

# Yealink SIP T5 Series Smart Media Phones Release **Notes of Version 80**

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# Yealink SIP T5 Series Smart Media Phones Release

## Notes of Version 58.80.193.40

## 1. Introduction

• Firmware Version:

T58V: 58.80.193.25 upgrades to 58.80.193.40

T58A: 58.80.193.25 upgrades to 58.80.193.40

T56A: 58.80.193.25 upgrades to 58.80.193.40

- Applicable Models: T58V, T58A, T56A
- Release Date: Nov 14<sup>th</sup>, 2017.

## 2. New Features

- 1. Added the feature of Door Phone.
- 2. Added the feature of Yealink's SDK.
- 3. Added the feature that you can choose to establish an audio-only call or video call while dialing or ringing on SIP-T58V/T58A IP phone.
- 4. Added the feature of BroadCloud.
- 5. Added the feature of Group Night Forwarding.
- 6. Added the feature of Automatic Call Distribution (ACD).
- 7. Added the feature of Flexible Seating.
- 8. Added the feature of Centralized Call Recording.
- 9. Added the feature of Executive and Assistant.
- 10. Added the feature of Security Classification.
- 11. Added the feature of BroadWorks Mobility.
- 12. Added the feature of Call Decline Policy.
- 13. Added the feature of XML Browser.
- 14. Added the feature that you can check the Wi-Fi MAC address at the path: Settings->Status->Wi-Fi MAC (phone user interface) or Status->Status->Network Common->Wi-Fi MAC (web user interface).
- 15. Added the feature of Noise Suppression.
- 16. Added the feature of Smart Noise Block.
- 17. Added the feature of MissCall Power Light Flash.
- 18. Added Guatemala, El Salvador, Honduras, Nicaragua, Costa Rica and Belize in GMT-6 (No DST) time zone, and Peru in GMT -5 (No DST) time zone.
- 19. Added the feature of open Yealink's SDK development kit for deep integration with 3<sup>rd</sup>-party applications.



## 3. Optimization

- 1. Optimized the feature of Xtended Services Interface (XSI).
- 2. Optimized the feature of BroadSoft Directory.
- 3. Optimized the feature of BroadSoft Call Log.
- 4. Optimized the feature of Call Waiting.
- 5. Optimized the feature of Calling Line ID Presentation.
- 6. Optimized the feature of Voice Messaging/Video Voice Messaging.
- 7. Optimized the feature of Call Park.
- 8. Optimized the feature of Power Saving.
- 9. Optimized the feature of Local Conference.
- 10. Optimized the feature of Lightweight Directory Access Protocol (LDAP).
- 11. Disabled the H.264HP video codec by default because the Broadsoft Platform does not support this video codec.

## 4. Bug Fixes

- 1. Fixed some bugs about Bluetooth feature.
- 2. Improved the stability of Android operating system.
- 3. Issued a patch for Wi-Fi WPA.

## 5. New Features Descriptions

## 1. Added the feature of Door Phone.

**Description:** The IP phone is compatible with the 2N, Baudisch and CyberData IP intercoms. (1) You can pair up to 99 IP intercoms on the IP phone. (2) When a visitor rings your doorbell, the IP phone will ring. (3) You can answer the call, get a preview of who's there or open the door directly on the IP phone. (4) You can open the door at any time by pressing Open Door key on the IP phone. (5) You can check the camera video at any time.

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

features.doorphone.X.full\_screen = features.doorphone.X.videopreview.enable = features.doorphone.X.autopreview.enable = features.doorphone.X.video.stream.httpurl = features.doorphone.X.autovideoview.enable = features.doorphone.X.httpapi.username = features.doorphone.X.httpapi.password =



features.doorphone.X.video.stream.httpurl =

To configure Door Phone feature via web user interface:

#### Click on Settings -> Door Phone

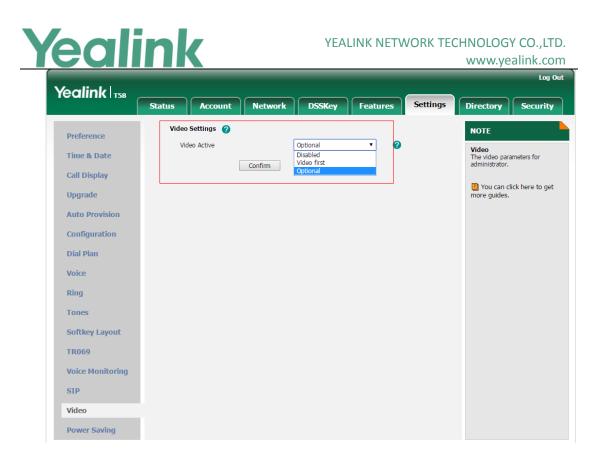
ealink 158			Log Ou
	Status Account Net	work DSSKey Features	Settings Directory Security
Forward&DND	Door Phone List	DoorPhone 1	NOTE
	Device Type	Custom 🔻	features-doorphone-note
General Information	Display Name	1	
Audio	Phone Number	10.2.10.45	You can click here to get more quides.
	Unlock PIN	•••••• ?	Ĩ
Intercom	Full Screen	Disabled 🔹 🕜	
Transfer	Send Audio	Enabled 🔹 🧭	
Call Pickup	Send Video	Enabled 🔹 🥜	
	Video Preview	Disabled 🔻	
Remote Control	Auto Preview	Disabled 🔻	
Phone Lock	Authentication		
ACD	User Name		
Action URL	Password	••••••	
Bluetooth	Confirm	m Cancel	
Power LED			
Notification Popups			
Door Phone			

