

Yealink DECT IP Phone Release Notes of Version 83

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Yealink DECT IP Phone Release Notes of Version x.83.0.90

1. Introduction

- Firmware Version:
W56H: 61.83.0.80 upgrades to 61.83.0.90.
W53H: 88.83.0.80 upgrades to 88.83.0.90.
CP930W: 87.83.0.50 upgrades to 87.83.0.60
- Applicable Models: W56H, W53H, CP930W
- Release Date: Dec 25th, 2019.

2. New Features

1. Fully compatible with Yealink W60B and W80B base station.
2. Comply with Hearing Aid Compatibility (HAC) Regulations.

3. Optimization

None

4. Bug Fixes

None

5. New Features Description

1. Fully compatible with Yealink W60B and W80B base station.

Description: The compatibility is shown as below:

	W56H (61.83.0.90 or later)	W53H (88.83.0.90 or later)	CP930W (87.83.0.90 or later)
W60B	77.81.0.10 or later	77.83.0.10 or later	77.83.0.20 or later

W80B	103.83.0.30 or later	103.83.0.30 or later	103.83.0.65 or later
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Yealink DECT IP Phone Release Notes of Version x.83.0.65

1. Introduction

- Firmware Version:
W60B: 77.83.0.25 upgrades to 77.83.0.65.
- Applicable Models: W60B
- Release Date: Sept 9th, 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 DECT IP Phone Release Notes of Version x.83.0.30

1. Introduction

- Firmware Version:
CP930W: 87.83.0.20 upgrades to 87.83.0.30.
- Applicable Models: CP930W
- Release Date: March 20th, 2019.

2. New Features

None

3. Optimization

None

4. Bug Fixes

1. Fixed an issue.

Yealink DECT IP Phone Release Notes of Version x. 83.0.25

1. Introduction

- Firmware Version:
W60B: 77.83.0.20 upgrades to 77.83.0.25.
- Applicable Models: W60B
- Release Date: Jan 2nd, 2019.

2. New Features

1. Supported the new tool for SHA256 certificate programming.

3. Optimization

None

4. Bug Fixes

None

Yealink DECT IP Phone Release Notes of Version x. 83.0.20

1. Introduction

- Firmware Version:
W60B: 77.83.0.10 upgrades to 77.83.0.20.
- Applicable Models: W60B
- Release Date: Nov 27th, 2018.

2. New Features

1. Supported Yealink DECT Conference Phone CP930W.

3. Optimization

None

4. Bug Fixes

None

Yealink DECT IP Phone Release Notes of Version x. 83.0.10

1. Introduction

- Firmware Version:
W60B: 77.81.0.40 upgrades to 77.83.0.10.
W56H: 61.81.0.40 upgrades to 61.83.0.10.
- Applicable Models: W60B, W56H
- Release Date: Sept 10th, 2018.

2. New Features

2. Added the feature of Shared Directory.
3. Added the feature of BroadSoft Silent Alerting.
4. Added the feature of BroadSoft Remote Office.
5. Added the feature of BroadSoft Simultaneous Ring Personal.
6. Added the feature of BroadWorks Anywhere.
7. Added the feature of BroadSoft Line ID Blocking.
8. Added the feature that you can view the BroadSoft call logs for a specific line.
9. Added the feature of Incoming Signaling Validation.

3. Optimization

1. Optimized the feature of Upgrading Firmware.
2. Optimized the feature of Redirection and Provisioning Service (RPS).
3. Optimized the feature of XSI Authentication.

4. Bug Fixes

None

5. New Features Descriptions

1. Added the feature of Shared Directory.

Description: Users can share directory among all handsets that are registered on the same base station. The shared directory can store up to 100 contacts.

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

static.directory_setting.shared_contact.enable =
shared_contact_list.url =

2. Added the feature of BroadSoft Silent Alerting.

Description: When an incoming call arrives, the BroadWorks server sends INVITE to the phone with Alert-Info:<http://127.0.0.1/silent>. Then the IP phone automatically plays the silent ring tone (Silent.wav).

3. Added the feature of BroadSoft Remote Office.

Description: Remote Office feature allows you to use an off-site phone. You can forward all incoming calls to your DECT IP phone to a remote office number when you are away from the office. With the Remote Office feature, you can use any device (mobile phone, hotel phone or home phone) to answer calls, and any calls you place to contacts from your remote office number shows your office phone number on the caller ID. This ensures that you never miss a call.

4. Added the feature of BroadSoft Simultaneous Ring Personal.

Description: You can use Simultaneous Ring Personal feature to list up to 10 phones you would like to ring in addition to your primary phone when you receive an incoming call. This feature is helpful when you are not at your DECT IP phone but you would like your mobile phone to ring when you receive an incoming call. When your primary phone receives an incoming call, the predefined secondary phones ring simultaneously. The first phone answering the call is connected to the caller and all other phones prompt a missed call message on the LCD screen.

