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 14th, 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 3rd-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).

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 =

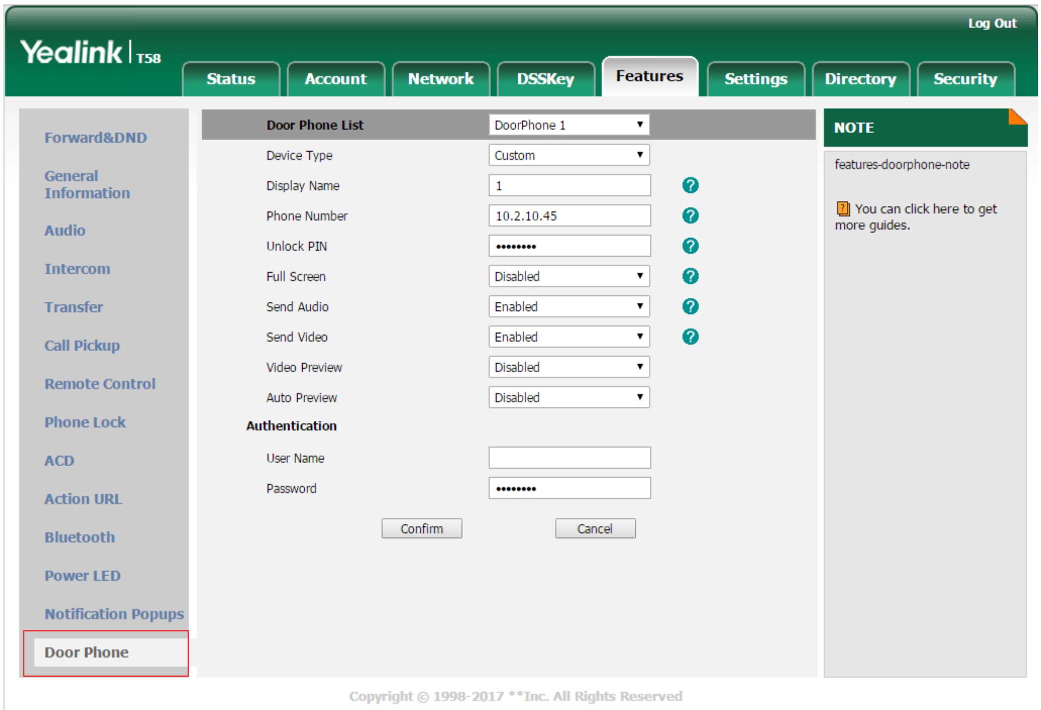
   features.doorphone.X.httpapi.username =

   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**


Yealink | T58
Log Out
Status
Account
Network
DSSKey
Features
Settings
Directory
Security
Forward&DND
General Information
Audio
Intercom
Transfer
Call Pickup
Remote Control
Phone Lock
ACD
Action URL
Bluetooth
Power LED
Notification Popups
Door Phone
Confirm
Cancel
Copyright © 1998-2017 **Inc. All Rights Reserved

Door Phone List: DoorPhone 1

Device Type: Custom

Display Name: 1

Phone Number: 10.2.10.45

Unlock PIN: ••••••••

Full Screen: Disabled

Send Audio: Enabled

Send Video: Enabled

Video Preview: Disabled

Auto Preview: Disabled

Authentication

User Name:

Password: ••••••••

NOTE

features-doorphone-note

You can click here to get more guides.

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

   Description: Open Yealink's SDK for deep integration with 3rd-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.**

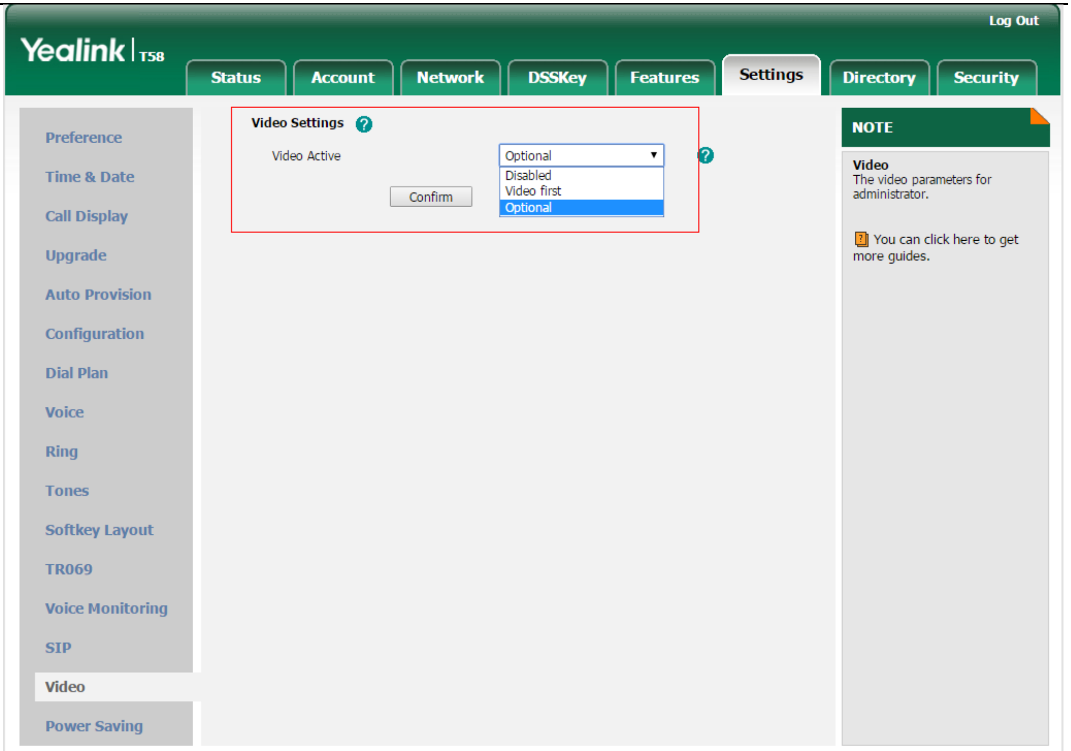
   Description: You can choose to establish an audio-only or video call.