## 2. Added the feature of Yealink's SDK.

**Description:** Open Yealink's SDK for deep integration with 3<sup>rd</sup>-party application. For more information, please refer to *Instructions on Yealink's SDK Kit for Yealink T5 Smart Media Phone Series* 

3. Added the feature that you can choose to establish an audio-only call or video call while dialing or ringing on SIP-T58V/T58A IP phone.
 Description: You can choose to establish an audio-only or video call.
 The parameters in the auto provision template are described as follows: video.enable =
 To configure video settings via web user interface:

Click on Settings -> Video-> Video Active



## 4. Added the feature of BroadCloud.

Description: BroadCloud is an Extensible Messaging and Presence Protocol (XMPP)-based collaboration service. You access BroadCloud can Buddies/Favorites on the IP phone, view their presence information on your phone. When a buddy/favorite is available, you can place a call to him/her directly. When a buddy/favorite is busy or away, you can send IM to him/her on the BroadTouch Business Communicator (BTBC) client. When a buddy/favorite is offline, we advise you to send an email to him/her.

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

bw.xmpp.enable = features.uc\_username = features.uc password = bw.xmpp.change\_presence.enable = bw.xmpp.presence\_icon.mode = bw.xmpp.change\_presence.force\_manual.enable = phone setting.dsskey directory auto.enable = features.uc dir.match tail number = linekey.X.type = linekey.X.line = linekey.X.label =



linekey.X.shortlabel = programablekey.X.type = programablekey.X.label =

## 5. Added the feature of Group Night Forwarding.

**Description:** Group Night Forwarding provides a quick way of redirecting all calls to a specified destination at off-work time. You can configure the service at the group level and enable or disable the service for individual users. The off-word time is specified when calls should be forwarded, you can configure a time/holiday schedule.

To view the Group Night Forwarding status via phone user interface: Navigate to Settings -> Call Control -> Group Night Forward.

## 6. Added the feature of Automatic Call Distribution (ACD).

**Description:** Automatic Call Distribution (ACD) is often used in offices for customer service, such as call center. The ACD system handles incoming calls by automatically queuing and directing calls to available registered IP phone users (agents). The primary benefit of ACD is to reduce customer waiting time and improve the quality of service. You can also configure Unavailable Codes, so that when the IP phone status is changed to unavailable, the phone will display the unavailable reason.

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

account.X.acd.enable =
account.X.acd.initial\_state =
account.X.acd.available =
acd.enable =
acd.auto\_available\_timer =
account.X.acd.unavailable\_reason\_enable =
account.X.reason\_code.Y =
account.X.reason\_code\_name.Y =

## 7. Added the feature of Flexible Seating.

**Description:** Flexible Seating allows users with the flexible seating guest enabled to create an association with the host in a group. The host is a virtual subscriber that you can provision a list of hosts with the phone devices. After the association



is successful, the host's phone will be provisioned with guest's profile settings and is treated as an alternate device of the guest. The registered account is active on both the user's phone and the host's phone. The guest can lock the host's phone.

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

account.X.hoteling.mode =
account.X.flexible\_seating.enable =
account.X.hoteling.pin =
account.X.hoteling.auto\_login\_enable =
account.X.hoteling.user\_id =
account.X.hoteling.password =
auto\_provision.server.url =
auto\_provision.server.asername =
auto\_provision.server.password =

## 8. Added the feature of Centralized Call Recording.

**Description:** BroadWorks provides Centralized Call Recording features to the phones including the abilities to obtain recording status and control the recording. The IP phones send the record-aware option tag in the Supported and/or Required header of the INVITE message to indicate support for sending and receiving the SDP attributes "recordpref" and "record", which are used to request recording preferences and to obtain the recording state.

The parameters in the auto provision template are described as follows: account.X.call\_recording.enable =

bw.call\_recording.mode =

## 9. Added the feature of Executive and Assistant.

**Description:** Executive and Assistant feature provides a new solution for executive/assistant interworking. The executive can filter and screen calls. When an assistant is assigned and considered as opted-in assistant for the executive, the filtered calls will be transferred or shared to the opted-in assistant. When an assigned assistant opts out of the executive pool, the executive's filtered calls will not be transferred to the opted-out assistant. The executive can bridge in or retrieve a call answered by an assistant. The assistant can push a call to the executive and initiate a call on behalf of an executive.



## **10. Added the feature of Security Classification.**

**Description:** The Security Classification service allows BroadWorks to classify a user's calls with a security classification level. It enables users to be conscious of the maximum level of classified information that can be exchanged in the conversation.

## The parameters in the auto provision template are described as follows: account.X.security\_classification.enable =

To configure the security soft key via web user interface:

Yealink									Log Out
	Status	Account	Network	DSSKey	Features	Settings	Directory	Security	Applications
Preference		Custom Softkey		Enabled		× 0		NOTE	
Time & Date		Call States Unselected Softk	eys		ted Softkeys(Ord	✓ ②		Softkey Lay The softkey for administr	ayout parameters
Call Display		Swap New Call	~	Tran Hold	sfer	~			
Upgrade		Switch Answer Reject	1	→ Cont End Secu		T		more guide	click here to get s.
Auto Provision		Private Hold Park			ancy	4			
Configuration		Group Park Record RTP Status							
Dial Plan		Confirm	1	Cancel	7 (1	Reset to default	t		
Voice			-						
Ring									
Tones									
Softkey Layout	6								
Voice Monitoring									

Click on Settings -> Softkey Layout.