5. Added the feature of BroadWorks Anywhere.

Description: You can use BroadWorks Anywhere feature to place and receive calls from any device, at any location, with only one phone number, one dial plan, one voice mailbox, and a unified set of features. When there is a call on the DECT IP phone, you are free to pick up any other phone and retrieve the call on that phone to continue the conversation. For example, if you are on a call on your DECT IP phone and need to leave the office, you can pull the call to your mobile phone.

6. Added the feature of BroadSoft Line ID Blocking.

Description: You can use Line ID Blocking feature to block the identity and phone number from showing up to the called party when you call someone. For example, you want to call to consult some of the services, but you don't want to be harassed.

7. Added the feature of Incoming Signaling Validation.

Description: Yealink IP phones support the following three optional levels of security for validating incoming network signaling: Source IP address validation, Digest authentication and Source IP address validation and digest authentication.

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

```
sip.request_validation.source.list =  
sip.request_validation.digest.list =  
sip.request_validation.digest.realm =  
sip.request_validation.event =
```

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.

7. Configuration Parameters Enhancements

Auto Provision Template Flies Change Log							
Firmware Version: [x.81.0.40]-[x.83.0.10]							
Feature	Provisioning syntax Comparison		Permitted Values	Default Value	Action	Description	File
	x.81.0.40	x.83.0.10					
IPv4		static.network.static_dns_enable =	0 or 1	0	Add	It triggers the static DNS feature to on or off. Note: It works only if "static.network.internet_port.type" is set to 0 (DHCP). 0-Off, the IP phone will use the IPv4 DNS obtained from DHCP. 1-On, the IP phone will use manually configured static IPv4 DNS.	common.cfg
Time and Date Format		lcl.datetime.date.format =	Any combination of W, M, D and the separator (for example, space, dash,	Blank	Add	It configures the display format of the date.	common.cfg

			<p>slash). Any combination of Y, M, D, W and the separator (for example, space, dash, slash). Use the following mapping: Y = year, M = month, D = day, W = day of week "Y"/"YY" represents a two-digit year, more than two "Y" letters (for example, YYYY) represent a four-digit year; "M"/"MM" represents a two-digit month, "MMM" represents the abbreviation of the month, three or more than three "M" letters (for example, MMM) represent</p>				
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			<p>the long format of the month; One or more than one "D" (for example, DDD) represents a two-digit day; "W"/"WW" represents the abbreviation of the day of the week, three or more three "W" letters (for example, WWW) represent the long format of the day of the week. For the more rules, refer to Date Customization Rule. Note: It will take effect on all handsets that are registered on the same base station. If configured, users can only</p>				
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			change the date format via the handset.				
Accounts Registration	account.X.outbound_host =	account.X.outbound_proxy.Y.address =	IP address or domain name	Blank	Change	<p>It configures the IP address or domain name of the outbound proxy server Y.</p> <p>Example: account.1.outbound_proxy.1.address = 10.1.8.11</p> <p>Note: It works only if "account.X.outbound_proxy_enable" is set to 1 (Enabled).</p>	MAC.cfg
Accounts Registration	account.X.outbound_port =	account.X.outbound_proxy.Y.port =	Integer from 0 to 65535	5060	Change	<p>It configures the port of the outbound proxy server Y.</p> <p>Example: account.1.outbound_proxy.1.port = 5060</p> <p>Note: It works only if "account.X.outbound_proxy_enable" is set to 1 (Enabled).</p>	MAC.cfg
Audio Codecs		account.X.codec.<payload_type>.enable =	0 or 1	When the audio codec is G722, the default value is 1; When the audio codec is PCMU, the default value is	Add	<p>It enables or disables the specified audio codec. The name of the audio codec:</p> <p>g722-G722 pcmu-PCMU pcma-PCMA g729-G729 g726_16-G726-16 g726_24-G726-24 g726_32-G726-32 g726_40-G726-40 opus-opus ilbc-iLBC</p> <p>Example: account.1.codec.g722.enable = 1</p>	MAC.cfg

				<p>1; When the audio codec is PCMA, the default value is 1; When the audio codec is G729, the default value is 1; When the audio codec is G726-16, the default value is 0; When the audio codec is G726-24, the default value is 0; When the audio codec is G726-32, the default</p>		<p>Note: The name of the audio codec in this parameter should be the correct one as listed in the above example, otherwise the corresponding configuration will not take effect. 0-Disabled 1-Enabled</p>	
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				value is 0; When the audio codec is G726-40, the default value is 0; When the audio codec is opus, the default value is 0; When the audio codec is iLBC, the default vaule is 0;			
Audio Codecs		account.X.codec.<payload_type>.priority =	Integer from 0 to 10	When the audio codec is G722, the default value is 1; When the audio codec is PCMU, the default	Add	It configures the priority of the enabled audio codec. The name of the audio codec: g722-G722 pcmu-PCMU pcma-PCMA g729-G729 g726_16-G726-16 g726_24-G726-24 g726_32-G726-32 g726_40-G726-40 opus-opus	MAC.cfg

