve the access URL of the provisioning server. Note: For each different DNS server, it works only if the value of the parameter "static.auto_provision.dns_ resolv_nosys" is set to 1 (Enabled).	common .cfg
Autop Provisioni ng	static.auto_p rovision.dns _resolv_time out =	Integer from 1 to 60	5	Add	It configures the timeout (in seconds) for the phone to retry to resolve the access URL of the provisioning server. Note: For each different DNS server, it works only if the value of the parameter "static.auto_provision.dns_ resolv_nosys" is set to 1 (Enabled).	common .cfg
Multicast	multicast.rec eive_priority. enable =	0 or 1	1	Add	It enables or disables the IP DECT phone to handle the incoming multicast paging calls when there is an active multicast paging call on the IP DECT phone. 0-Disabled 1-Enabled If it is set to 0 (Disabled), the IP DECT phone will ignore the incoming multicast paging calls when there is an active	common .cfg



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					multicast paging call on the IP DECT phone.	
					If it is set to 1 (Enabled),	
					the IP DECT phone will	
					receive the incoming	
					multicast paging call with	
					a higher priority and ignore that with a lower	
					priority.	
					It configures the priority	
					of the voice call (a normal phone call rather than a	
					multicast paging call) in	
					progress.	
				1 is the highest priorit	1 is the highest priority, 31	
					is the lowest priority.	
					0-Disabled	
					1-1	
					2-2	
					3-3	
					4-4	
					5-5 6-6	
	multicast.rec		31		7-7	
Multicast	eive_priority.	Integer from		Add	8-8	common
	priority =	0 to 31	-		9-9	.cfg
					10-10	
					11-11	
					12-12	
					13-13	
					14-14	
					15-15	
					16-16	
					17-17	
					18-18	
					19-19	
					20-20	
					21-21	
			<i>A</i> 1		22-22	



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					23-23	
					24-24	
					25-25	
					26-26	
					27-27	
					28-28	
					29-29	
					30-30	
					31-31	
					If it is set to 0 (Disabled), all incoming multicast paging calls will be automatically ignored when a voice call is in progress. If it is not set to 0(Disabled), the IP DECT phone will receive the incoming multicast paging call with a higher or same priority than this value and ignore that with a lower priority than this	
					value when a voice call is in progress.	
Multicast	multicast.list en_address. X.channel =	Integer from 0 to 30	0	Add	It configures the channel that the IP DECT phone listens to. If it is set to 0, the IP DECT phone can receive an RTP stream of the pre-configured multicast address from the IP DECT phones running firmware version 80 or prior, from the IP DECT phones listen to the channel 0, or from the available third-party devices (e.g., Cisco IP phones). If it is set to 1 to 25, the IP	common .cfg



					www.yealink.com	,
					phone can receive an RTP stream of the pre-configured multicast address on the channel 1 to 25 respectively from Yealink or Polycom IP DECT phones. It is set to 26 to 30, the IP phone can receive the RTP stream of the pre-configured multicast address on the channel 26 to 30 respectively from Yealink IP DECT phones. Example: multicast.listen_address.1. channel = 2	
Multicast	multicast.list en_address. X.label =	String within 99 characters	Blank	Add	It configures the label to be displayed on the LCD screen when receiving the multicast paging calls. Example: multicast.listen_address.1.l abel = Paging1	common .cfg
Multicast	multicast.list en_address. X.ip_address =	IP address: port	Blank	Add	It configures the multicast address and port number that the IP phone listens to. Example: multicast.listen_address.1.i p_address = 224.5.6.20:10008 Note: The valid multicast IP addresses range from 224.0.0.0 to 239.255.255.255.	common .cfg
Multicast	multicast.pa ging_addres s.X.channel =	Integer from 0 to 30	0	Add	It configures the channel of the multicast paging group in the paging list. If it is set to 0, all the Yealink IP DECT phones	common .cfg