To view the assigned security classification level when the phone is idle: Navigate to Settings -> Features -> Call Control -> Security Classification.



←		Security	y Classification	
¢	Call Control	1. 2408889129:	Top Secret	
E	Call Waiting			
Ą	Auto Answer			
•	DSS Keys			
\$	Key As Send			
٢	Hot Line			
6	Auto Redial			
	Intercom			
		$\bigtriangledown$	0	

#### 11. Added the feature of BroadWorks Mobility.

**Description:** BroadWorks Mobility is a flexible solution that extends the BroadWorks Centrex features transparently to the mobile network. It enables a BroadWorks user to use a mobile device to use BroadWorks enhanced services.

To configure Broadworks mobility via phone user interface:

Navigate to Settings -> Features -> Call Control -> Mobility.

## 12. Added the feature of Call Decline Policy.

**Description:** Call Decline Policy allows the user to terminate ringing at all Shared Call Appearance (SCA), Flexible Seating Guest, and BroadWorks Mobility locations in addition to the primary location. When one device sends a SIP "486 Busy" response, the call receives "Busy" treatment. If a response other than a "486 Busy" (such as 403 or 603) response is received, the call is not declined and the remaining device continues to ring/alert. If Call Forwarding Busy or Voice Messaging services are configured, then the call is redirected to one of these services.

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

features.call\_decline.enable = account.X.features.call\_decline.enable =

## 13. Added the feature of XML Browser.

Description: XML browser simply means that the SIP phones' LCD screen display



can be managed by external applications. The XML browser feature allows users to develop and deploy custom services which meet user functional requirements on the server. Users can customize practical applications, such as weather report, stock information, Google search, news service, etc.

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

```
linekey.X.type =
programablekey.X.type =
expansion_module.X.key.Y.type =
linekey.X.value =
programablekey.X.value =
linekey.X.label =
programablekey.X.label =
expansion_module.X.key.Y.label =
push_xml.server =
push_xml.block_in_calling =
push_xml.sip_notify =
```

## To configure an XML Browser key via web user interface:

Click on Dsskey -> Line Key (or Programable Key).

fealink   158	Status	Account		Network	SKey	Features	Settings	Log OL
	Enable Page			THELWOIR DO	oncy	reatures	Settings	NOTE
Line Key1-10	Key	Туре		Value	Label	Line	Extension	Кеу Туре
Line Key11-20	Line Key1	Line	•		1037	Line 1	•	The free function key 'Types' Speed Dial, Key Event,
Line Key21-27	Line Key2	XML Browser	•	htp://192.168.1.1/test/xr	1	N/A	•	Intercom.
Programable Key	Line Key3	Line	•			Line 3	•	Key Event
Fort Marca	Line Key4	Line	•			Line 4	•	<ul> <li>Key events are predefined shortcuts to phone and call</li> </ul>
Ext Key	Line Key/	Line				Line C		<ul> <li>functions.</li> </ul>

To configure an XML Browser key via phone user interface: Navigate to Settings -> Features -> DSS Keys.



←	D	SS Keys 12	~
🜐 DSS Keys	1. Туре:	Key Event	
😪 Key As Send	2. Key Type:	XML Browser	
🧐 Hot Line	3. Label:	ImageMenu	
🔮 Auto Redial	4. Value:	http://10.2.51.41/ImageMenu.xml	
Intercom			
🔮 Call Completion	1		
🔮 History Record			
	$\triangleleft$	Ο Π	

#### 14. Added the feature of Noise Suppression.

**Description:** The impact noise in the room are picked-up, including paper rustling, coffee mugs, coughing, typing, and silverware striking plates. These noises, when transmitted to remote participants, can be very distracting. You can enable the Noise Suppression feature to suppress these noises.

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

#### voice.tns.enable =

To configure Noise Suppression via web user interface:

Yealink			Log Out
	Status Account Net	work DSSKey Features	Settings Directory Security
Preference	Echo Cancellation		NOTE
Preference	ECHO	Enabled 👻	VAD
Time & Date	VAD	Disabled 👻	Voice Activity Detection.
Call Display	CNG	Enabled 👻	CNG
Upgrade	JITTER BUFFER		Comfort Noise Generation.
	Туре	Adaptive	JITTER BUFFER: It is a shared data area where
Auto Provision	Min Delay	60	voice packets can be collected, stored, and sent to the voice
Configuration	Max Delay	240	processor in evenly.
Dial Plan	Normal	120	You can click here to get
Voice	Noise Proof		more guides.
	Noise Suppression	Enabled 🗸	
Ring	Smart Noise Block	Disabled -	
Tones	Confirm	m Cancel	

Click on **Settings** -> **Voice**.

## 15. Added the feature of Smart Noise Block.

**Description:** You can use the Smart Noise Block feature to block out the noises when there is no speech in a call.

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



voice.ans\_nb.enable =

#### To configure Smart Noise Block via web user interface:

Click on **Settings** -> **Voice**.