   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**


Log Out
Yealink | T58
Status
Account
Network
DSSKey
Features
Settings
Directory
Security
Preference
Time & Date
Call Display
Upgrade
Auto Provision
Configuration
Dial Plan
Voice
Ring
Tones
Softkey Layout
TR069
Voice Monitoring
SIP
Video
Power Saving
Video Settings
Confirm
Disabled
Video first
Optional
NOTE
Video
The video parameters for administrator.
You can click here to get more guides.

Video Active: Optional

4. **Added the feature of BroadCloud.**

   Description: BroadCloud is an Extensible Messaging and Presence Protocol (XMPP)-based collaboration service. You can access BroadCloud 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.username =

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 or shared 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.

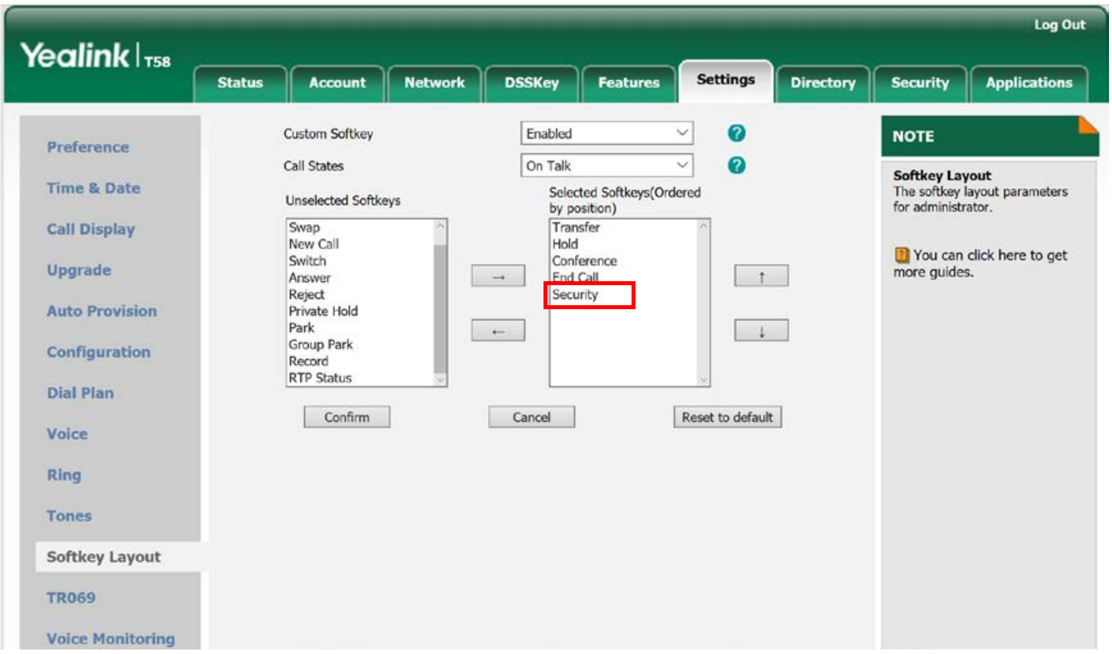
Description: The Security Classification service allows BroadWorks to classify a user's calls with a security classification level. It enables users to be conscious of the maximum level of classified information that can be exchanged in the conversation.

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:

Click on **Settings** -> **Softkey Layout.**


Yealink | T58
Log Out
Status
Account
Network
DSSKey
Features
Settings
Directory
Security
Applications
Preference
Time & Date
Call Display
Upgrade
Auto Provision
Configuration
Dial Plan
Voice
Ring
Tones
Softkey Layout
TR069
Voice Monitoring
→
←
↑
↓
Confirm
Cancel
Reset to default
NOTE

Custom Softkey: Enabled

Call States: On Talk

Unselected Softkeys:
Swap
New Call
Switch
Answer
Reject
Private Hold
Park
Group Park
Record
RTP Status

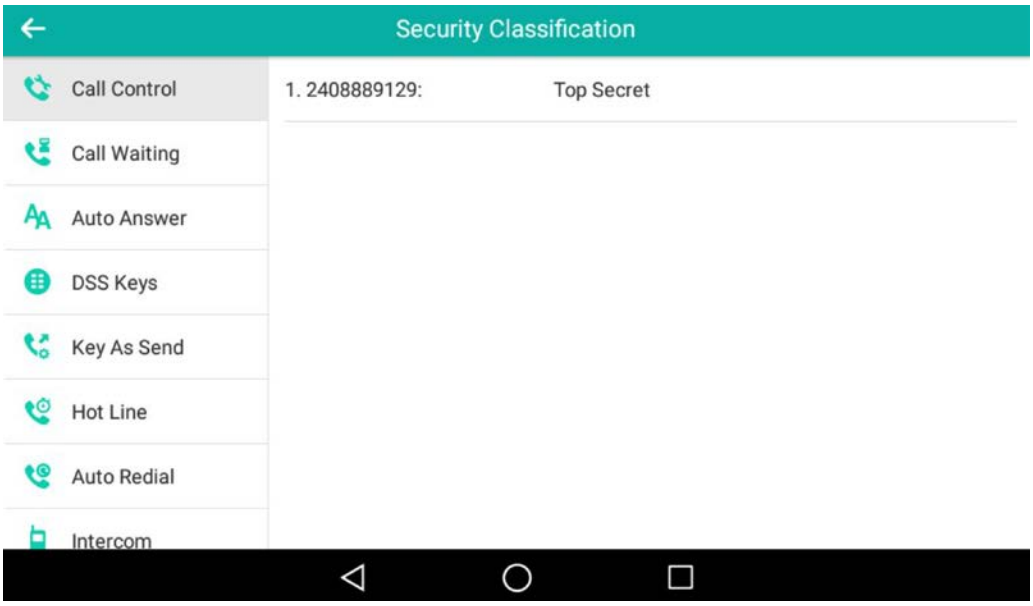
Selected Softkeys(Ordered by position):
Transfer
Hold
Conference
End Call
Security