				<p>value is 2; When the audio codec is PCMA, the default value is 3; When the audio codec is G729, the default value is 4; When the audio codec is G726_16, the default value is 0; When the audio codec is G726_24, the default value is 0; When the audio codec is G726_32, the</p>		<p>ilbc-iLBC Example: account.1.codec.g722.priority = 1 Note: The priority of the 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 the audio codec in this parameter should be the correct one as listed in the above example, otherwise the corresponding configuration will not take effect.</p>	
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				<p>default value is 0; When the audio codec is G726_40, the default value is 0; When the audio codec is opus, the default value is 0; When the audio codec is iLBC, the default value is 0;</p>			
MWI for Voice Mail		<p>account.X. display_mwi.enable =</p>	0 or 1	1	Add	<p>It enables or disables the MWI alert to indicate that you have an unread voicemail message. Note: It always works at the time of Unsolicited MWI; at the time of solicited MWI, MWI subscription feature should be configured in advance. To present audio MWI, you also need to set "features.voice_mail_tone_enable" to 1</p>	MAC.cfg

						(Enabled) in advance. 0-Disabled, 1-Enabled, the View Voice Mail menu displays a message summary with counts. If "features.voice_mail_tone_enable" and "phone_setting.mail_power_led_flash_enable" are set to 1 (Enabled), users receive a visual and audio alert when they have new voicemail messages available on their phone.	
Accounts Registration		account.X.reg_failed_retry_min_time =	Integer greater than or equal to 0	0	Add	It configures the base time to wait (in seconds) for the IP phone to retry to re-register account X when registration fails. Note: It is used in conjunction with the parameter "account.X.reg_failed_retry_max_time" to determine how long to wait. The algorithm is defined in RFC 5626. We recommend you to set this value to an integer between 10 to 120, if needed. If the values of this parameter and the parameter "account.X.reg_failed_retry_max_time" are set to 0, the interval configured by "account.X.reg_fail_retry_interval" will be used.	MAC.cfg
Accounts Registration		account.X.reg_failed_r	Integer greater than	60	Add	It configures the	MAC.cfg

on		etry_max_time =	or equal to 0			<p>maximum time to wait (in seconds) for the IP phone to retry to re-register the account X when registration fails.</p> <p>Note: It is used in conjunction with the parameter "account.X.reg_failed_retry_min_time" to determine how long to wait. The algorithm is defined in RFC 5626. We recommend you to set this value to an integer between 60 to 1800, if needed. If the values of this parameter and the parameter "account.X.reg_failed_retry_min_time" are set to 0, the interval configured by "account.X.reg_fail_retry_interval" will be used.</p>	
Broadsoft Network Directory		bw.xsi.directory.enable =	0 or 1	0	Add	<p>It enables or disables the network directory feature for the IP phone.</p> <p>Note: It works only if "bw.xsi.enable" is set to 1 (Enabled).</p> <p>0-Disabled 1-Enabled</p>	common.cfg
Broadsoft XSI		sip.authentication_for_xsi =	0 or 1	0	Add	<p>It configures the authentication mechanism for the XSI access.</p> <p>Note: It works only if "bw.xsi.enable" is set to 1 (Enabled).</p> <p>0-User Login Credentials for XSI Authentication),</p>	common.cfg

						<p>the IP phone uses the XSI user ID and password for XSI authentication.</p> <p>1-SIP Credentials for XSI Authentication, the IP phone uses the XSI user ID, the register name and password of the SIP account for XSI authentication.</p>	
Broadsoft Call Park		account.x.c allpark_ena ble =	0 or 1	1	Add	<p>It enables or disables call park subscription.</p> <p>0-Disabled 1-Enabled</p>	MAC.cfg
SIP		account.x.c heck_cseq. enable =	0 or 1	1	Add	<p>It enables or disables the IP phone to check if the CSeq sequence number in the request is lower than that in the previous request on the same dialog.</p> <p>0-Disabled 1-Enabled. If the CSeq sequence number in the request is lower than that in the previous request, the IP phone will reject the request.</p>	MAC.cfg
SIP		account.x.c heck_to_ta g.enable =	0 or 1	0	Add	<p>It enables or disables the IP phone to check if the To-tag is carried in the To header in renewal request.</p> <p>0-Disabled 1-Enabled. If the To-tag does not exist, the IP phone will reject the request.</p>	MAC.cfg
Call Hold		account.x.h old_use_in active =	0 or 1	0	Add	<p>It enables or disables the IP phone to use inactive</p>	MAC.cfg