					www.yealink.com	
					running firmware version 80 or prior or Yealink IP DECT phones listens to channel 0 or third-party available devices (e.g., Cisco IP phones) in the paging group can receive the RTP stream. If it is set to 1 to 25, the Polycom or Yealink IP DECT phones preconfigured to listen to the channel can receive the RTP stream. It is set to 26 to 30, the Yealink IP DECT phones preconfigured to listen to the channel can receive the RTP stream. It is net to 26 to 30, the Yealink IP DECT phones preconfigured to listen to the channel can receive the RTP stream. Example: multicast.paging_address. 1.channel = 3 multicast.paging_address. 2.channel = 5	
Multicast	multicast.pa ging_addres s.X.ip_addre ss =	String	Blank	Add	It configures the IP address and port number of the multicast paging group in the paging list. It will be displayed on the LCD screen when placing the multicast paging call. Example: multicast.paging_address. 1.ip_address = 224.5.6.20:10008 multicast.paging_address. 2.ip_address = 224.1.6.25:1001 Note: The valid multicast IP addresses range from 224.0.0.0 to 239.255.255.255.	common .cfg



Multicast	multicast.list en_address. X.label =	String	Blank	Add	It configures the IP address and port number of the multicast paging group in the paging list. It will be displayed on the LCD screen when placing the multicast paging call. Example: multicast.paging_address. 1.ip_address = 224.5.6.20:10008 multicast.paging_address. 2.ip_address = 224.1.6.25:1001 Note: The valid multicast IP addresses range from 224.0.0.0 to 239.255.255.255.	common .cfg
Multicast	multicast.co dec =	PCMU, PCMA, G729, G722	G722	Add	It configures the codec for multicast paging. Example: multicast.codec = G722	common .cfg
Emergen cy Dialplan	dialplan.eme rgency.asser ted_id_sourc e =	ELIN or CUSTOM	ELIN	Add	It configures the precedence of source of emergency outbound identities when placing an emergency call. If it is set to ELIN, the outbound identity used in the P-Asserted-Identity (PAI) header of the SIP INVITE request is taken from the network using an LLDP-MED Emergency Location Identifier Number (ELIN). The custom outbound identity configured by "dialplan.emergency.custo m_asserted_id" will be used if the phone fails to get the LLDP-MED ELIN	common .cfg



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					value. If it is set to CUSTOM, the custom outbound identity configured by "dialplan.emergency.custo m_asserted_id" will be used; if the value of the parameter "dialplan.emergency.custo m_asserted_id" is left blank, the LLDP-MED ELIN value will be used. Note: If the obtained ELIN value is blank and no custom outbound identity, the PAI header will not be included in the SIP INVITE request.	
Emergen cy Dialplan	dialplan.eme rgency.custo m_asserted_i d =	10-25 digits, SIP URI, or TEL URI	Blank	Add	It configures the custom outbound identity when placing an emergency call. If using a TEL URI, for example, tel:+16045558000. The full URI is included in the P-Asserted-Identity (PAI) header (e.g., <tel:+16045558000>). If using a SIP URI, for example, sip:1234567890123@abc. com. The full URI is included in the P-Asserted-Identity (PAI) header and the address will be replaced by the emergency server (e.g., <sip:1234567890123@em ergency.com&gt;). If using a 10-25 digit number, for example, 1234567890. The SIP URI constructed from the</sip:1234567890123@em </tel:+16045558000>	common .cfg