Softkey Layout
The softkey layout parameters for administrator.

You can click here to get more guides.

To view the assigned security classification level when the phone is idle:

Navigate to **Settings** -> **Features** -> **Call Control** -> **Security Classification.**



1. 2408889129: Top Secret

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 =

expansion_module.X.key.Y.value =

linekey.X.label =

programablekey.X.label =

expansion_module.X.key.Y.label =

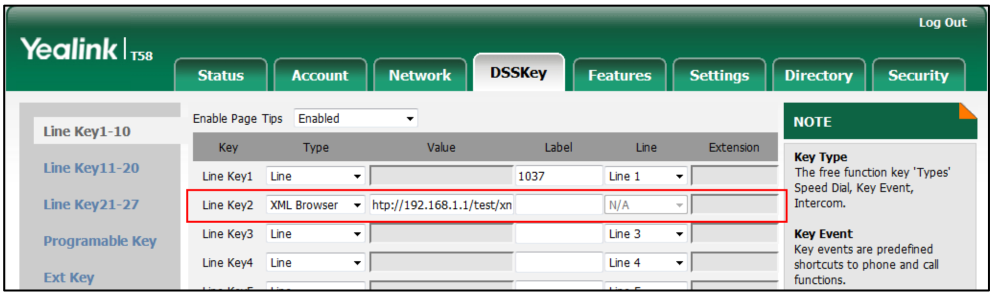
push_xml.server =

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**).


Yealink | T58
Log Out
Status
Account
Network
DSSKey
Features
Settings
Directory
Security
Line Key1-10
Line Key11-20
Line Key21-27
Programable Key
Ext Key

Enable Page Tips: Enabled

Key	Type	Value	Label	Line	Extension
Line Key1	Line		1037	Line 1	
Line Key2	XML Browser	htp://192.168.1.1/test/xn		N/A	
Line Key3	Line			Line 3	
Line Key4	Line			Line 4	

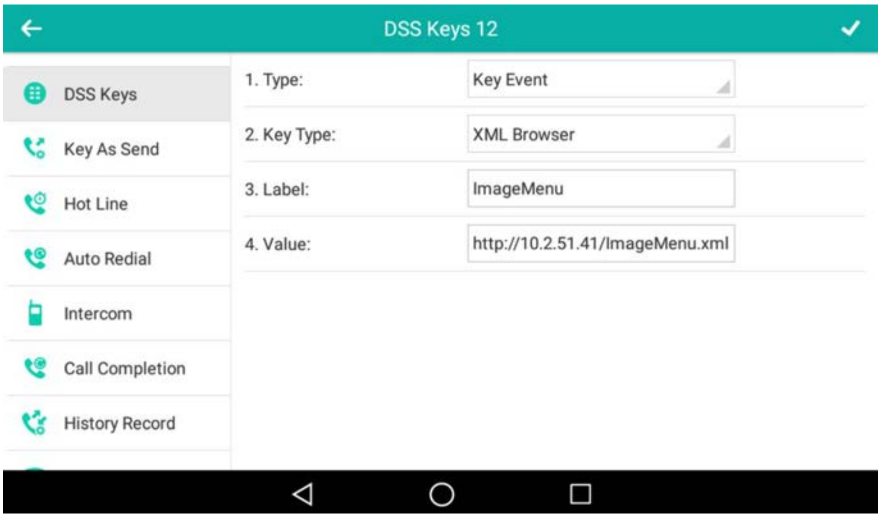
NOTE

Key Type
The free function key 'Types' Speed Dial, Key Event, Intercom.

Key Event
Key events are predefined shortcuts to phone and call functions.

To configure an XML Browser key via phone user interface:

Navigate to **Settings** -> **Features** -> **DSS Keys**.


DSS Keys 12
DSS Keys
Key As Send
Hot Line
Auto Redial
Intercom
Call Completion
History Record