						<p>outgoing hold signaling.</p> <p>Note: It works only if "sip.rfc2543_hold" is set to 0 (Disabled).</p> <p>0-Disabled, SDP media direction attribute "a=sendonly" is used when placing a call on hold.</p> <p>1-Enabled, SDP media direction attribute "a=inactive" is used when placing a call on hold. RTP packets will not be sent or received.</p>	
SCA		account.x.line_seize.expires =	Integer from 0 to 65535	15	Add	<p>It configures the line-seize subscription expiration time (in seconds).</p> <p>Note: It works only if "account.X.shared_line" is set to 1 (Shared Call Appearance).</p>	MAC.cfg
MWI for Voice Mail		account.x.subscription_fail_retry_interval =	Integer from 0 to 3600	30	Add	<p>It configures the interval (in seconds) for the IP phone to retry to re-subscribe when subscription fails.</p>	MAC.cfg
Incoming Signaling Validation		sip.request_validation.source.list =	A valid string	Blank	Add	<p>It configures the name of the request method for which source IP address validation will be applied.</p> <p>It is used to ensure the request that is received from the IP address of a SIP server.</p> <p>Example: sip.request_validation.source.list = INVITE, NOTIFY</p>	common.cfg
Incoming Signaling		sip.request_validation.	A valid string	Blank	Add	<p>It configures the name of the request method for</p>	common.cfg

Validation		digest.list =				<p>which digest authentication will be applied.</p> <p>It is used to challenge requests with digest authentication that use the local credentials for the associated registered account.</p> <p>Example: sip.request_validation.digest.list = INVITE, SUBSCRIBE</p>	
Incoming Signaling Validation		sip.request_validation.event =	A valid string	Blank	Add	<p>It configures which events specified within the Event header of SUBSCRIBE or NOTIFY request should be validated when performing the digest authentication.</p> <p>If it is left blank, all events will be validated.</p>	common.cfg
Incoming Signaling Validation		sip.request_validation.digest.realm =	A valid string	YealinkS PIP	Add	<p>It configures the string used for authentication parameter Realm when performing the digest authentication.</p>	common.cfg
Firmware Upgrade		over_the_air.handset_trigger =	0 or 1	1	Add	<p>It enables or disables to upgrade the handset firmware compulsively when the handset is registered to a base station or turned on successfully.</p> <p>It is only applicable when the current handset firmware is different with the one on provisioning server.</p> <p>Note: It is not applicable to DD phones.</p>	common.cfg

						<p>0-Disabled, if "over_the_air.handset_tip" is set to 1 (Enabled), it will pop up a tip on the handset to notify the user to confirm upgrading the firmware or not. If "over_the_air.handset_tip" is set to 0, you may go to Settings->Upgrade Firmware on the handset to trigger the upgrading manually.</p> <p>1-Enabled, it will upgrade the handset firmware compulsively without a pop-up tip on the handset.</p>	
Firmware Upgrade		over_the_air.url.w53h =	URL within 511 characters	Blank	Add	<p>It configures the access URL of the W53H handset firmware file.</p> <p>Example: over_the_air.url.w53h = http://192.168.1.20/88.83.0.10 rom</p> <p>Note: The priority of parameter "over_the_air.url.w53h" is higher than "over_the_air.url".</p>	common.cfg
Settings		static.auto_provision.handset_configured.enable =	0 or 1	1	Add	<p>It enables or disables the base station to deliver custom handset configurations to the handset via auto provisioning/handset reboot/handset registration.</p> <p>Note: It is only applicable to the custom handset related configurations.</p>	common.cfg

						<p>0-Disabled, the custom handset settings can be only changed via handset user interface.</p> <p>1-Enabled, when the parameter "static.auto_provision.custom.handset.protect" is set to 0 (Disabled), the personalized handset settings will be overridden; if the parameter "static.auto_provision.custom.handset.protect" is set to 1 (Enabled), the personalized handset settings will not be overridden.</p>	
Settings		static.auto_provision.custom.handset.protect =	0 or 1	1	Add	<p>It enables or disables the handsets to keep user personalized settings after auto provisioning/handset reboot/handset registration.</p> <p>Note: It works only if "static.auto_provision.handset_configured.enable" is set to 0 (Disabled). It is only applicable to the custom handset related configurations. It is not applicable to DD phones.</p> <p>0-Disabled 1-Enabled</p>	common.cfg
CDP		static.network.cdp.enable =	0 or 1	1	Add	<p>It enables or disables the CDP (Cisco Discovery Protocol) feature on the IP phone.</p> <p>0-Disabled</p>	common.cfg

						1-Enabled, the IP phone will attempt to determine its VLAN ID through CDP.	
CDP		static.network.cdp.packet_interval =	Integer from 1 to 3600	60	Add	It configures the interval (in seconds) at which the IP phone sends the CDP (Cisco Discovery Protocol) request. Note: It works only if "static.network.cdp.enable" is set to 1 (Enabled).	common.cfg
Voice and SIP QoS	static.network.qos.rtp_tos =	static.network.qos.audiotos =	Integer from 0 to 63	64	Change	It configures the DSCP (Differentiated Services Code Point) for voice packets. The default DSCP value for RTP packets is 46 (Expedited Forwarding).	common.cfg
Network_Advanced	static.network.dhcp.server_mac1 =		MAC Address	Blank	Delete	It configures the MAC address 1 that the IP DECT phone use to authenticate the DHCP server. If the authentication is successful, the phone will use the IP address offered by this server. Example: static.network.dhcp.server_mac1= 64:70:02:9E:D6:92 Note: It has a higher priority than the value defined by the paramter "static.network.dhcp.server_mac2".	common.cfg
Network_Advanced	static.network.dhcp.server_mac2 =		MAC Address	Blank	Delete	It configures the MAC address 2 that the IP DECT phone use to authenticate the DHCP server. If the authentication is successful, the phone will use the IP address offered	common.cfg