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					number and SIP server (e.g., abc.com) is included in the P-Asserted-Identity (PAI) header (e.g., <sip:1234567890@abc.co m&gt;).</sip:1234567890@abc.co 	
Emergen cy Dialplan	dialplan.eme rgency.serve r.X.address = (X ranges from 1 to 3)	IP address or domain name	Blank	Add	It configures the IP address or domain name of the emergency server X to be used for routing calls. Note: If the account is registered successfully or failed (the account information has been configured), the emergency calls will be dialed using the following priority: SIP server>emergency server; if the account is not registered, the emergency server will be used.	common .cfg
Emergen cy Dialplan	dialplan.eme rgency.serve r.X.port = (X ranges from 1 to 3)	Integer from 1 to 65535	5060	Add	It configures the port of emergency server X to be used for routing calls.	common .cfg
Emergen cy Dialplan	dialplan.eme rgency.serve r.X.transport _type = (X ranges from 1 to 3)	0, 1, 2 or 3	0	Add	It configures the transport method the IP DECT phone uses to communicate with the emergency server X. 0-UDP 1-TCP 2-TLS 3-DNS-NAPTR	common .cfg
Emergen cy Dialplan	dialplan.eme rgency.X.val ue = (X ranges from 1 to	number or SIP URI	When X = 1, the default value is 911;	Add	It configures the emergency number to use on your IP DECT phone so a caller can contact emergency services in the	common .cfg



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	255)		When X = 2-255, the default value is Blank.		local area when required.	
Emergen cy Dialplan	dialplan.eme rgency.X.ser ver_priority = (X ranges from 1 to 255)	a combination of digits 1, 2 and 3	0	Add	It configures the priority for the emergency servers to be used. The digits are separated by commas. The servers to be used in the order listed (left to right). The IP DECT phone tries to send the INVITE request to the emergency server with higher priority. If the emergency server with higher priority does not respond correctly to the INVITE, then the phone tries to make the call using the emergency server with lower priority, and so forth. The IP phone tries to send the INVITE request to each emergency server for three times. Example: dialplan.emergency.1.serv er_priority = 2, 1, 3 It means the IP DECT phone sends the INVITE request to the emergency server 2 first. If the emergency server 2 does not respond correctly to the INVITE, then tries to make the call using the emergency server 1. If the emergency server 1 does not respond correctly to	common .cfg



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					the INVITE, then tries to make the call using the emergency server 3. The IP DECT phone tries to send the INVITE request to each emergency server for three times. Note: If the IP address of the emergency server with higher priority has not been configured, the emergency server with lower priority will be used. If the account is registered successfully or failed (the account information has been configured), the emergency calls will be dialed using the following priority: SIP server>emergency server; if the account is not registered, the emergency server will be used.	
LED	phone_setti ng.missed_c all_power_le d_flash.enab le =	0 or 1	1	Add	It enables or disables the handset power indicator LED to flash when the handset misses a call. 0-Disabled (handset power indicator LED does not flash) 1-Enabled (handset power indicator LED slow flashes (1000ms) red)	common .cfg
Audio Codec	account.X.co dec. <payloa d_type&gt;.ena ble = (where <payload_ty pe&gt; should be replaced by the name</payload_ty </payloa 	0 or 1	When audio codec is G722, the default value is 1; When	Add	It enables or disables the specified audio codec for account X. 0-Disabled 1-Enabled Valid Audio Codec: G722, PCMU, PCMA, G729, iLBC, G726-32,	MAC.cfg