1. Type: Key Event
2. Key Type: XML Browser
3. Label: ImageMenu
4. Value: http://10.2.51.41/ImageMenu.xml

14. Added the feature of Noise Suppression.

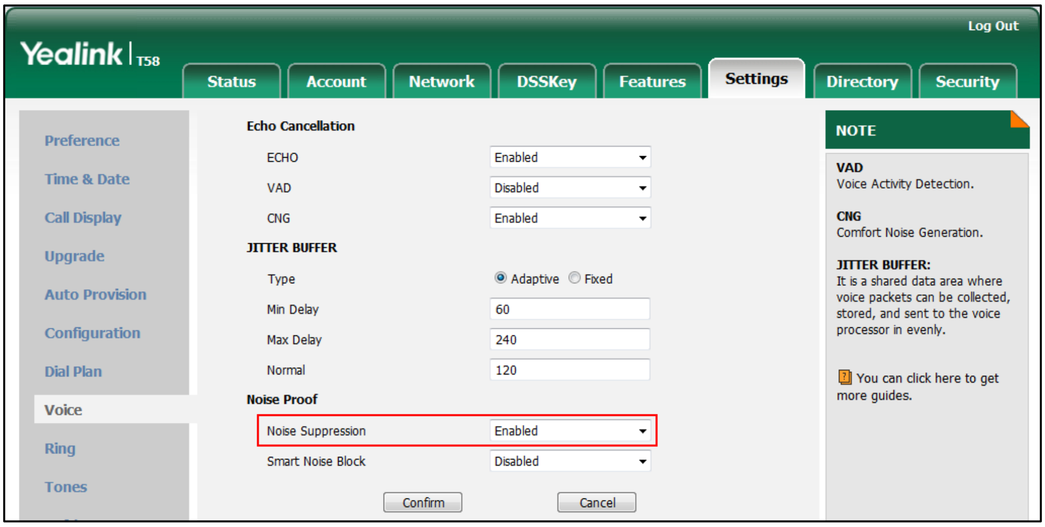
Description: The impact noise in the room are picked-up, including paper rustling, coffee mugs, coughing, typing, and silverware striking plates. These noises, when transmitted to remote participants, can be very distracting. You can enable the Noise Suppression feature to suppress these noises.

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

voice.tns.enable =

To configure Noise Suppression via web user interface:

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


Log Out
Yealink T58
Status
Account
Network
DSSKey
Features
Settings
Directory
Security
Preference
Time & Date
Call Display
Upgrade
Auto Provision
Configuration
Dial Plan
Voice
Ring
Tones
Confirm
Cancel

Echo Cancellation
ECHO: Enabled
VAD: Disabled
CNG: Enabled

JITTER BUFFER
Type: ● Adaptive ○ Fixed
Min Delay: 60
Max Delay: 240
Normal: 120

Noise Proof
Noise Suppression: Enabled
Smart Noise Block: Disabled

NOTE

VAD
Voice Activity Detection.

CNG
Comfort Noise Generation.

JITTER BUFFER:
It is a shared data area where voice packets can be collected, stored, and sent to the voice processor in evenly.

You can click here to get more guides.

15. Added the feature of Smart Noise Block.

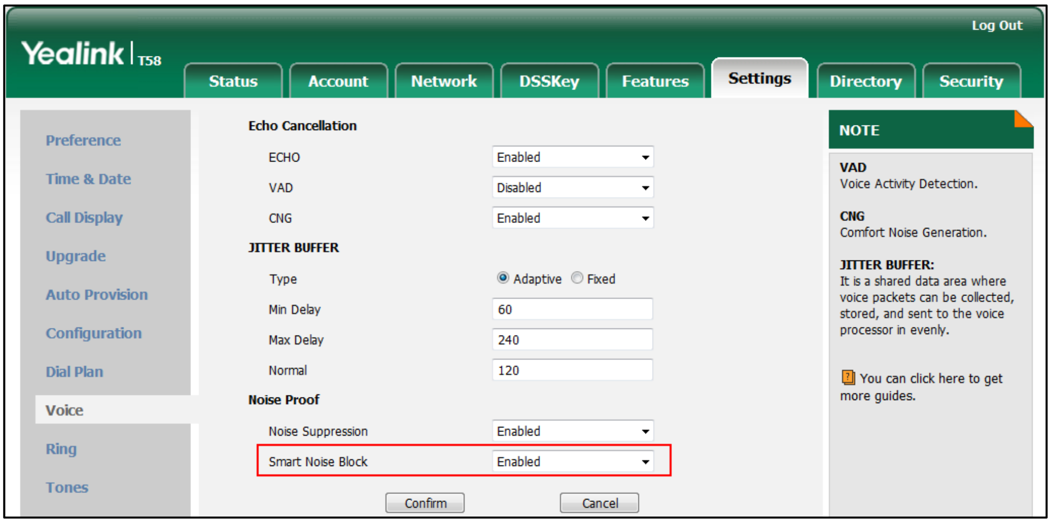
Description: You can use the Smart Noise Block feature to block out the noises when there is no speech in a call.

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 | T58
Status
Account
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DSSKey
Features
Settings
Directory
Security
Preference
Time & Date
Call Display
Upgrade
Auto Provision
Configuration
Dial Plan
Voice
Ring
Tones
Confirm
Cancel

Echo Cancellation

ECHO: Enabled

VAD: Disabled

CNG: Enabled

JITTER BUFFER

Type: ● Adaptive ○ Fixed

Min Delay: 60

Max Delay: 240

Normal: 120

Noise Proof

Noise Suppression: Enabled

Smart Noise Block: Enabled

NOTE

VAD
Voice Activity Detection.

CNG
Comfort Noise Generation.

JITTER BUFFER:
It is a shared data area where voice packets can be collected, stored, and sent to the voice processor in evenly.

You can click here to get more guides.