			Log Out
Yealink	Status Account Netwo	rk DSSKey Features	Settings Directory Security
Preference	Echo Cancellation		NOTE
Preference	ЕСНО	Enabled 👻	VAD
Time & Date	VAD	Disabled 👻	Voice Activity Detection.
Call Display	CNG	Enabled -	CNG
Upgrade	JITTER BUFFER		Comfort Noise Generation.
	Туре	Adaptive	JITTER BUFFER: It is a shared data area where
Auto Provision	Min Delay	60	voice packets can be collected, stored, and sent to the voice
Configuration	Max Delay	240	processor in evenly.
Dial Plan	Normal	120	You can click here to get
Voice	Noise Proof		more guides.
Voice	Noise Suppression	Enabled -	
Ring	Smart Noise Block	Enabled 🔹	
Tones	Confirm	Cancel	

## 16. Added the feature of MissCall Power Light Flash.

**Description:** MissCall Power Light Flash allows the power indicator LED to flash when the IP phone misses a call.

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

phone\_setting.missed\_call\_power\_led\_flash.enable =

To configure MissCall Power Light Flash via web user interface:

Click on Features -> Power LED -> MissCall Power Light Flash.

Yealink						_		Log Out
	Status	Accour	t Network	DSSKey	Features	Settings	Directory	Security
Forward&DND	P	ower LED: 💡					NOTE	
General		Common Power	-	Disabled Enabled		0	Power-LED The power-led p	parameters for
Information		Voice/Text Mail F	-	Enabled		2	administrator.	
Audio		Mute Power Ligh	t Flash	Disabled	•	2	You can clic more guides.	tk here to get
Intercom Transfer		Hold/Held Power	-	Disabled Disabled		0		
Call Pickup		MissCall Power Li	-	Enabled	•	9		
Remote Control	L		Confirm	Cano	el			
Phone Lock								
ACD								
Action URL								
Bluetooth								
Power LED								
Notification Popups								
Door Phone								



## 6. Optimization Descriptions

## 1. Optimized the feature of Xtended Services Interface (XSI).

**Description:** You can enable or disable the Broadsoft XSI feature manually. **The parameters in the auto provision template are described as follows:** *bw.xsi.enable =* 

## 2. Optimized the feature of BroadSoft Directory.

**Description:** You can access the BroadSoft Directory through the IP phone. The contacts included in the directory are determined by your system administrator. You can dial or search for a contact in the BroadSoft directory. The BroadSoft directory allows you to search for a contact and dial the stored numbers in the directories.

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

bw.xsi.directory.enable =
bw\_phonebook.group\_enable =
bw\_phonebook.group\_displayname =
bw\_phonebook.group\_common\_enable =
bw\_phonebook.group\_common\_displayname =
bw\_phonebook.enterprise\_enable =
bw\_phonebook.enterprise\_displayname =
bw\_phonebook.enterprise\_common\_displayname =
bw\_phonebook.enterprise\_common\_displayname =
bw\_phonebook.personal\_enable =
bw\_phonebook.personal\_displayname =
bw\_phonebook.custom =
directory.update\_time\_interval =

## 3. Optimized the feature of BroadSoft Call Log.

**Description:** You can enable or disable the BroadSoft Call Log feature manually. **The parameters in the auto provision template are described as follows:** *bw.xsi.call\_log.enable =* 

4. Optimized the feature of Call Waiting.

Description: Add the feature of Call waiting synchronization, which is used to



synchronize call waiting status between the IP phone and the BroadWorks server. It is configurable by your system administrator using template configuration files only.

The parameters in the auto provision template are described as follows: call waiting.mode =

- 5. Optimized the feature of Calling Line ID Presentation.
   Description: You can configure the calling line ID source for account.
   The parameters in the auto provision template are described as follows:
   account.X.cid\_source =
- 6. Optimized the feature of Voice Messaging/Video Voice Messaging.

**Description:** You can use the Visual Voice Mail feature to present the users with a list of voice/video mails, download the voice/video mail detail summary content, mark voice/video mails as read or unread, and delete voice/video mails.

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

voice\_mail.message\_key.mode = bw.voice\_mail.visual.enable = bw.voice\_mail.visual.display\_videomail.enable =

## 7. Optimized the feature of Call Park.

**Description:** For old call park mechanism, users can use a call park key to park a call, and retrieve a parked call by dialing the park retrieve code. SIP-T58V/T58A/T56A IP phones running firmware version 58.80.0.30 or later support the new call park mechanism - FAC mode and Transfer mode.

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 =
features.call\_park.direct\_send.enable =
features.call\_park.line\_restriction.enable =
To configure call park feature via web user interface:
Click on Features -> Pick up & Park.



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	Status	Account	Network	DSSKey	Features	Settings	Directory Security	
Forward&DND	Call P	ickup					NOTE	
TOTHER	Dir	ected Call Pickup		Disabled	•		Call Pickup	
General Information	Dir	ected Call Pickup C	Code				The call pickup parameters for administrator.	
Audio	Gr	oup Call Pickup		Disabled	•	001111220001		
Intercom	Gr	oup Call Pickup Cod	le		You can click here to more guides.			
Transfer	Vis	Visual Alert for BLF Pickup			-			
Transier	Au	idio Alert for BLF Pi	ickup	Disabled	-			
Pick up & Park	Call P	ark						
Remote Control	Ca	ll Park Mode		FAC	•			
Phone Lock	Ca	ll Park		Enabled	•			
	Ca	l Park Code		*68				
ACD	0.5	rk Retrieve Code		*89				

To configure a retrieve park key via web user interface:

Click on DSSKey -> Line Key (or Ext Key).

