

## Yealink W56P IP DECT Phone Release Notes of Version 80

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## Yealink W56P IP DECT Phones Release Notes of Version x.80.0.15

### 1. Introduction

- Firmware Version:  
Base Version: 25.80.0.10 upgrades to 25.80.0.15.  
W56H: 61.80.0.10 upgrades to 61.80.0.15
- Applicable Models: Base for W52P/W56P, W56H
- Release Date: July 14<sup>th</sup>, 2016.

**Note:** Yealink W56P IP DECT Phone uses the same base station with W52P IP DECT Phone. If the base is upgraded from V73 to V80, it can be used with both W56H and W52H, but the newly added features in V80 base only apply to W56H. While if you are still using the base in V73, only W52H is applicable.

### 2. New Features

1. Added the feature of RTCP-XR.
2. Added the feature of IPv6 support.
3. Added the feature that you can customize your own web user interface for W56P IP DECT phone.
4. Added the feature that users can login the web user interface quickly of the IP DECT phone.

### 3. Optimization

1. Deleted two languages- Czech and Hebrew from W56P IP DECT phone.
2. Optimized the feature of Screen Activation.

### 4. Bug Fixes

None

## 5. New Features Descriptions

### 1. Added the feature of RTCP-XR.

**Description:** The RTCP-XR mechanism, complaint with RFC 3611-RTP Control Extended Reports (RTCP XR), provides the metrics contained in RTCP-XR packets for monitoring the quality of calls. These metrics include network packet loss, delay metrics, analog metrics and voice quality metrics.

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

*voice.rtcp\_xr.enable =*

*phone\_setting.rtcp\_xr\_report.enable =*

*phone\_setting.vq\_rtcpxr.session\_report.enable =*

*phone\_setting.vq\_rtcpxr.interval\_report.enable =*

*phone\_setting.vq\_rtcpxr\_interval\_period =*

*phone\_setting.vq\_rtcpxr\_moslq\_threshold\_warning =*

*phone\_setting.vq\_rtcpxr\_moslq\_threshold\_critical =*

*phone\_setting.vq\_rtcpxr\_delay\_threshold\_warning =*

*phone\_setting.vq\_rtcpxr\_delay\_threshold\_critical =*

*phone\_setting.vq\_rtcpxr.states\_show\_on\_web.enable =*

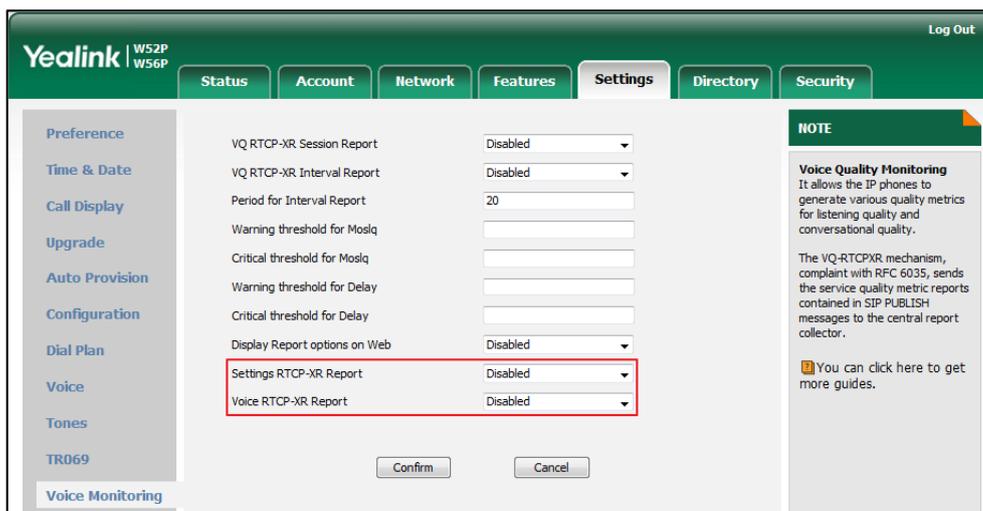
*account.x.vq\_rtcpxr.collector\_server\_host =*

*account.x.vq\_rtcpxr.collector\_name =*

*account.x.vq\_rtcpxr.collector\_server\_port =*

**To configure RTCP-XR feature via web user interface:**

Press **Settings** -> **Voice Monitoring**.