16. Added the feature of MissCall Power Light Flash.

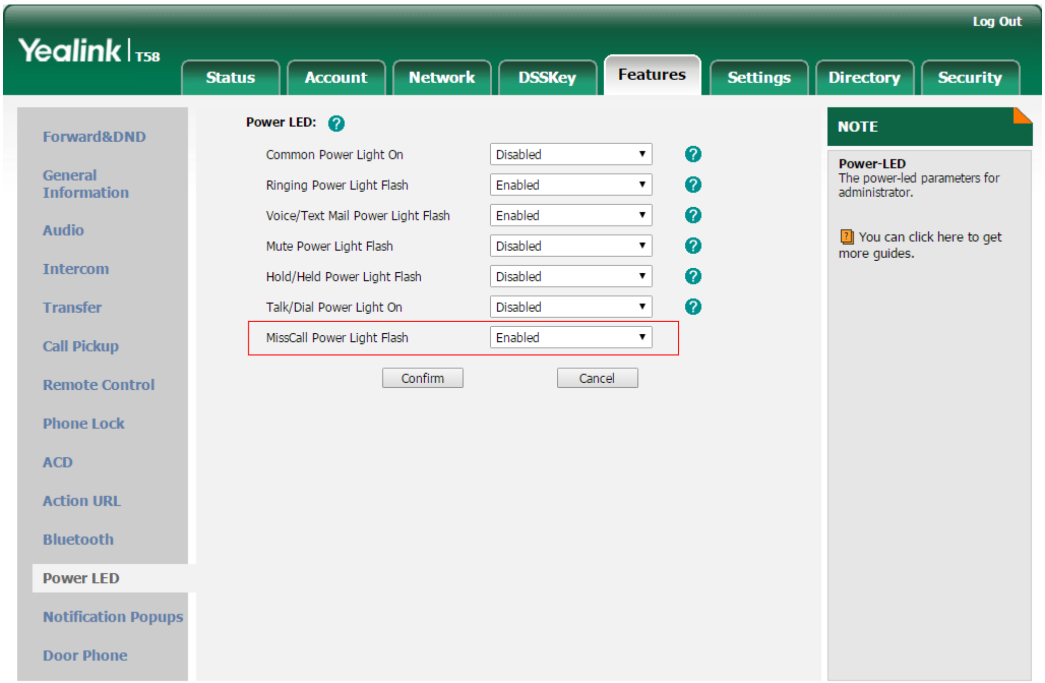
Description: MissCall Power Light Flash allows the power indicator LED to flash when the IP phone misses a call.

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**.


Log Out
Yealink | T58
Status
Account
Network
DSSKey
Features
Settings
Directory
Security
Forward&DND
General Information
Audio
Intercom
Transfer
Call Pickup
Remote Control
Phone Lock
ACD
Action URL
Bluetooth
Power LED
Notification Popups
Door Phone
Confirm
Cancel

Power LED:

Common Power Light On: Disabled

Ringing Power Light Flash: Enabled

Voice/Text Mail Power Light Flash: Enabled

Mute Power Light Flash: Disabled

Hold/Held Power Light Flash: Disabled

Talk/Dial Power Light On: Disabled

MissCall Power Light Flash: Enabled

NOTE

Power-LED
The power-led parameters for administrator.

You can click here to get more guides.

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_enable =
   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 =

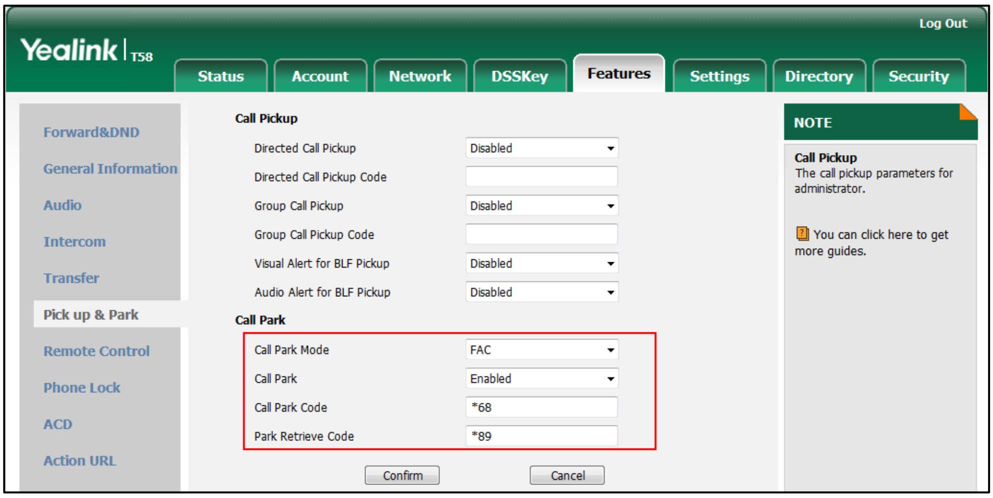
   features.call_park.park_retrieve_code =

   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**.


Log Out
Yealink | T58
Status
Account
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DSSKey
Features
Settings
Directory
Security
Forward&DND
General Information
Audio
Intercom
Transfer
Pick up & Park
Remote Control
Phone Lock
ACD
Action URL
Confirm
Cancel

Call Pickup

Directed Call Pickup	Disabled
Directed Call Pickup Code	
Group Call Pickup	Disabled
Group Call Pickup Code	
Visual Alert for BLF Pickup	Disabled
Audio Alert for BLF Pickup	Disabled

Call Park

Call Park Mode	FAC
Call Park	Enabled
Call Park Code	*68
Park Retrieve Code	*89

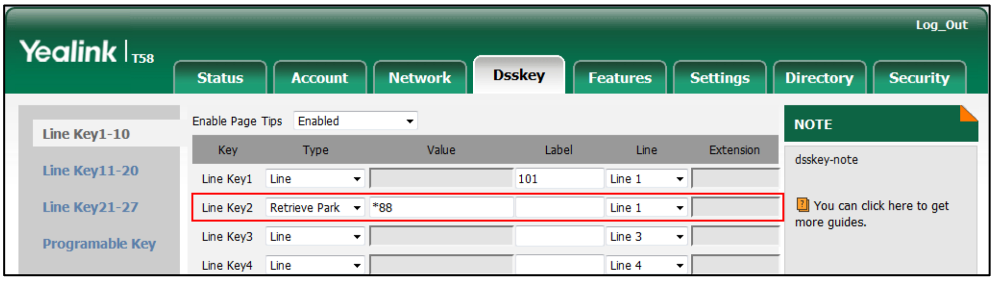
NOTE

Call Pickup
The call pickup parameters for administrator.