Yealink 158							Log_Out
	Status	Account	Network	Dsskey	Features	Settings	Directory Security
Line Key1-10	Enable Page	Tips Enabled	•				NOTE
	Key	Туре	Value	Label	Line	Extension	dsskey-note
Line Key11-20	Line Key1	Line	-	101	Line 1	•	
Line Key21-27	Line Key2	Retrieve Park	* *88		Line 1	•	You can click here to get
Programable Key	Line Key3	Line	-		Line 3	•	more guides.
	Line Key4	Line	•		Line 4	•	

To configure a retrieve park key via phone user interface:

÷	D	SS Keys 4	~
🜐 DSS Keys	1. Туре:	Retrieve	al.
Key As Send	2. Account ID:	Line 1	
🧐 Hot Line	3. Label:		
🔮 Auto Redial	4. Value:	*88	
Intercom			
Call Completion			
K History Record			
Default Account			
	$\bigtriangledown$	0	

Navigate to Settings -> Features -> DSS Keys.

## 8. Optimized the feature of Power Saving.

**Description:** You can configure IP phone to enter power-saving mode when it has been inactivated for 1 minute to 120 minutes (2 hours) during the office hours. **The parameters in the auto provision template are described as follows:** 



features.power\_saving.office\_hour.idle\_timeout =

To configure the power saving feature via web user interface:

Click on Settings -> Power Saving -> Idle TimeOut (minutes) -> Office Hour Idle TimeOut.

			Log Out
Yealink 1758	Status Account Network	DSSKey Features	Settings Directory Security
Preference	Power Saving Office Hour 🕜	Enabled •	
Time & Date	Monday	07 - 19	settings-powersaving-note
Call Display	Tuesday	07 - 19	You can click here to get more guides.
Upgrade	Wednesday	07 - 19	
Auto Provision	Thursday Friday	07 - 19	
Configuration	Saturday	07 - 07	
Dial Plan	Sunday	07 07	
Voice	Idle TimeOut (minutes)		
Ring	Office Hour Idle TimeOut	120	
Tones	Off Hour Idle TimeOut User Input Extension Idle TimeOut	10 2 2 10 2 10 2 10 2 10 2 10 2 10 2 10	
Softkey Layout	Confirm	Cancel	
TR069			
Voice Monitoring			
SIP			
Video			
Power Saving			

## 9. Optimized the feature of Local Conference.

**Description:** You can enable or disable the IP phone to set up a conference directly after the invitee answers the call.

The parameters in the auto provision template are described as follows: features.local\_conf.combine\_with\_one\_press.enable =

**10.** Optimized the feature of Lightweight Directory Access Protocol (LDAP).

Description: You can configure the display name of the LDAP phone book. The parameters in the auto provision template are described as follows: *ldap.customize\_label =* To configure LDAP label via web user interface: Click on Directory -> LDAP -> LDAP Label.

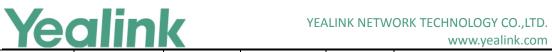


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Status       Account       Network       DSSKey       Features       Settings       Directory       Security         Local Directory       Enable LDAP       Disabled       •	Ve elink				Log Out
Local Directory   LDAP_Label   Phone Call Info   LDAP Name Filter   LDAP Number Filter   LDAP Number Filter   LDAP   LDAP   LDAP   Server Address   Setting   Base   Username   Password   Max Hits (1~32000)   50   LDAP Number Attributes   LDAP Lookup For Incoming Call   LDAP Lookup For Callout	Yealink 158	Status Account Network	DSSKey Featur	res Settings	Directory Security
Confirm Cancel	Remote Phone Book Phone Call Info LDAP Multicast IP	Enable LDAP LDAP_Label LDAP Name Filter LDAP Number Filter LDAP TLS Mode Server Address Port Base Username Password Max Hits (1~32000) LDAP Name Attributes LDAP Number Attributes LDAP Number Attributes LDAP Display Name Protocol LDAP Lookup For Incoming Call LDAP Lookup For Callout LDAP Sorting Results	Disabled   Friends  LDAP  LDAP   Jase Jase Jase Jase Jase Jase Jase Ja		NOTE LDAP The LDAP parameters for administrator. You can click here to get

# 7. Configuration Parameters Enhancements

Firmware	Version: [5	8.80.193.25]-	[ 58.80.193	.40]			
Function	Provisionin						
	Compariso		Permitte	Default	Action	Description	File
	58.80.193	58.80.193.	d Value	Value			
.25	.25	40					
Digit Map		dialplan.digit map.apply_t o.history_dia I =	0 or 1	0	Add	It enables or disables the digit map to be applied to the numbers (received calls or missed calls) dialed from call log lists. 0-Disabled 1-Enabled Note: It works only if the value of the parameter "dialplan.digitmap.enable" or "account.X.dialplan.digitma p.enable" is set to 1	mac.cfg



	160					www.yealink.com	
						configured by the paraweter "account.X.dialplan.digitma p.apply_to.history_dial" takes precedence over that configured by this parameter.	
LED		phone_setti ng.missed_c all_power_le d_flash.enab le =	0 or 1	1	Add	It enables or disables the power indicator LED to flash when the IP phone misses a call. 0-Disabled (power indicator LED is off) 1-Enabled (power indicator LED slowly flashes (1000ms) red) Note: It works only if the value of the parameter "account.X.missed_calllog" is set to 1 (Enabled).	common. cfg
LDAP		ldap.customi ze_label =	String within 99 characters	Blank	Add	It configures the display name of the LDAP phone book. Example: Idap.customize_label = Friends If it is left blank, "LDAP" will be the display name. Note: It works only if the value of the parameter "Idap.enable" is set to 1 (Enabled).	common. cfg
Door Phone		features.doo rphone.amo unt =	Integer from 0 to 99	2	Add	It configures the number of IP intercoms supported by the IP phone.	common. cfg
Door Phone		features.doo rphone.X.de vice_model =	Integer from 0 to 4	0	Add	It configures the device type of the IP intercom. 0-Custom 1-2N 2-Mobotix 3-Baudisch 4-CyberData	common. cfg