						by this server. Example: static.network.dhcp.server _mac2= 64:70:02:9E:D6:92 Note: If both the MAC address1 and MAC address 2 fail to authenticate, the phone use the IP address offered by other DHCP servers in the network.	
LED	features.re gistered_p ower_led_fl ash.enable =		0 or 1	0	Delete	It enables or disables the base power indicator LED to flash when registering an account successfully. 0-Disabled (base power indicator LED does not flash) 1-Enabled (base power indicator LED slow flashes (1000ms) green)	common .cfg
Watch Dog		static.watc h_dog.ena ble =	0 or 1	1	Add	It enables or disables the Watch Dog feature. 0-Disabled 1-Enabled, the IP phone will reboot automatically when the system crashed.	common .cfg
Syslog		static.syslo g.server =	IP address or domain name	Blank	Add	It configures the IP address or domain name of the syslog server when exporting log to the syslog server. Example: static.syslog.server = 192.168.1.100	common .cfg
Syslog		static.syslo g.server_p ort =	Integer from 1 to 65535	514	Add	It configures the port of the syslog server. Example: static.syslog.port = 515	common .cfg
Shared		static.direc	0 or 1	0	Add	It enables or disables the	common

Directory		<p>static.directory_setting.shared_contact.enable =</p>				<p>Shared Directory feature.</p> <p>Note: It is not applicable to DD phones.</p> <p>0-Disabled 1-Enabled</p>	.cfg
Shared Directory		<p>shared_contact_list.url =</p>	<p>URL within 511 characters</p>	Blank	Add	<p>It configures the access URL of the shared contact file (*.xml) of the handsets.</p> <p>Example: shared_contact_list.url = http://192.168.10.25/contact.xml</p> <p>Note: It works only if "static.directory_setting.shared_contact.enable" is set to 1 (Enabled). It is not applicable to DD phones.</p>	common.cfg
LDAP		<p>ldap_customize_label =</p>	<p>String within 99 characters</p>	Blank	Add	<p>It configures the display name of the LDAP phone book.</p> <p>Example: ldap_customize_label = Friends</p> <p>"Friends" will be displayed on the LCD screen at the path OK->Directory.</p> <p>If it is left blank, "LDAP" will be the displayed on the LCD screen at the path OK->Directory.</p> <p>Note: It works only if "ldap.enable" is set to 1 (Enabled).</p>	common.cfg
DTMF Digit		<p>features_dtmf.volume =</p>	<p>Integer from -33 to 0</p>	-10	Add	<p>It configures the volume of the DTMF tone (in db).</p>	common.cfg
NAT	<p>sip_nat_stun.enable</p>	<p>static_sip_nat_stun.enable =</p>	<p>0 or 1</p>	0	Change	<p>It enables or disables the STUN (Simple Traversal of UDP over NATs) feature on the IP phone.</p>	common.cfg

						0-Disabled 1-Enabled	
NAT	static.sip.nat_stun.port =	static.sip.nat_stun.port =	Integer from 1024 to 65535	3478	Change	It configures the port of the STUN (Simple Traversal of UDP over NATs) server. Example: static.sip.nat_stun.port = 3478 Note: It works only if "static.sip.nat_stun.enable" is set to 1 (Enabled).	common.cfg
NAT	static.sip.nat_stun.server =	static.sip.nat_stun.server =	IP Address or Domain Name	Blank	Change	It configures the IP address or domain name of the STUN (Simple Traversal of UDP over NATs) server. Example: static.sip.nat_stun.server = 218.107.220.201 Note: It works only if "static.sip.nat_stun.enable" is set to 1 (Enabled).	common.cfg
NAT	static.sip.nat_turn.enable =	static.sip.nat_turn.enable =	0 or 1	0	Change	It enables or disables the TURN (Traversal Using Relays around NAT) feature on the IP phone. 0-Disabled 1-Enabled	common.cfg
NAT	static.sip.nat_turn.server =	static.sip.nat_turn.server =	IP Address or Domain Name	Blank	Change	It configures the IP address or the domain name of the TURN (Traversal Using Relays around NAT) server. Example: static.sip.nat_turn.server = 218.107.220.202 Note: It works only if "static.sip.nat_turn.enable"	common.cfg