You can click here to get more guides.

To configure a retrieve park key via web user interface:

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


Log_Out
Yealink | T58
Status
Account
Network
Dsskey
Features
Settings
Directory
Security
Line Key1-10
Line Key11-20
Line Key21-27
Programable Key

Enable Page Tips: Enabled

Key	Type	Value	Label	Line	Extension
Line Key1	Line		101	Line 1	
Line Key2	Retrieve Park	*88		Line 1	
Line Key3	Line			Line 3	
Line Key4	Line			Line 4	

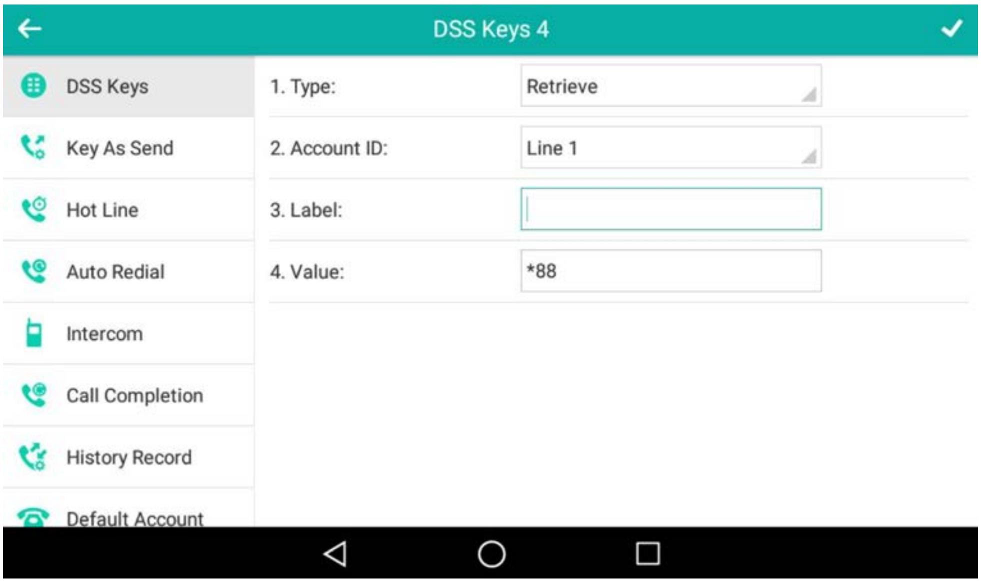
NOTE

dsskey-note

You can click here to get more guides.

To configure a retrieve park key via phone user interface:

Navigate to **Settings** -> **Features** -> **DSS Keys**.


DSS Keys 4
DSS Keys
Key As Send
Hot Line
Auto Redial
Intercom
Call Completion
History Record
Default Account

1. Type: Retrieve
2. Account ID: Line 1
3. Label:
4. Value: *88

8. **Optimized the feature of Power Saving.**

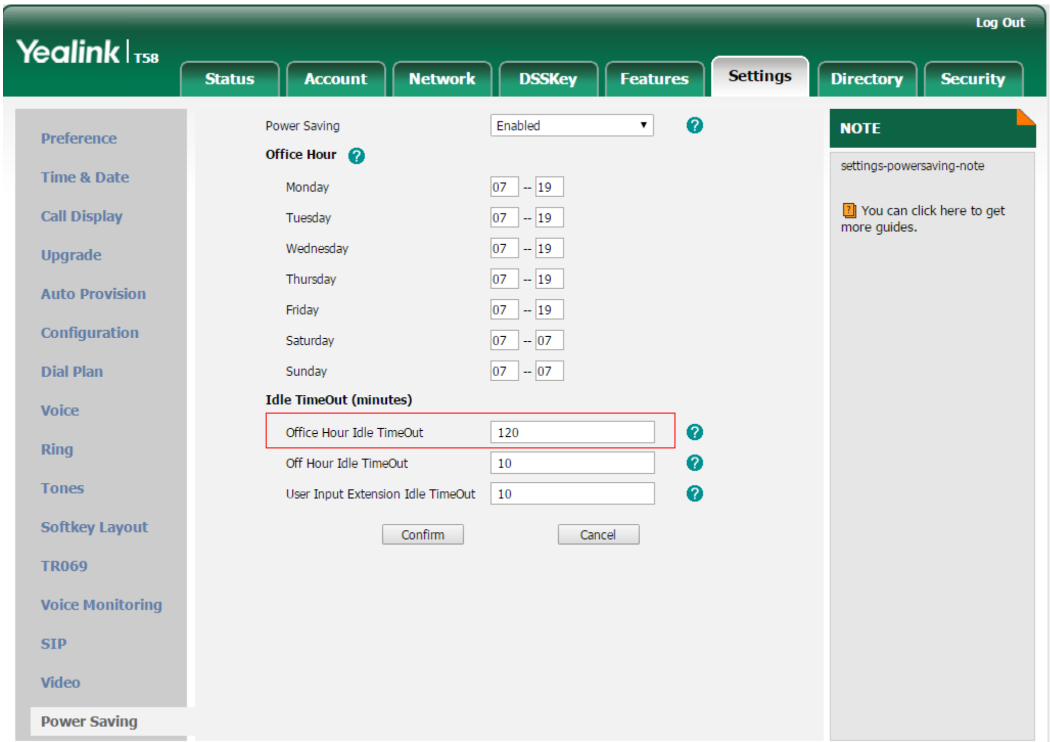
Description: You can configure IP phone to enter power-saving mode when it has been inactivated for 1 minute to 120 minutes (2 hours) during the office hours.