-				1	/	
Door Phone	features.doo rphone.X.vid eopreview.e nable =	0 or 1	0	Add	It enables or disables the video preview before picking up the incoming visitor's call. O-Disabled 1-Enabled If it is set to 1 (Enabled) and the value of the parameter "features.doorphone.X.auto preview.enable" is set to 0 (Disabled), users can tap the Preview soft key to check the visitor's video without answering the incoming visitor's call. And the IP phone will stop playing the ringtone. Note: It works only if the value of the parameter "account.X.auto_answer" is set to 0 (Disabled) and the value of the parameter "video.enable" is set to 1 (Video first) or 2 (Optional).	common. cfg
Door Phone	features.doo rphone.X.aut opreview.en able =	0 or 1	0	Add	It enables or disables the IP phone to preview the visitor's video automatically when receiving an incoming visitor's call. O-Disabled 1-Enabled If it is set to 1 (Enabled), the IP phone will display the visitor's video automatically when receiving an incoming visitor's call. And the IP phone will still play ringtone. Note: It works only if the value of the parameter "features.doorphone.X.vide opreview.enable" is set to 1	common. cfg



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	features.doo				www.yealink.com (Enabled), the value of the parameter "account.X.auto_answer" is set to 0 (Disabled) and the value of the parameter "video.enable" is set to 1 (Video first) or 2 (Optional). The valid URL format is: http:// <ip address="" ip<br="" of="" the="">intercom&gt;/mjpg/video.mjpg or http://username:password @<ip address="" ip<br="" of="" the="">intercom&gt;/mjpg/video.mjp. Example: features.doorphone.1.video. stream.httpurl= http://192.168.1.1/mjpg/vid eo.mjpg Users can tap the Video View soft key to receive the video stream from the IP</ip></ip>	
Door Phone	rphone.X.vid eo.stream.ht tpurl =	URL within 511 characters	Blank	Add	intercom. And the video stream is received from the configured URL. Note: It works only if the value of the parameter "features.doorphone.X.devi ce_model" is set to 3 (Baudisch). If you use the first URL format and the IP intercom needs HTTP API authentication, you should configure the authentication account (configured by the parameters "features.doorphone.X.http api.username" and "features.doorphone.X.http api.password").	common. cfg
Door Phone	features.doo rphone.X.aut ovideoview.e	0 or 1	1	Add	It enables or disables the IP phone to display the video automatically after	common. cfg



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		nable =				answering the visitor's call.	
						0-Disabled	
						1-Enabled	
						If it is set to 1 (Enabled), the	
						IP phone will receive the	
						video stream immediately	
						after answering the visitor's call without tapping the	
						Video View soft key.	
						Note: It works only if the	
						value of the parameter	
						"features.doorphone.X.devi	
						ce_model" is set to 3	
						(Baudisch) and the video	
						access URL is valid (configured by the	
						parameter	
						"features.doorphone.X.vide	
						o.stream.httpurl").	
						It configures the user name	
Door		features.doo	String			for HTTP API authentication.	common
Phone		rphone.X.htt papi.userna	within 99	Blank	Add	Note: It is required only if	common. cfg
		me =	characters			the IP intercom needs the	
						HTTP API authentication.	
		features.doo				It configures the password	
Door		rphone.X.htt	String	Blank	Add	of HTTP API authentication.	common. cfg
Phone		papi.passwo	within 99 characters			Note: It is required only if	
		rd =	Characters			the IP intercom needs the HTTP API authentication.	
						It enables or disables the IP phone to set up a	
						conference directly after the	
						invitee answers the call.	
		features.loca				0-Disabled	
Conferenc		I_conf.combi	0 or 1	0	Add	1-Enabled	common.
е		ne_with_on e_press.ena		0	Auu	If it is set to 0 (Disabled), the	cfg
		ble =				original call is placed on	
		= 910				hold. The user needs to tap	
				the Conference soft key			
						again to set up a conference	
						after the invitee answers the	



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					call.	
Broadsoft UC	bw.xmpp.en able =	0 or 1	0	Add	It enables or disables the UC feature. 0-Disabled 1-Enabled Note: It works only if the value of the parameter "bw.enable" is set to 1 (Enabled).	mac.cfg
Broadsoft UC	features.uc_ username =	String within 99 characters	Blank	Add	It configures the user name for UC authentication. Note: It works only if the value of the parameter "bw.xmpp.enable" is set to 1 (Enabled).	mac.cfg
Broadsoft UC	features.uc_ password =	String within 32 characters	Blank	Add	It configures the password for UC authentication. Note: It works only if the value of the parameter "bw.xmpp.enable" is set to 1 (Enabled).	mac.cfg
Broadsoft UC	bw.xmpp.ch ange_presen ce.enable =	0 or 1	0	Add	It enables or disables the IP phone to change the user's current presence state locally. 0-Disabled, My Status key will disappear from the DSS key list. 1-Enabled Note: It works only if the value of the parameter "bw.xmpp.enable" is set to 1 (Enabled).	mac.cfg
Broadsoft UC	phone_setti ng.dsskey_di rectory_auto .enable =	0 or 1	1	Add	It enables or disables the Auto Favorite feature. If enabled, the IP phone will download information of favorites from the cloud server and automatically	mac.cfg