### 2. Added the feature of IPv6 support.

**Description:** IPv6 is developed by the Internet Engineering Task Force (IETF) to deal with the long-anticipated problem of IPv4 address exhaustion. IPv6 uses a 128-bit address, consisting of eight groups of four hexadecimal digits separated by colons; for example, 2026:1234:1:1:215:65ff:fe1f:caa. VoIP network based on IPv6 can provide end-to-end security capabilities, enhanced Quality of Service (QoS), a set of service requirements to deliver performance guarantee while transporting traffic over the network.

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

*network.ip\_address\_mode =*

*network.ipv6\_static\_dns\_enable =*

*network.ipv6\_prefix =*

*network.ipv6\_primary\_dns =*

*network.ipv6\_secondary\_dns =*

*network.ipv6\_internet\_port.type =*

*network.ipv6\_internet\_port.ip =*

*network.ipv6\_internet\_port.gateway =*

**To configure IPv6 address assignment method via web user interface:**

Click on **Network->Basic**.

The screenshot shows the Yealink web interface for configuring network settings. The 'Network' tab is active, and the 'Basic' sub-tab is selected. The 'Internet Port' section is expanded to show 'IPv6 Config'. The 'Mode' is set to 'IPv6'. Under 'IPv6 Config', 'DHCP' is selected. The 'IPv6 Static DNS' option is checked 'On', and the 'Primary DNS' and 'Secondary DNS' fields are populated with IPv6 addresses: 3036:1:1:c3c7:c11c:5447:2 and 2026:1234:1:1:c3c7:c11c:5- respectively. A 'NOTE' sidebar on the right provides information about DHCP, Static IP Address, PPPoE, and IPv6 Support.

### 3. Added the feature that you can customize your own web user interface for W56P IP DECT phone.

**Description:** Using the related configuration parameters, you can configure the link to a page when clicking the logo on the web navigation bar, the web title of the IP phones, the model name on web navigation bar, the access URL of web theme file, the access URL of web navigation bar file and delete all web navigation bar files.

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

*web\_setting.logo\_link =*  
*web\_setting.title =*  
*web\_setting.model\_name =*  
*web\_setting.color.url =*  
*web\_setting.picture.url =*  
*web\_setting.picture.delete =*

### 4. Added the feature that users can login the web user interface quickly of the IP DECT phone.

**Description:** Users can login the web user interface quickly of the IP DECT phone using <https://username:password@IP> (for example, <https://admin:admin@192.168.0.1>), instead of entering the user name and password manually in the pop-up box on the web user interface.

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

*wui.quick\_login =*

## 6. Optimization Descriptions

### 1. Deleted two languages- Czech and Hebrew from W56P IP DECT phone.

**Description:** The IP DECT phones support multiple languages. Languages used on the handset user interface and web user interface can be specified respectively as required.

The following table lists the supported languages on the handset user interface and the web user interface.

Handset	Web User Interface
English	English

Handset	Web User Interface
French	French
German	German
Italian	Italian
Polish	Polish
Portuguese	Portuguese
Spanish	Spanish
Turkish	Turkish
Swedish	Russian
Russian	

## 2. Optimized the feature of Screen Activation.

**Description:** When the handset is under Screen Saver state or entering power-saving mode, press keys on the handset to activate related functions. For instance: while the handset is under Screen Saver state, press the "OK" key, and the handset will directly go to the Menu.

## 7. Configuration Parameters Enhancements

Auto Provision Template Flies Change Log							
Firmware Version: [x. 80.0.10]-[ x.80.0.15]							
Feature	Provisioning syntax Comparison		Permitted Values	Default Value	Action	Description	File
	x. 80.0.10	x.80.0.15					
RTCP-XR		voice.rtcp_xr.enable =	0 or 1	0	Add	It enables or disables the IP phone to send RTCP-XR packets. 0-Disabled 1-Enabled	common.cfg
RTCP-XR		phone_setting.rtcp_xr_report.enable =	0 or 1	0	Add	It enables or disables the IP phone to periodically (every 5 seconds) send RTCP-XR packets to another participating phone during a call for call quality monitoring and diagnosing. 0-Disabled	common.cfg