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**.


Yealink T58
Log Out
Status
Account
Network
DSSKey
Features
Settings
Directory
Security
Preference
Time & Date
Call Display
Upgrade
Auto Provision
Configuration
Dial Plan
Voice
Ring
Tones
Softkey Layout
TR069
Voice Monitoring
SIP
Video
Power Saving
Confirm
Cancel
NOTE

Power Saving: Enabled

Office Hour

Monday 07 -- 19
Tuesday 07 -- 19
Wednesday 07 -- 19
Thursday 07 -- 19
Friday 07 -- 19
Saturday 07 -- 07
Sunday 07 -- 07

Idle TimeOut (minutes)

Office Hour Idle TimeOut: 120
Off Hour Idle TimeOut: 10
User Input Extension Idle TimeOut: 10

settings-powersaving-note

You can click here to get more guides.

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).

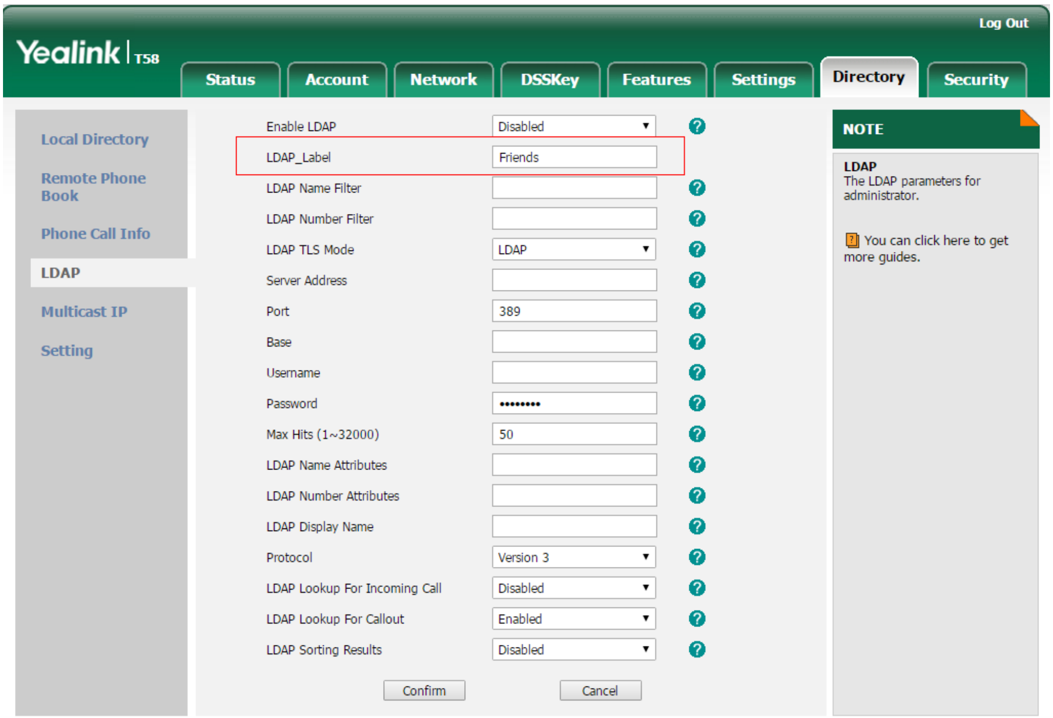
Description: You can configure the display name of the LDAP phone book.

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.**


Yealink | T58
Log Out
Status
Account
Network
DSSKey
Features
Settings
Directory
Security
Local Directory
Remote Phone Book
Phone Call Info
LDAP
Multicast IP
Setting
Confirm
Cancel
NOTE

Enable LDAP: Disabled
LDAP_Label: Friends
LDAP Name Filter:
LDAP Number Filter:
LDAP TLS Mode: LDAP
Server Address:
Port: 389
Base:
Username:
Password: ••••••••
Max Hits (1~32000): 50
LDAP Name Attributes:
LDAP Number Attributes:
LDAP Display Name:
Protocol: Version 3
LDAP Lookup For Incoming Call: Disabled
LDAP Lookup For Callout: Enabled
LDAP Sorting Results: Disabled

LDAP
The LDAP parameters for administrator.

You can click here to get more guides.

7. Configuration Parameters Enhancements

Auto Provision Template Flies Change Log

Firmware Version： [58.80.193.25]-[58.80.193.40]

Function	**Provisioning syntax Comparison**		**Permitted Value**	**Default Value**	**Action**	**Description**	**File**
	58.80.193.25	**58.80.193.40**					
Digit Map		dialplan.digitmap.apply_to.history_dial =	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.digitmap.enable” is set to 1 (Enabled). The value	mac.cfg

						configured by the parameter “account.X.dialplan.digitmap.apply_to.history_dial” takes precedence over that configured by this parameter.	
LED		phone_setting.missed_call_power_led_flash.enable =	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.customize_label =	String within 99 characters	Blank	Add	It configures the display name of the LDAP phone book. Example: ldap.customize_label = Friends If it is left blank, "LDAP" will be the display name. Note: It works only if the value of the parameter “ldap.enable” is set to 1 (Enabled).	common.cfg
Door Phone		features.doorphone.amount =	Integer from 0 to 99	2	Add	It configures the number of IP intercoms supported by the IP phone.	common.cfg
Door Phone		features.doorphone.X.device_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

Door Phone		features.doorphone.X.videopreview.enable =	0 or 1	0	Add	It enables or disables the video preview before picking up the incoming visitor’s call. 0-Disabled 1-Enabled If it is set to 1 (Enabled) and the value of the parameter “features.doorphone.X.autopreview.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.doorphone.X.autopreview.enable =	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. 0-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.videopreview.enable” is set to 1	common.cfg