of audio       audio       G723_63, G723_53.         codeci       codecis       Example:         codeci       account1.codec.g722.ena       ble = 1         default       account1.codec.pcmu.ena       ble = 1         value is       account1.codec.g729.ena       ble = 1         udio       ble = 1       codec is       account1.codec.g729.ena         PCMA,       ble = 1       codec is       account1.codec.g726.ena         PCMA,       ble = 1       account1.codec.g726.32.       i;         value is       account1.codec.g726.32.       i;       enable = 0         value is       account1.codec.g723_63.       codec is       codec is         gr29,       account1.codec.g723_63.       codec is       codeci is         gr29,       account1.codec.gr23_53.       the       enable = 0         udio       codeci is       corresponding       iullb         udio       <			www.yealink.com
PCMU, theaccount.Lcodec.g722.ena ble = 1uite is value is i; when audioaccount.Lcodec.pcma.ena ble = 1uite is value is audioaccount.Lcodec.g729.ena ble = 1When audioaccount.Lcodec.g729.ena ble = 1When defaulte = 0value is value is audioaccount.Lcodec.g726-32. enable = 0uite audioenable = 0value is audioaccount.Lcodec.g723_63. enable = 0codec is G729, audioenable = 0audio value is value is ualuicodec.g723_53. enable = 0uite value is uite value is codec is <td>of audio</td> <td>audio</td> <td>G723_63, G723_53.</td>	of audio	audio	G723_63, G723_53.
PCMU, the default value is 	codec)	codec is	Example:
the default value is 1;ble = 1 account1.codec.pcma.ena audio ble = 1audio audio codec is codec is default value is aucount1.codec.g729.ena PCMA, ble = 1 the default value is aucount1.codec.g726-32. 1; enable = 0 audio audio audio audio audio account1.codec.g723_63. enable = 0 default value is codec is codec is codec is codec is codec is corresponding itsef, the code is corresponding itsef, the codec is corresponding itsef, the default value is codec is corresponding itsef, the default value is or codec is corresponding itsef, the default value is or codec is codec is <br< th=""><th></th><th>PCMU,</th><th></th></br<>		PCMU,	
default       account.1.codec.pcmu.ena         yalue is       ble = 1         ii       when       account.1.codec.pT29.ena         pCMA,       ble = 1         the       account.1.codec.g729.ena         PCMA,       ble = 1         the       account.1.codec.g726-32.         i:       enable = 0         value is       account.1.codec.g726-32.         i:       enable = 0         When       account.1.codec.g723_63.         audio       account.1.codec.g723_53.         the       enable = 0         codec is       enable = 0         default       Note: The name of audio         value is       codec in this parameter         i;       should be the correct one         When       as listed in the above         audio       example, otherwise the         codecis       cordec is         codecis       corresponding         iLBC, the       configuration will not take         default       effect.         value is       o         0;       When         audio       codec is         codec is       cordec is         org26-32       , the <tr< td=""><td></td><td>the</td><td>_</td></tr<>		the	_
value isble = 11;accountl.codec.pcma.enaaudioble = 1audioble = 1codec isaccountl.codec.g729.enaPCMA,ble = 1theaccountl.codec.g726.32.1;enable = 0value isaccountl.codec.g726.32.1;enable = 0audioaccountl.codec.g723_63.codec isenable = 0audioaccountl.codec.g723_53.theenable = 0defaultNote: The name of audiovalue iscodec in this parameter1;should be the correct oneaudioexample, otherwise thecodec iscorrespondingiLBC, theconfiguration will not takedefaulteffect.value iscodec iscodec isG726-32, thedefaultvalue iscodec iscodec iscorrespondingiLBC, theconfiguration will not takedefaulteffect.value iscodec is0;Whenaudiocodec iscodec isG726-32, thedefaultvalue is0;Whenaudioaudiocodec iscodec isG726-32, thedefaultvalue iscodec is0;Whenaudiocodec is0;Whenaudiocodec is0;Whenaudiocodec is0;When<		default	
1account.1.codec.pcma.ena ble = 1audioaudiocodec isaccount.1.codec.g729.ena ble = 1PCMA,ble = 1theaccount.1.codec.ibc.enabl defaultdefaulte = 0value isaccount.1.codec.g726-32. enable = 0audioaccount.1.codec.g723_63. enable = 0codec isenable = 0G729,account.1.codec.g723_53. thetheenable = 0defaultNote: The name of audio value iscodec iscodec in this parameter 1;1,should be the correct one audio example, otherwise the codec iscodec iscorresponding iLBC, theiLBC, theconfiguration will not take default value is0;When audio codec is0;When audio audioaudio codec isG726-32 , the defaultualisof;When audio codec isG726-32 , the defaultualisof;When audio codec isG726-32 , the defaultualisis0;When audioaudio codec isG726-32 , the defaultualio is0;When audio0;When audio1;1;1;1;1;1;1;1;1;1;1;1;1;1;1		value is	
ble = 1 audio codec is PCMA, ble = 1 the account.1.codec.g729.ena bPCMA, ble = 1 the account.1.codec.ib.c.enabl default value is account.1.codec.g726-32. i; enable = 0 audio account.1.codec.g723_63. enable = 0 default value is codec is G729, account.1.codec.g723_63. enable = 0 default value is codec in the parameter i; should be the correct one audio example, otherwise the codec is G726-32 , the default value is 0; When audio codec is G726-32 (Codec is G726-33 (Codec is G726-34 (Codec is G726-34 (Codec is G726-34 (Codec is G726-34 (Codec is (Codec is (		1;	