						1-Enabled Note: It works only if the value of the parameter "voice.rtcp_xr.enable" is set to 1 (Enabled).	
RTCP-XR		phone_setting.vq_rtcpxr.session_report.enable =	0 or 1	0	Add	It enables or disables the IP phone to send a session quality report to the central report collector at the end of each call. 0-Disabled 1-Enabled	common.cfg
RTCP-XR		phone_setting.vq_rtcpxr.interval_report.enable =	0 or 1	0	Add	It enables or disables the IP phone to send an interval quality report to the central report collector periodically throughout a call. 0-Disabled 1-Enabled	common.cfg
VQ-RTCPXR		phone_setting.vq_rtcpxr_interval_period =	Integer from 5 to 20	20	Add	It configures the interval (in seconds) for the IP phone to send an interval quality report to the central report collector periodically throughout a call. Note: It works only if the value of the parameter "phone_setting.vq_rtcpxr_interval_report.enable" is set to 1 (Enabled).	common.cfg
VQ-RTCPXR		phone_setting.vq_rtcpxr_moslq_threshold_warning =	15 to 40	Blank	Add	It configures the threshold value of listening MOS score (MOS-LQ) multiplied by 10. The threshold value of MOS-LQ causes the phone to send a warning alert quality report to the central report collector. For example, a configured value of 35 corresponds to the MOS score 3.5. When	common.cfg

						<p>the MOS-LQ value computed by the phone is less than or equal to 3.5, the phone will send a warning alert quality report to the central report collector. When the MOS-LQ value computed by the phone is greater than 3.5, the phone will not send a warning alert quality report to the central report collector.</p> <p>If it is set to blank, warning alerts are not generated due to MOS-LQ.</p>	
VQ-RTCPX R		phone_setting.vq_rtcpxr_moslq_threshold_critical =	15 to 40	Blank	Add	<p>It configures the threshold value of listening MOS score (MOS-LQ) multiplied by 10. The threshold value of MOS-LQ causes the phone to send a critical alert quality report to the central report collector.</p> <p>For example, a configured value of 28 corresponds to the MOS score 2.8. When the MOS-LQ value computed by the phone is less than or equal to 2.8, the phone will send a critical alert quality report to the central report collector. When the MOS-LQ value computed by the phone is greater than 2.8, the phone will not send a critical alert quality report to the central report collector.</p> <p>If it is set to blank, critical alerts are not generated due to MOS-LQ.</p>	common. cfg
VQ-RTCPX R		phone_setting.vq_rtcpxr	10 to 2000	Blank	Add	<p>It configures the threshold value of one way delay (in</p>	common. cfg

		_delay_thres hold_warnin g =				<p>milliseconds) that causes the phone to send a warning alert quality report to the central report collector.</p> <p>For example, if it is set to 500, when the value of one way delay computed by the phone is greater than or equal to 500, the phone will send a warning alert quality report to the central report collector; when the value of one way delay computed by the phone is less than 500, the phone will not send a warning alert quality report to the central report collector.</p> <p>If it is set to blank, warning alerts are not generated due to one way delay. One-way delay includes both network delay and end system delay.</p>	
VQ-RTCPX R		phone_setti ng.vq_rtcp _delay_thres hold_critical =	10 to 2000	Blank	Add	<p>It configures the threshold value of one way delay (in milliseconds) that causes phone to send a critical alert quality report to the central report collector.</p> <p>For example, if it is set to 500, when the value of one way delay computed by the phone is greater than or equal to 500, the phone will send a critical alert quality report to the central report collector; when the value of one way delay computed by the phone is less than 500, the phone will not send a critical alert quality report to the central report collector.</p>	common. cfg

						If it is set to blank, critical alerts are not generated due to one way delay. One-way delay includes both network delay and end system delay.	
VQ-RTCPX R		phone_setting.vq_rtcpxr.states_show_on_web.enable =	0 or 1	0	Add	It enables or disables the voice quality data of the last call to be displayed on web interface at path Status->RTP Status.  0-Disabled 1-Enabled	common. cfg
VQ-RTCPX R (X ranges from 1 to 5.)		account.x.vq_rtcpxr.collector_server_host =	IPv4 Address	Blank	Add	It configures the IP address of the central report collector that accepts voice quality reports contained in SIP PUBLISH messages for account X.	mac.cfg
VQ-RTCPX R (X ranges from 1 to 5.)		account.x.vq_rtcpxr.collector_name =	String within 32 characters	Blank	Add	It configures the host name of the central report collector that accepts voice quality reports contained in SIP PUBLISH messages for account X.	mac.cfg
VQ-RTCPX R (X ranges from 1 to 5.)		account.x.vq_rtcpxr.collector_server_port =	Integer from 1 to 65535	5060	Add	It configures the port of the central report collector that accepts voice quality reports contained in SIP PUBLISH messages for account X.	mac.cfg
WEB HTTP(S)		wui.quick_login =	0 or 1	0	Add	It enables or disables the user to quick login the web user interface of the IP DECT phone using https://username:password@IP.  0-Disabled 1-Enabled  Example: https://admin:admin@192.168.0.1	common. cfg