						is set to 1 (Enabled).	
NAT	static.sip.nat_turn.port =	static.sip.nat_turn.port =	Integer from 1024 to 65535	3478	Change	It configures the port of the TURN (Traversal Using Relays around NAT) server. Example: static.sip.nat_turn.port = 3478 Note: It works only if "static.sip.nat_turn.enable" is set to 1 (Enabled).	common.cfg
NAT	static.sip.nat_turn.username =	static.sip.nat_turn.username =	String	Blank	Change	It configures the user name to authenticate to TURN (Traversal Using Relays around NAT) server. Example: static.sip.nat_turn.username = admin Note: It works only if "static.sip.nat_turn.enable" is set to 1 (Enabled).	common.cfg
Static DNS	static.network.dns.ttl_enable =	static.network.dns.ttl_enable =	0 or 1	1	Change	It enables or disables the phone to use TTL (Time To Live) in the A record. 0-Disabled 1-Enabled	common.cfg
TLS	static.phone_setting.reserve_certificates_enable =	static.phone_setting.reserve_certificates_enable =	0 or 1	0	Add	It enables or disables the IP phone to reserve custom certificates after it is reset to factory defaults. 0-Disabled 1-Enabled	common.cfg
TLS	static.security.default_ssl_method =	static.security.default_ssl_method =	0, 3, 4 or 5	53	Add	It configures the TLS version the IP phone uses to authenticate with the server. 0-TLS 1.0 only 3-SSL V23 (automatic negotiation with the	common.cfg

						server. The phone starts with TLS1.2 for negotiation.) 4-TLS 1.1 only 5-TLS 1.2 only	
RTCP-XR		voice.rtcp.enable =	0 or 1	1	Add	It enables or disables the IP phone to send RTCP packets. 0-Disabled 1-Enabled	common .cfg
RTCP-XR		voice.rtcp_cname =	String	Blank	Add	It configures the cname of the RTCP packets.	common .cfg
NAT		static.network.static_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: static.network.static_nat.addr = 10.3.5.33 Note: It works only if "static.network.static_nat.enable" is set to 1 (Enabled).	common .cfg
NAT		static.network.static_nat.enable =	0 or 1	0	Add	It enables or disables the manual NAT feature on the IP phone. 0-Disabled 1-Enabled	common .cfg
NAT		static.sip_nat_turn.password =	String	Blank	Add	It configures the password to authenticate to the TURN (Traversal Using Relays around NAT) server. Example: static.sip_nat_turn.password = yealink1105 Note: It works only if	common .cfg

						"static.sip.nat_turn.enable" is set to 1 (Enabled).	
Web Setting	web_setting.logo_link =		URL within 511 characters	http://www.yealink.com	Delete	It configures the link to a page when clicking the logo on the web navigation bar.	common.cfg
Web Setting	web_setting.title =		URL within 511 characters	Yealink W56P Phone	Delete	It configures the web title of the IP DECT phones.	common.cfg
Web Setting	web_setting.model_name =		URL within 511 characters	Yealink W56P	Delete	It configures the model name on web navigation bar.	common.cfg
Web Setting	web_setting.color.url =		URL within 511 characters	Blank	Delete	It configures the access URL of web theme file. You can use the file to custom the menu. For example, you can custom the color or size of font. Example: web_setting.color.url = http://192.168.10.25/theme.cfg During the auto provisioning process, the IP DECT phone connects to the provisioning server "192.168.1.25", and downloads the web theme file "theme.cfg".	common.cfg
Web Setting	web_setting.picture.url =		URL within 511 characters	Blank	Delete	It configures the access URL of web navigation bar file. The web navigation bar file should be compressed as a TAR file in advance and then place it to the provisioning server. The compressed file (*.tar) contains the pictures of format: *.jpg, *.png, *.gif. You can use the file to custom the web navigation bar to display. For example, you	common.cfg

						can custom the logo. Example: web_setting.picture.url = http://192.168.10.25/picture.tar	
Web Setting	web_setting.picture.delete =		http://localhost/all	Blank	Delete	It deletes all web navigation bar files. Example: web_setting.picture.delete = http://localhost/all	common.cfg
Language	static.lang.wui	lang.wui =	English, French, German, Italian, Polish, Portuguese, Spanish, Turkish, Russian or the custom language name.	English	Change	It configures the language used on the web user interface.	common.cfg
Base PIN		base.double_pin_code.enable =	0 or 1	0	Add	It enables or disables double PIN feature. 0-Disabled, users use the PIN configured by "base.pin_code" to register the handset or access some features. 1-Enabled, users use the PIN configured by "base.pin_code_for_register" to register the handset, and use the PIN configured by "base.pin_code" to access some features.	common.cfg
Base PIN		base.pin_code_for_register =	Integer from 0000 to 9999	0000	Add	It configures the PIN for registering or de-registering a handset. Note: It works only if	common.cfg