action       account.1.codec.g729.ena         PCMA,       ble = 1         the       account.1.codec.ilbc.enabl         default       e = 0         value is       account.1.codec.g726-32.         1;       enable = 0         When       account.1.codec.g723_63.         audio       account.1.codec.g723_63.         codec is       enable = 0         G729,       account.1.codec.g723_53.         the       enable = 0         default       Note: The name of audio         value is       codec is         codec is       codec is         iBEC, the       configuration will not take         default       effect.         value is       0;         When       audio         codec is       G726-32         ; the       default         value is       0;         When       audio         codec is       G726-32         ; the       default         value is       0;         When       audio         audio       codec is         G726-32       ; the         value is       0;         When       audio		When	account.1.codec.pcma.ena
PCMA, the default value is account.1.codec.ilbc.enabl default value is account.1.codec.g726-32. 1; enable = 0 account.1.codec.g723_63. enable = 0 G729, account.1.codec.g723_53. enable = 0 default value is codec is is codec in the above audio example, otherwise the codec is ilbcc, the codec is ilbcc, the codec is G726-32, the enable = 0When audio value is code in the above audio value is code is ilbcc, the code is corresponding ilbcc, the code is ilbcc, the code is ilbcc, the code is ilbcc, the code is corresponding ilbcc, the default value is o; When audio codec is G726-32 the default value is o; When audio codec is G726-32 the default value is o; When audio codec is G726-32 the default value is o; When audio code is G723_63ble = 1 account.1.codec.g723_63		audio	ble = 1
theaccount.1.codec.ilbc.enabldefaulte = 0value isaccount.1.codec.g726-32.1;enable = 0audioaccount.1.codec.g723_63.enable = 0g729,account.1.codec.g723_53.theenable = 0defaultNote: The name of audiovalue iscodec in this parameter1;should be the correct oneWhenas listed in the aboveaudioexample, otherwise thecodec iscorrespondingiLBC, theconfiguration will not takedefaulteffect.value iscocodec isG726-32i, thedefaultaudiocodec iscodec isG726-320;Whenaudiocodec isG726-32,0;Whenaudiocodec isG726-32,0;Whenaudiocodec isG726-32,0;Whenaudiocodec is0;Whenaudiocodec is0;Whenaudiocodec is0;Whenaudiocodec is0;Whenaudiocodec is0;Whenaudiocodec is0;Whenaudiocodec is0;Whenaudiocodec is0;When0;When0;When0;When<		codec is	account.1.codec.g729.ena
default contactorections value is account.1.codec.g726-32. 1; enable = 0 When account.1.codec.g723_63. enable = 0 G729, account.1.codec.g723_53. the enable = 0 default Note: The name of audio value is codec in this parameter 1; should be the correct one When as listed in the above audio example, otherwise the codec is corresponding iLBC, the configuration will not take default effect. value is 0; When audio codec is G726-32 , the default value is 0; When audio codec is G726-32 , the default value is 0; When audio codec is G726-32 , the default value is 0; When audio codec is G726-32 (); When audio codec is G726-32 ();			ble = 1
value is 1; when audio codec is G729, the default value is code cis codec is code cis code cis code cis code cis code cis code cis code cis code cis code cis code cis corresponding iLBC, the configuration will not take default value is corresponding iLBC, the configuration will not take default value is code cis corresponding iLBC, the configuration will not take default value is code cis corresponding iLBC, the configuration will not take default value is code cis code cis co		the	account.1.codec.ilbc.enabl
1:account_1.codec.g726-32.whenaudioaudioaccount_1.codec.g723_63.enable = 0account_1.codec.g723_53.theenable = 0defaultNote: The name of audiovalue iscodec in this parameter1;should be the correct oneWhenas listed in the aboveaudioexample, otherwise thecodec iscorrespondingiLBC, theconfiguration will not takedefaulteffect.value is0;Whenaudiocodec isG726-32, thedefaultvalue is0;Whenaudiocodec isG723_63		default	e = 0
1;enable = 0when audio codec is G729,account.1.codec.g723_63. enable = 0g729, theaccount.1.codec.g723_53. enable = 0default value is ulticode codec is codec in this parameter1;should be the correct one audio example, otherwise the codec is correspondingudio iLBC, the codec is corresponding0; When audio codec is corresponding0; When audio codec is corresponding0; When audio codec is corresponding0; When audio codec is coresponding0; When audio codec is G726-32 , the default value is 0; When audio codec is G726-32 codec is G723_63		value is	account.1.codec.g726-32
audio       account.1.codec.g723_63.         codec is       enable = 0         G729,       account.1.codec.g723_53.         the       enable = 0         default       Note: The name of audio         value is       codec in this parameter         1;       should be the correct one         When       as listed in the above         audio       example, otherwise the         codec is       corresponding         iLBC, the       configuration will not take         default       effect.         value is       0;         When       audio         codec is       G726-32         , the       default         value is       0;         When       audio         codec is       G726-32         , the       default         value is       0;         When       audio         codec is       G726-32         , the       default         value is       0;         When       audio         codec is       G723_63			_