IP Mode		network.ip_address_mode =	0, 1 or 2	0	Add	It configures the IP address mode. 0-IPv4 1-IPv6 2-IPv4 & IPv6	mac.cfg
IPv6		network.ipv6_static_dns_enable =	0 or 1	0	Add	It triggers the static IPv6 DNS feature to on or off. 0-Off 1-On If it is set to 0 (Off), the IP DECT phone will use the DNS obtained from DHCP. If it is set to 1 (On), the IP DECT phone will use manually configured static DNS. Note: It works only if the value of the parameter "network.ipv6_internet_port.type" is set to 0 (DHCP).	mac.cfg
IPv6		network.ipv6_prefix =	Integer from 0 to 128	64	Add	It configures the IPv6 prefix. Note: It works only if the value of the parameter "network.ip_address_mode" is set to 1 (IPv6) or 2 (IPv4 & IPv6), and "network.ipv6_internet_port.type" is set to 1 (Static IP Address).	mac.cfg
IPv6		network.ipv6_primary_dns =	IPv6 address	Blank	Add	It configures the primary IPv6 DNS server. Example: network.ipv6_primary_dns = 3036:1:1:c3c7:c11c:5447:23a6:256 Note: It works only if the value of the parameter "network.ip_address_mode" is set to 1 (IPv6) or 2 (IPv4 & IPv6). In DHCP	mac.cfg

						environment, you also need to make sure the value of the parameter "network.ipv6_static_dns_enable" is set to 1 (On).	
IPv6		network.ipv6_secondary_dns =	IPv6 address	Blank	Add	<p>It configures the secondary IPv6 DNS server.</p> <p>Example:</p> <pre>network.ipv6_secondary_dns = 2026:1234:1:1:c3c7:c11c:5447:23a6</pre> <p>Note: It works only if the value of the parameter "network.ip_address_mode" is set to 1 (IPv6) or 2 (IPv4 &amp; IPv6). In DHCP environment, you also need to make sure the value of the parameter "network.ipv6_static_dns_enable" is set to 1 (On).</p>	mac.cfg
IPv6		network.ipv6_internet_port.type =	0 or 1	0	Add	<p>It configures the Internet port (WAN) type for IPv6.</p> <p>0-DHCP 1-Static IP Address</p> <p>Note: It works only if the value of the parameter "network.ip_address_mode" is set to 1 (IPv6) or 2 (IPv4 &amp; IPv6).</p>	mac.cfg
IPv6		network.ipv6_internet_port.ip =	IPv6 address	Blank	Add	<p>It configures the IPv6 address.</p> <p>Example:</p> <pre>network.ipv6_internet_port.ip = 2026:1234:1:1:215:65ff:fe1f:caa</pre> <p>Note: It works only if the value of the parameter "network.ip_address_mode</p>	mac.cfg

						" is set to 1 (IPv6) or 2 (IPv4 & IPv6), and "network.ipv6_internet_port.type" is set to 1 (Static IP Address).	
IPv6		network.ipv6_internet_port.gateway =	IPv6 address	Blank	Add	It configures the IPv6 default gateway. Example: network.ipv6_internet_port.gateway = 3036:1:1:c3c7:c11c:5447:23a6:255 Note: It works only if the value of the parameter "network.ip_address_mode" is set to 1 (IPv6) or 2 (IPv4 & IPv6), and "network.ipv6_internet_port.type" is set to 1 (Static IP Address).	mac.cfg
Web Setting		web_setting.logo_link =	URL within 511 characters	http://www.yealink.com	Add	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	Add	It configures the web title of the IP phones.	common.cfg
Web Setting		web_setting.model_name =	URL within 511 characters	Yealink W56P	Add	It configures the model name on web navigation bar.	common.cfg
Web Setting		web_setting.color.url = (File Format:.cfg)	URL within 511 characters	Blank	Add	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 phone connects to the	common.cfg

						provisioning server "192.168.1.25", and downloads the web theme file "theme.cfg".	
Web Setting		web_setting. picture.url = (File Format: .tar)	URL within 511 characters	Blank	Add	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 can custom the logo.  Example:  web_setting.picture.url = http://192.168.10.25/pictur e.tar	common. cfg
Web Setting		web_setting. picture.delete =	http://localho st/all	Blank	Add	It deletes all web navigation bar files.  Example:  web_setting.picture.delete = http://localhost/all	common. cfg

## Yealink W56P IP DECT Phone Release Notes of Version 25.80.0.10

### 1. Introduction

- Firmware Version:  
Base Version: 25.73.0.40 upgrades to 25.80.0.10.
- Applicable Models: Base for W52P/W56P
- Release Date: April 15<sup>th</sup>, 2016.