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					configure UC Favorite keys from the first unused line key (the line key is configured as N/A). If a line key is used, the IP phone will skip to the next unused line key. 0-Disabled 1-Enabled Note: It works only if the value of the parameter "bw.xmpp.enable" is set to 1 (Enabled).	
Broadsoft UC	features.uc_ dir.match_tai l_number =	Integer greater than or equal to 0	4	Add	It configures the minimum matched digits of the tail numbers of BroadCloud Buddy. When entered number matches the tail numbers of a buddy in the buddy directory, the IP phone will automatically display the matched results on the LCD screen when placing a call. If it is set to 0, the entered number must exactly match the number of BroadCloud Buddy. If it is set to other values (for example, 4), the entered number less than 4 digits would not match with the BroadCloud contact. Example: If there is a BroadCloud Buddy name "Sunmy" with phone number "785656" and the parameter "features.uc_dir.match_tail_ number" is set to "4", "5656", "85656" or "785656" would match	mac.cfg



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					"Sunmy (785656)". "656", "56" or "6" would not match "Sunmy (785656)".	
Broadsoft UC	bw.xmpp.pre sence_icon. mode =	0 or 1	0	Add	It enables or disables to display presence icon in new style. 0-Disabled 1-Enabled	mac.cfg
Broadsoft UC	bw.xmpp.ch ange_presen ce.force_ma nual.enable =	0 or 1	1	Add	It enables or disables to synchronize the presence status to BroadWorks server when you change your presence status manually on the IP phone. 0-Disabled 1-Enabled	mac.cfg
Broadsoft XSI	bw.xsi.enabl e =	0 or 1	0	Add	It enables or disables the XSIauthentication feature forthe IP phone.O-Disabled1-EnabledIf it is set to 0 (Disabled), thefollowing features areunavailable on the phone:BroadWorks AnywhereRemote OfficeLine ID BlockingAnonymous Call RejectionSimultaneous Ring PersonalBroadSoft DirectoryBroadSoft Call LogCall Park Feature via XSIModeVoice Messaging/VideoVoice MessagingCentralized Call RecordingExecutive and Assistant	mac.cfg
Broadsoft phoneboo	bw.xsi.direct ory.enable =	0 or 1	0	Add	It enables or disables the network directory feature	mac.cfg



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k						for the IP phone. O-Disabled 1-Enabled Note: It works only if the value of the parameter "bw.xsi.enable" is set to 1 (Enabled).	
Broadsoft phoneboo k		bw.xsi.direct ory.alphabeti zed_by_lastn ame.enable =	0 or 1	0	Add	It confiture the call ID (first name and last name) display method when the phone receives an incoming call, places an outgoing call or is during an active call. O-First name Last name 1-Last name, First name	mac.cfg
Broadsoft _Call Waiting		call_waiting. mode =	0 or 1	0	Add	It configures the call waiting mode. O-Local 1-XSI, the status of the call waiting feature between the IP phone and the BroadWorks server can be synchronized. Note: If it is set to 1 (XSI), it works only if the value of the parameter "bw.xsi.enable" is set to 1 (Enabled).	common. cfg
CLIP		sip.cid_sourc e.preference =	String	P-Preferred- Identity, P-Asserted-I dentity, Remote-Par ty-ID, From	Add	It configures the priority order for the sources of caller identity information. The headers can be in any order. Note: Yealink IP phones support deriving caller identity from the following SIP headers: From, P-Asserted-Identity (PAI), P-Preferred-Identity and Remote-Party-ID (RPID). It works only if the value of	common. cfg



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					the parameter "account.X.cid_source" is set to 6 (PREFERENCE).	
Broadsoft _Visual Voicemail	bw.voice_ma il.visual.enab le =	0 or 1	0	Add	It enables or disables the visual voice mail feature for the IP phone. 0-Disabled 1-Enabled Note: It works only if the value of the parameter "bw.xsi.enable" is set to 1 (Enabled) and XSI is configured for account 1.	common. cfg
Broadsoft _Visual Voicemail	bw.voice_ma il.visual.displ ay_videomai l.enable =	0 or 1	0	Add	It enables or disables the IP phone to display the video mails in the voice mail list. 0-Disabled 1-Enabled Note: It works only if the values of the parameters "bw.xsi.enable" and "bw.voice_mail.visual.enabl e" are set to 1 (Enabled) and XSI is configured for account 1.	common. cfg
Broadsoft _Visual Voicemail	voice_mail. message_key .mode =	0 or 1	0	Add	It configures the phone behavior when pressing the MESSAGE key when the IP phone is idle. O-enter the Set Voice Mail Code screen if the voice Mail access code has not been configured; dial out the voice mail access code if the voice mail access code has been configured. 1-enter the View Voice Mail screen	common. cfg
ACD	acd.enable =	0 or 1	0	Add	It enables or disables the IP phone to automatically change the status of the	common. cfg