adulo codec is G729, account.1.codec.g723_53. the enable = 0 default Note: The name of audio value is codec in this parameter 1; should be the correct one audio example, otherwise the codec is corresponding iLBC, the configuration will not take default effect. value is 0; When audio codec is G726-32 , the default value is 0; When audio codec is G723_63			account.1.codec.g723_63.
G729,       account.1.codec.g723_53.         the       enable = 0         default       Note: The name of audio         value is       codec in this parameter         1;       should be the correct one         audio       example, otherwise the         codec is       corresponding         iLBC, the       configuration will not take         default       effect.         value is       0;         When       audio         codec is       corresponding         iLBC, the       configuration will not take         default       effect.         value is       0;         When       audio         codec is       G726-32         , the       default         value is       0;         When       audio         codec is       G726-32         , the       default         value is       0;         When       audio         codec is       G72.63			_
the the the default value is 1; should be the correct one audio example, otherwise the codec is corresponding iLBC, the codec is corresponding iLBC, the configuration will not take default value is 0; When audio codec is G726-32 , the default value is 0; When audio codec is G723_63			account.1.codec.g723_53.
Image: second			_
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1;       should be the correct one as listed in the above audio         audio       example, otherwise the codec is         codec is       corresponding         iLBC, the       configuration will not take         default       effect.         value is       0;         When       audio         codec is       configuration will not take         default       effect.         value is       0;         When       audio         codec is       G726-32         , the       default         default       value is         0;       When         audio       codec is         G726-32       , the         default       value is         0;       When         udio       codec is         G726-32       , the         udio       udio         codec is       G723_63			
When       as listed in the above         audio       example, otherwise the         codec is       corresponding         iLBC, the       configuration will not take         default       effect.         value is       0;         When       audio         audio       configuration will not take         default       effect.         Value is       0;         When       audio         codec is       G726-32         , the       default         value is       0;         When       audio         codec is       0;         When       audio         codec is       0;         When       audio         codec is       G726-32         , the       default         value is       0;         When       audio         codec is       G72_63			
audioexample, otherwise the codec iscode iscorrespondingiLBC, theconfiguration will not take defaultdefaulteffect.value is0;0;When audioaudiocodec isG726-32, the defaultdefaultvalue is0;, the defaultdufau0;Whenaudioaudiocodec isG726-32, the defaultvalue is0;Whenaudiocodec isG726-32g726-32, the defaultvalue is0;Whenaudiocodec isG726-32g723_63i			
codec iscorrespondingiLBC, theconfiguration will not takedefaulteffect.value is0;Whenaudioaudiocodec isG726-32, thedefaultvalue is0;Whenaudiocodec isG726-32, thedefaultvalue is0;Whenaudiocodec isG726-32, thedefaultvalue is0;Whenaudiocodec isG723_63i		audio	
iLBC, the configuration will not take effect. value is 0; When audio codec is G726-32, the default value is 0; When audio codec is G726-32, the default value is 0; When audio codec is G726-32 the default value is 0; When audio codec is G726-32 the default value is 0; When audio codec is G726-32 the default value is 0; When audio codec is G726-32 the default value is 0; When audio codec is G726-32 the default value is 0; When audio codec is G726-32 the default value is 0; When audio codec is G726-32 the default value is 0; When audio codec is G723_63 the default value is 0;		codec is	-
defaulteffect.value is0;Whenaudioaudiocodec isG726-32, thedefaultvalue isvalue is0;Vhenaudiocodec isG726-32gradegradevalue isgradevalue isgradevalue isgradevalue isgradecodec isgrade			
value is       value is         0;       When         audio       codec is         G726-32       , the         , the       default         value is       0;         0;       When         audio       codec is         G726-32       , the         default       value is         0;       When         audio       codec is         G723_63       G723_63			
0;       When         audio       codec is         G726-32       , the         default       value is         0;       When         audio       codec is         G726-32       , the         default       value is         0;       When         audio       codec is         G723_63       G723_63		value is	
Image: select of the select			
audiocodec isG726-32, thedefaultvalue is0;Whenaudiocodec isG723_63			
Image: second			
G726-32       , the         , the       default         value is       0;         When       audio         audio       codec is         G723_63       G723_63		codec is	
, the default value is 0;When audio codec is G723_63			
defaultvalue is0;Whenaudiocodec isG723_63		, the	
0; When audio codec is G723_63			
0; When audio codec is G723_63		value is	
audio codec is G723_63			
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G723_63		audio	
		codec is	
		G723_63	
, the		, the	
default			