						"base.double_pin_code.enable" is set to 1 (Enabled).	
Base		static.base.repeater_mode.enable =	0, 1 or 2	0	Add	It configures the repeater mode to extend the radio coverage of the base station. 0-Disabled 1-RT10, RT20 or RT20U 2-RT30	common.cfg
Directory Search		directory.search_type =	0 or 1	0	Add	It configures the search type when searching the contact in Local Directory or Remote Phone Book. 0-Approximate string matching, the IP phone will search the contact numbers or names contain the entered character(s). 1-Prefix matching, the IP phone will search the contact numbers or names start with the entered character(s).	common.cfg
Static DNS Cache	dns_cache_naptr.X.flags =		S, A, U or P	Blank	Delete	It configures the flag of NAPTR record X. (Always "S" for SIP, which means to do an SRV lookup on whatever is in the replacement field) S-Do an SRV lookup next A-Do an A lookup next U-No need to do a DNS query next P-Service customized by the user Example: dns_cache_naptr.1.flags = S	common.cfg

DND		features.dnd.allow =	0 or 1	1	Add	It enables or disables the DND feature. 0-Disabled, DND cannot be activated and users are not allowed to configure DND on the phone. 1-Enabled	common.cfg
Call Forward		features.fwd.allow =	Integer from 0 to 8	1	Add	It enables or disables the call forward feature. 0-Disabled, call forward feature is not available to the users. 1-Enabled	common.cfg
DTMF Digit		features.dtmf.repetition =	1, 2 or 3	3	Add	It configures the repetition times for the IP phone to send the end RTP Event packet during an active call	common.cfg
Registration		phone_setting.disable_account_without_username.enable =	0 or 1	0	Add	It enables or disables the IP phone to disable the account whose username is empty. 0-Disabled 1-Enabled	common.cfg
Call Settings		phone_setting.end_call_net_disconnect.enable =	0 or 1	0	Add	It enables or disables the IP phone to end the call if the network is unavailable during the call. 0-Disabled 1-Enabled, the IP phone will end the call and go to the Idle screen after 5 seconds.	common.cfg
Features_Others	features.cumulative_display_call_log.enable =		0 or 1	1	Delete	It enables or disables the IP DECT phone to display the same call log of a day cumulatively. 0-Disabled 1-Enabled If it is set to 0 (Disabled),	common.cfg

						<p>the same call log will display in a list respectively.</p> <p>If it is set to 1 (Enabled), the same call log of a day will display cumulatively.</p>	
XML Browser		push_xml.s ip_notify =	0 or 1	0	Add	<p>It enables or disables the IP phone to process the push XML via SIP NOTIFY message.</p> <p>0-Disabled 1-Enabled</p>	common .cfg
Search Source List		search_in_dialing.history.enable =	0 or 1	1	Add	<p>It enables or disables the IP phone to automatically search entries from the call log list, and display results on the pre-dialing/dialing screen.</p> <p>0-Disabled 1-Enabled</p>	common .cfg
CLIP & COLP		sip.cid_source.preference =	String	P-Preferred-Identity, P-Asserted-Identity, Remote-Party-ID, From	Add	<p>It configures the priority order for the sources of caller identity information. The headers can be in any order.</p> <p>Note: Yealink IP phones can derive caller identity from the following SIP headers: From, P-Asserted-Identity (PAI), P-Preferred-Identity and Remote-Party-ID (RPID). It works only if "account.X.cid_source" is set to 6 (PREFERENCE).</p>	common .cfg
SIP	sip.limit_server_name =		String within 256 characters	Blank	Delete	It configures the string that must be contained in the SIP server address.	common .cfg

Remote Phone Book		features.remote_phonebook.enable_update_enable =	0 or 1	0	Add	It enables or disables the IP phone to refresh the local cache of the remote phone book at a time when accessing the remote phone book. 0-Disabled 1-Enabled	common.cfg
RTP Ports		features.rtp_symmetrical.enable =	0, 1, 2 or 3	0	Add	It configures the symmetrical RTP (Real-Time Transport Protocol) feature on the IP phone. Note: IP address and port can be negotiated through the SDP protocol. 0-Disabled 1-reject RTP packets arriving from a non-negotiated IP address 2-reject RTP packets arriving from a non-negotiated port 3-reject RTP packets arriving from a non-negotiated IP address or a non-negotiated port	common.cfg
MWI for Voice Mail		features.voice_mail_alert.enable =	0 or 1	1	Add	It enables or disables the IP phone to pop up the message when receiving the same amount of new voicemails. 0-Disabled 1-Enabled	common.cfg
Handset		handset.x_hac.enable =	0 or 1	0	Add	It enables or disables the HAC (Hearing Aid Compatibility) handset settings. Note: It is not applicable	common.cfg

						to DD phones. 0-Disabled 1-Enabled	
RTCP-XR	voice.rtcp_interval =		Integer more than or equal to 0	5	Delete	It configures the interval (in seconds) for the IP DECT phone to send RTCP packets.	common.cfg
Broadsoft Setting	bw.feature_key_sync =	features.feature_key_sync.enable =	0 or 1	0	Change	It enables or disables feature key synchronization. 0-Disabled 1-Enabled	MAC.cfg
Failover Server Redundancy		sip.skip_redundant_failover_address =	0 or 1	1	Add	It enables or disables the IP phone only to send requests to the servers with different IP addresses when encountering a failover. 0-Disabled 1-Enabled	common.cfg
Static DNS Cache		static.network.dns.last_cache_expired =	Integer from 0 to 65535	3600	Add	It configures the validity period of the expired DNS cache. Note: It works only if "static.network.dns.last_cache_expired.enable" is set to 1 (Enabled). Integer from 0 to 65535 0-the expired DNS cache can only be used once. After using, the IP phone will perform a DNS query again. 1 to 65535-the IP phone will use the expired DNS cache during the specified period. After that, the IP phone will perform a DNS query again.	common.cfg
Static		static.netw	0 or 1	0	Add	It enables or disables the	common