**Note:** Yealink W56P IP DECT Phone uses the same base station with W52P IP DECT Phone. If the base is upgraded from V73 to V80, it can be used with both W56H and W52H, but the newly added features in V80 base only apply to W56H. While if you are still using the base in V73, only W52H is applicable.

### 2. New Features

1. Added the feature of customizing a language for web user interface.
2. Added the feature of specifying the default input method when the user searches for contacts on W56H.
3. Added the feature of exporting and importing CFG configuration files.
4. Added the feature of Location in Time Zone module.
5. Added the feature of Outbound Proxy Server when registering an account via web user interface.
6. Added four configuration options for handset power indicator LED.
7. Added the feature of Dial-now.
8. Added the support for TLS authentication of SHA256 algorithm.
9. Added the feature of LDAP.
10. Added the feature of Key As Send.
11. Added the feature of search source list in dialing.

### 3. Optimization

1. Changed some configuration paths on web user interface.

2. Merged the audio codecs iLBC\_13\_3 and iLBC\_15\_2 into iLBC.
3. Optimized the call display features.
4. Optimized the display method on dialing.
5. Added the feature of SCA.
6. Optimized the feature of End Call on Hook.
7. Added the configuration parameter of whether the User-Agent in SIP request messages is with MAC address or not.
8. Added the feature that you can configure the suffix of User-Agent in SIP request messages from the IP DECT phone for account X.
9. Optimized the feature of accept SIP trust server only.
10. Optimized the feature of Attempt Expired Time (s) of Auto Provision.
11. Optimized the feature of call timeout.
12. Added some built-in certificates.
13. Removed the  module for each configuration item on web user interface.
14. Optimized the feature of exporting the log files to the local system and added one method for exporting System Log.
15. Optimized the feature of STUN.

## 4. Bug Fixes

None

## 5. New Features Descriptions

### 5. Added the feature of customizing a language for web user interface.

**Description:** You can customize a language for web user interface. When adding a new language pack for the web user interface, the language pack must be formatted as “Y.name.js” (Y starts from 10, “name” is replaced with the language name). If the language name is the same as the existing one, the existing language file will be overridden by the new uploaded one. We recommend that the name of the new language file should not be the same as the existing languages.

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

*wui\_lang.url* =

*wui\_lang.delete* =

For more information please refer to the

*Yealink IP Dect Phones Administrator Guide\_V80\_10*

*Yealink IP Dect Phones Description of Configuration Parameters in CFG  
Files\_V80\_10*

**6. Added the feature of specifying the default input method when the user searches for contacts on W56H.**

**Description:** In addition to customizing the input method file, you can also specify the default input method for the IP DECT phone when editing or searching for contacts. The users can configure the default input method when searching for contacts in the Local Directory, LDAP, Remote Phone Book or Blacklist.