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			value is 0; When audio codec is G723_53 , the			
	 		default value is 0; When			
Audio Codec	account.X.co dec. <payloa d_type&gt;.prio rity = (where <payload_ty pe&gt; should be replaced by the name of audio codec)</payload_ty </payloa 	Integer from 0 to 8	audio codec is G722, the default value is 1; When audio codec is PCMU, the default value is 2; When audio codec is PCMA, the default value is 3; When audio codec is G729, the default value is 4; When audio	Add	It configures the priority of the enabled audio codec for account X. Valid Audio Codec: G722, PCMU, PCMA, G729, iLBC, G726-32, G723_63, G723_53. Example: account.1.codec.g722.prio rity = 1 account.1.codec.pcmu.pri ority = 2 account.1.codec.pcma.pri ority = 3 account.1.codec.g729.prio rity = 4 Note: The priority of codec in disable codec list is not specified, and numerical value 1 is defined as the highest priority in the enable codec list. The name of audio codec in this parameter should be the correct one as listed in the above example, otherwise the corresponding configuration will not take effect.	MAC.cfg



			1		www.yealink.com	1
			codec is			
			G726_32			
			, the			
			default			
			value is			
			0;			
			When			
			audio			
			codec is			
			iLBC, the			
			default			
			value is			
			0;			
			When			
			audio			
			codec is			
			G723_53			
			, the			
			default			
			value is			
			0;			
			When			
			audio			
			codec is			
			G723_63			
			, the			
			default			
			value is			
			0;			
NAT&ICE	sip.nat_stun. enable =	0 or 1	0	Add	It enables or disables the STUN (Simple Traversal of UDP over NATs) feature on the IP DECT phone.	common .cfg
					0-Disabled	
					1-Enabled	
NAT&ICE	sip.nat_stun. server =	IP address or domain	Blank	Add	It configures the IP address or domain name of the STUN (Simple Traversal of UDP over NATs) server.	common .cfg
		name				
					Example:	
					sip.nat_stun.server =	