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						ACD agent to available after the designated time. 0-Disabled 1-Enabled Note: It works only if the value of the parameter "account.X.acd.enable" is set to 1 (Enabled).	
ACD		acd.auto_av ailable_time r =	Integer from 0 to 120	60	Add	It configures the interval (in seconds) for the status of the ACD agent to be automatically changed to available. Note: It works only if the values of parameters "account.X.acd.enable" and "acd.auto_available" are set to 1 (Enabled).	common. cfg
ACD		account.X.ac d.enable =	0 or 1	0	Add	It enables or disables the ACD (Automatic Call Distribution) feature for a specific account. 0-Disabled 1-Enabled	mac.cfg
ACD		account.X.ac d.available =	0 or 1	0	Add	It enables or disables the IP phone to display the Available or Unavailable soft key for a specific account after the IP phone logs into the ACD system. O-Disabled 1-Enabled Note: It works only if the value of the parameter "account.X.acd.enable" is set to 1 (Enabled).	mac.cfg
ACD		account.X.ac d.unavailabl e_reason_en able =	0 or 1	0	Add	It enables or disables the unavailable/away reason code feature for a specific account.	mac.cfg



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					0-Disabled 1-Enabled, the unavailable/away reason of agent state will be displayed on the IP phone LCD screen (for example, on lunch, in the bathroom, taking a coffee break or a personal break). Note: It works only if the value of the parameter "account.X.acd.available" is set to 1 (Enabled).	
Broadsoft ACD	account.X.ac d.initial_stat e =	1 or 2	1	Add	It configures the initial agent state for a specific account. 1-Available 2-Unavailable	mac.cfg
Broadsoft Code	account.X.re ason_code.Y =	Integer from 1 to 21474836 47	Blank	Add	It configures the unavailable/away code which must match one of the codes configured on BroadWorks platform for a specific account. The value Y must be continuous.	mac.cfg
Broadsoft Code	account.X.re ason_code_ name.Y =	String within 99 characters	Blank	Add	It configures the unavailable/away reason which must match one of the reasons configured on BroadWorks platform for a specific account. The value Y must be continuous.	mac.cfg
Broadsoft Flexible Seating	account.X.fle xible_seating .enable =	0 or 1	0	Add	It enable or disable the flexible seating feature for a specific account. O-Disabled 1-Enabled Note: For host, It works only if the values of the parameters	mac.cfg



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					"account.X.hoteling.enable" and "account.X.acd.enable" are set to 0 (Disabled).	
Broadsoft Flexible Seating	account.X.ho teling.mode =	0, 1, 2 or 3	0	Add	It configures the hoteling mode for a specific account. 0-Disabled 1-Hoteling 2-Flexible Seating Host 3-Flexible Seating Guest	mac.cfg
Broadsoft Flexible Seating	account.X.ho teling.pin =	String	Blank	Add	It configures the flexible seating PIN for a specific account.	mac.cfg
Broadsoft Flexible Seating	account.X.ho teling.expire s =	Integer greater than 30	3600	Add	It configures the hoteling subscription expiration time (in seconds) for a specific account.	mac.cfg
Broadsoft _Centraliz ed Call Recording	account.X.ca II_recording. enable =	0 or 1	0	Add	It enables or disables the centralized call recording feature for a specific account. 0-Disabled 1-Enabled Note: It works only if the value of the parameter "features.call_recording.ena ble" is set to 0 (Disabled).	mac.cfg
BSFT	bw.call_reco rding.mode =	0 or 1	1	Add	It configures the centralized call recording mode. 0-XSI 1-SIP	common. cfg
Broadsoft Security Classificat ion	account.X.se curity_classif ication.enabl e =	0 or 1	0	Add	It enables or disables security classification feature. 0-Disabled 1-Enabled	common. cfg
Call Decline Policy	account.X.fe atures.call_d ecline.enabl e =	0 or 1	Blank	Add	It enables or disables call decline feature for a specific account. 0-Disabled	mac.cfg



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						www.yealink.com 1-Enabled	
Call Decline Policy		features.call _decline.ena ble =	0 or 1	0	Add	It enables or disables call decline feature for the IP phone. 0-Disabled 1-Enabled	common cfg
Noise Suppressi on		voice.tns.ena ble =	0 or 1	1	Add	It enables or disables the Noise Suppression feature on the IP phones. 0-Disabled 1-Enabled	common cfg
Noise Suppressi on		voice.ans_nb .enable =	0 or 1	0	Add	It enables or disables the Smart Noise Block feature on the IP phones. O-Disabled 1-Enabled Note: It works only if the value of the parameter "voice.tns.enable" is set to 1 (Enabled).	common cfg
PushXML		push_xml.se rver =	IP address	Blank	Add	It configures the IP address of the push XML server.	common cfg
PushXML		push_xml.bl ock_in_callin g =	0 or 1	0	Add	It enables or disables the IP phone to block XML applications during a call. 0-Disabled 1-Enabled	common cfg
PushXML		push_xml.sip _notify =	0 or 1	0	Add	It enables or disables the IP phone to process the push XML via SIP NOTIFY message. 0-Disabled 1-Enabled	common cfg
Audio Codec	account.X.c odec. <payl oad_type&gt;. rtpmap =</payl 				Delete		mac.cfg



# Yealink SIP T5 Series Smart Media Phones Release

# Notes of Version 58.80.193.25

## 1. Introduction

• Firmware Version:

T58V: 58.80.0.10 upgrades to 58.80.193.25

T58A: 58.80.0.10 upgrades to 58.80.193.25

T56A: 58.80.0.10 upgrades to 58.80.193.25

- Applicable Models: T58V, T58A, T56A
- Release Date: July 27<sup>th</sup>, 2017.

## 2. New Features

None

## 3. Optimization

None

## 4. Bug Fixes

- 4. Fixed the probabilistic issue of application crash.
- 5. Fixed some bugs and improved the system compatibility.