DNS Cache		ork.dns.last_cache_expired.enable =				IP phone to use the DNS cache (even if the cache has expired) when the DNS server fails to resolve the domain name. 0-Disabled 1-Enabled	.cfg
SIP Server Name Resolution		static.network.dns.query_timeout =	0 to 65535	3	Add	It configures the interval (in seconds) at which the phone retries to resolve a domain name when the DNS server does not respond.	common.cfg
SIP Server Name Resolution		static.network.dns.retry_times =	0 to 65535	2	Add	It configures the retry times when the DNS server does not respond.	common.cfg
SIP Server Name Resolution		sip.dns_transport_type =	0 or 1	0	Add	It configures the transport protocol the IP phone uses to perform a DNS query. 0-UDP 1-TCP	common.cfg
Ethernet Interface MTU		static.network.mtu_value =	Integer from 128 to 1500	1500	Add	It configures the MTU (Maximum Transmission Unit) of network interface card.	common.cfg
Quick Login		wui.secure_domain_list =	String If it is left blank, you are only allowed to use IP address to access the web user interface of the IP phone. If it is set to	Any	Add	It configures the valid domain name to access the web user interface of the IP phone. Multiple domain names are separated by semicolons. Example: wui.secure_domain_list = test.abc.com You are only allowed to use test.abc.com or IP	common.cfg

			<p>"any", you can use IP address or any domain name to access the web user interface of the IP phone.</p>			<p>address to access the web user interface of the IP phone.</p> <p>Note: To use a domain name to access the web user interface of the IP phone, make sure your DNS server can resolve the domain name to the IP address of the IP phone.</p>	
Audio Codec	account.X.codec.Y.rtpmap =		Integer from 0 to 127	<p>When Y=1, the default value is 0;</p> <p>When Y=2, the default value is 8;</p> <p>When Y=3, the default value is 4;</p> <p>When Y=4, the default value is 4;</p> <p>When Y=5, the default value is 18;</p> <p>When Y=6, the default value is 9;</p> <p>When Y=7, the default</p>	Delete	<p>It configures the rtpmap of the audio codec for account X.</p> <p>Example: account.1.codec.1.rtpmap = 0</p> <p>Note: It is only applicable to the IP DECT phones running firmware version 81 or prior.</p>	MAC.cfg

				value is 2; When Y=8, the default value is 97;			
Broadsoft Network Directory		bw.xsi.call_log.multiple_accounts.enable =	0 or 1	0	Add	<p>It enables or disables the user to view BroadSoft Call Log for multiple accounts.</p> <p>Note: It works only if "bw.xsi.call_log.enable" is set to 1 (Enabled). It is not applicable to T19(P) E2 IP/CP920 phones.</p> <p>0-Disabled, you will directly access the BroadSoft Call Log for the first account by default, and you can only view the BroadSoft call log entry for the first account</p> <p>1-Enabled, you are allowed to select a specific account to access the BroadSoft Call Log and view the call log entry</p>	common.cfg
Warnings Display		phone_setting.warnings_display.mode =	0 or 1	1		<p>It enables or disables the phone to display warnings on the phone.</p> <p>0-Disabled</p> <p>1-Enabled</p>	common.cfg
Broadsoft	account.x.xsi.custom_url =		String	Blank	Delete	<p>It configures the string to replace "com.broadsoft.xsi-actions" in XSI URL.</p> <p>Example: account.X.xsi.custom_url =</p>	MAC.cfg

						abc.com-actions Note: It works only if the value of the parameter "bw.xsi.enable" is set to 1 (Enabled).	
Anonymous Call	features.provision_anonymous_call_on_gui.enable =		0 or 1	0	Delete	It enables or disables to display the anonymous call setting on the handset. 0-Disable 1-Enable	MAC.cfg
SCA	features.display_sca_barge_in.enable =		0 or 1	1	Delete	It enables or disables to display the barge in soft key during a SCA call. 0-Disabled 1-Enabled	MAC.cfg
Local number Hidden	account.X.hide_local_number.enable =		0 or 1	0	Delete	It enables or disables the handset to hide the account information on the pre-dialing, dialing or ringing screen. 0-Disabled 1-Enabled If it is set to 1 (Enabled), the LCD screen will display Line X (X ranges from 1 to 5 for the corresponding account) instead of account information.	MAC.cfg