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					218.107.220.201 Note: It works only if the value of the parameter "sip.nat_stun.enable" is set to 1 (Enabled).	
NAT&ICE	sip.nat_stun. port =	Integer from 1024 to 65000	3478	Add	It configures the port of the STUN (Simple Traversal of UDP over NATs) server. Example: sip.nat_stun.port = 3478 Note: It works only if the value of the parameter "sip.nat_stun.enable" is set to 1 (Enabled).	common .cfg
NAT&ICE	network.stat ic_nat.enabl e =	0 or 1	0	Add	It enables or disables the manual NAT feature on the IP DECT phone. 0-Disabled 1-Enabled	common .cfg
NAT&ICE	network.stat ic_nat.addr =	IP address	Blank	Add	It configures the IP address to be advertised in SIP signaling. It should match the external IP address used by the NAT device. Example: network.static_nat.addr = 172.16.1.1 Note: It works only if the value of the parameter "network.static_nat.enable " is set to 1 (Enabled).	common .cfg
NAT&ICE	ice.enable =	0 or 1	0	Add	It enables or disables the ICE (Interactive Connectivity Establishment) feature on the IP DECT phone. 0-Disabled 1-Enabled	common .cfg



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NAT&ICE		sip.nat_turn. password =	String	Blank	Add	It configures the password to authenticate to the TURN (Traversal Using Relays around NAT) server. Example: sip.nat_turn.password = yealink1105 Note: It works only if the value of the parameter "sip.nat_turn.enable" is set to 1 (Enabled).	common .cfg
Register Basic	account.X .outboun d_host =	account.X.o utbound_pr oxy.Y.addres s =	IP address or domain name	Blank	Change	It configures the IP address or domain name of the outbound proxy server Y for account X. Example: account.1.outbound_prox y.1.address= 10.1.8.11 Note: It works only if the value of the parameter "account.X.outbound_pro xy_enable" is set to 1 (Enabled).	MAC.cfg
Register Basic	account.X .outboun d_port =	account.X.o utbound_pr oxy.Y.port =	Integer from 0 to 65535	5060	Change	It configures the port of the outbound proxy server Y for account X. Example: account.1.outbound_prox y.1.port = 5060 Note: It works only if the value of the parameter "account.X.outbound_pro xy_enable" is set to 1 (Enabled).	MAC.cfg
Register Basic	account.X .backup_ outboun d_host =	account.X.o utbound_pr oxy.Y.addres s =	IP address or domain name	Blank	Change	It configures the IP address or domain name of the outbound proxy server Y for account X. Example:	MAC.cfg



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						account.1.outbound_prox y.1.address = 10.1.8.11 Note: It works only if the value of the parameter "account.X.outbound_pro xy_enable" is set to 1 (Enabled).	
Register Basic	account.X .backup_ outboun d_port =	account.X.o utbound_pr oxy.Y.port =	Integer from 0 to 65535	5060	Change	It configures the port of the outbound proxy server Y for account X. Example: account.1.outbound_prox y.1.port = 5060 Note: It works only if the value of the parameter "account.X.outbound_pro xy_enable" is set to 1 (Enabled).	MAC.cfg