						(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).	
Door Phone		features.doorphone.X.video.stream.httpurl =	URL within 511 characters	Blank	Add	The valid URL format is: http://<IP address of the IP intercom>/mjpg/video.mjpg or http://username:password@<IP address of the IP intercom>/mjpg/video.mjp. Example: features.doorphone.1.video.stream.httpurl= http://192.168.1.1/mjpg/video.mjpg Users can tap the Video View soft key to receive the video stream from the IP intercom. And the video stream is received from the configured URL. Note: It works only if the value of the parameter “features.doorphone.X.device_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.httpapi.username” and “features.doorphone.X.httpapi.password”).	common.cfg
Door Phone		features.doorphone.X.autovideoview.e	0 or 1	1	Add	It enables or disables the IP phone to display the video automatically after	common.cfg

		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.device_model" is set to 3 (Baudisch) and the video access URL is valid (configured by the parameter "features.doorphone.X.video.stream.httpurl").	
Door Phone		features.doorphone.X.httpapi.username =	String within 99 characters	Blank	Add	It configures the user name for HTTP API authentication. Note: It is required only if the IP intercom needs the HTTP API authentication.	common.cfg
Door Phone		features.doorphone.X.httpapi.password =	String within 99 characters	Blank	Add	It configures the password of HTTP API authentication. Note: It is required only if the IP intercom needs the HTTP API authentication.	common.cfg
Conference		features.local_conf.combine_with_one_press.enable =	0 or 1	0	Add	It enables or disables the IP phone to set up a conference directly after the invitee answers the call. 0-Disabled 1-Enabled If it is set to 0 (Disabled), the original call is placed on hold. The user needs to tap the Conference soft key again to set up a conference after the invitee answers the	common.cfg

						call.	
Broadsoft UC		bw.xmpp.enable =	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.change_presence.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_setting.dsskey_directory_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

						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_tail_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

						"Sunmy (785656)". "656", "56" or "6" would not match "Sunmy (785656)".	
Broadsoft UC		bw.xmpp.presence_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.change_presence.force_manual.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.enable =	0 or 1	0	Add	It enables or disables the XSI authentication feature for the IP phone. 0-Disabled 1-Enabled If it is set to 0 (Disabled), the following features are unavailable on the phone: BroadWorks Anywhere Remote Office Line ID Blocking Anonymous Call Rejection Simultaneous Ring Personal BroadSoft Directory BroadSoft Call Log Call Park Feature via XSI Mode Voice Messaging/Video Voice Messaging Centralized Call Recording Executive and Assistant	mac.cfg
Broadsoft phoneboo		bw.xsi.directory.enable =	0 or 1	0	Add	It enables or disables the network directory feature	mac.cfg

k						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).	
Broadsoft phonebook		bw.xsi.directory.alphabetized_by_lastname.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. 0-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. 0-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_source.preference =	String	P-Preferred-Identity, P-Asserted-Identity, Remote-Party-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

						the parameter “account.X.cid_source” is set to 6 (PREFERENCE).	
Broadsoft _Visual Voicemail		bw.voice_mail.visual.enable =	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_mail.visual.display_videomail.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.enable" 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. 0-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

						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_available_timer =	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.acd.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.acd.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. 0-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.acd.unavailable_reason_enable =	0 or 1	0	Add	It enables or disables the unavailable/away reason code feature for a specific account.	mac.cfg

						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.acd.initial_state =	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.reason_code.Y =	Integer from 1 to 2147483647	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.reason_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.flexible_seating.enable =	0 or 1	0	Add	It enable or disable the flexible seating feature for a specific account. 0-Disabled 1-Enabled Note: For host, It works only if the values of the parameters	mac.cfg

						“account.X.hoteling.enable” and “account.X.acd.enable” are set to 0 (Disabled).	
Broadsoft Flexible Seating		account.X.hoteling.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.hoteling.pin =	String	Blank	Add	It configures the flexible seating PIN for a specific account.	mac.cfg
Broadsoft Flexible Seating		account.X.hoteling.expires =	Integer greater than 30	3600	Add	It configures the hoteling subscription expiration time (in seconds) for a specific account.	mac.cfg
Broadsoft _Centralized Call Recording		account.X.call_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.enable” is set to 0 (Disabled).	mac.cfg
BSFT		bw.call_recording.mode =	0 or 1	1	Add	It configures the centralized call recording mode. 0-XSI 1-SIP	common.cfg
Broadsoft Security Classification		account.X.security_classification.enable =	0 or 1	0	Add	It enables or disables security classification feature. 0-Disabled 1-Enabled	common.cfg
Call Decline Policy		account.X.features.call_decline.enable =	0 or 1	Blank	Add	It enables or disables call decline feature for a specific account. 0-Disabled	mac.cfg

						1-Enabled	
Call Decline Policy		features.call_decline.enable =	0 or 1	0	Add	It enables or disables call decline feature for the IP phone. 0-Disabled 1-Enabled	common.cfg
Noise Suppression		voice.tns.enable =	0 or 1	1	Add	It enables or disables the Noise Suppression feature on the IP phones. 0-Disabled 1-Enabled	common.cfg
Noise Suppression		voice.ans_nb.enable =	0 or 1	0	Add	It enables or disables the Smart Noise Block feature on the IP phones. 0-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.server =	IP address	Blank	Add	It configures the IP address of the push XML server.	common.cfg
PushXML		push_xml.block_in_calling =	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.codec.<payload_type>.rtpmap =				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 27th, 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.