**To configure the input mode via the handset:**

OK -> Settings -> Display -> Input Method

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

*directory.search\_default\_input\_method =*

For more information please refer to the

*Yealink IP Dect Phones Administrator Guide\_V80\_10*

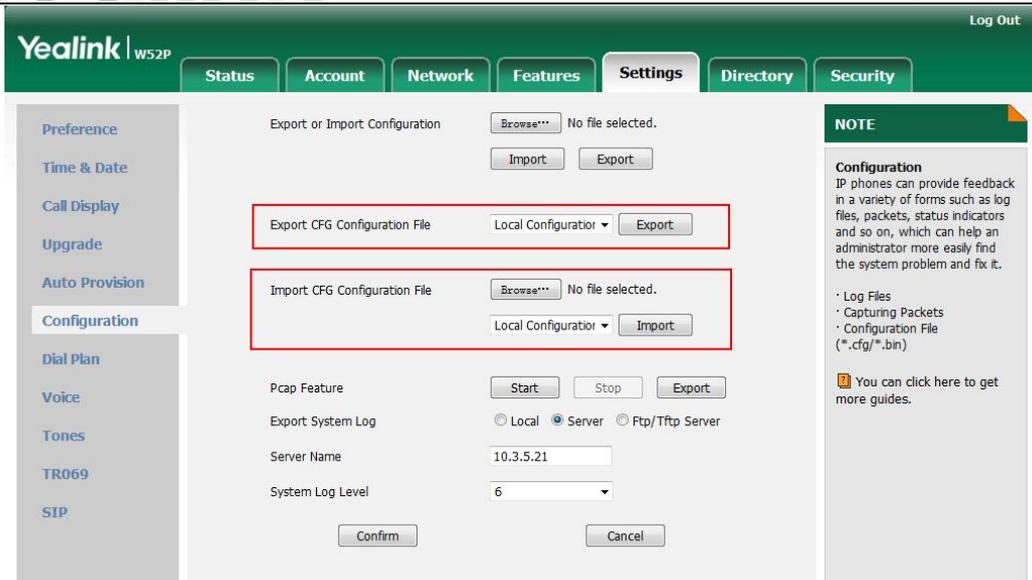
*Yealink IP Dect Phones Description of Configuration Parameters in CFG  
Files\_V80\_10*

**7. Added the feature of exporting and importing CFG configuration files.**

**Description:** The <mac>-all.cfg configuration file contains all changes made via handset user interface, web user interface and using configuration files. The <mac>-local.cfg configuration file contains changes made via handset user interface and web user interface. In the latest version, you can export and import CFG configuration files on web user interface

**To export or import CFG configuration files via web user interface:**

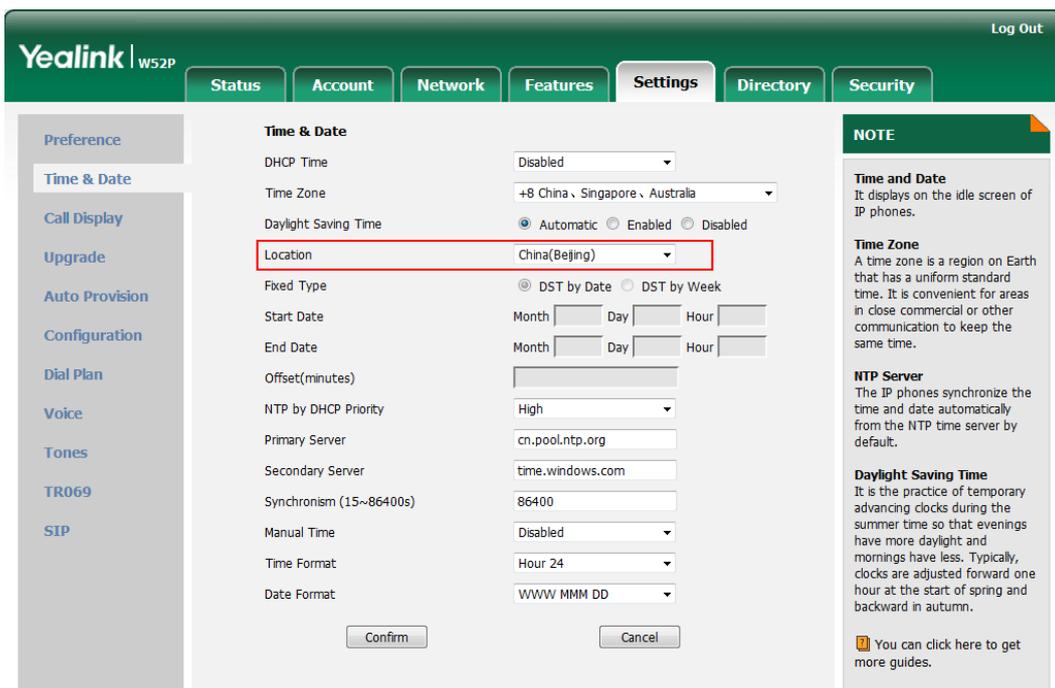
Click on Settings -> Configuration.



## 8. Added the feature of Location in Time Zone module.

To set the location via web user interface:

Click on Settings -> Time & Date.



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

*local\_time.time\_zone\_name =*

## 9. Added the feature of Outbound Proxy Server when registering an account via web user interface.

**Description:** Registering a SIP account makes it easier for the IP DECT phones to receive an incoming call, dial an outgoing call. The IP DECT phones support SIP

server redundancy for account registration. In the latest version, you can use Outbound Proxy Server when registering an account via web user interface.

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

Click on Account -> Register

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

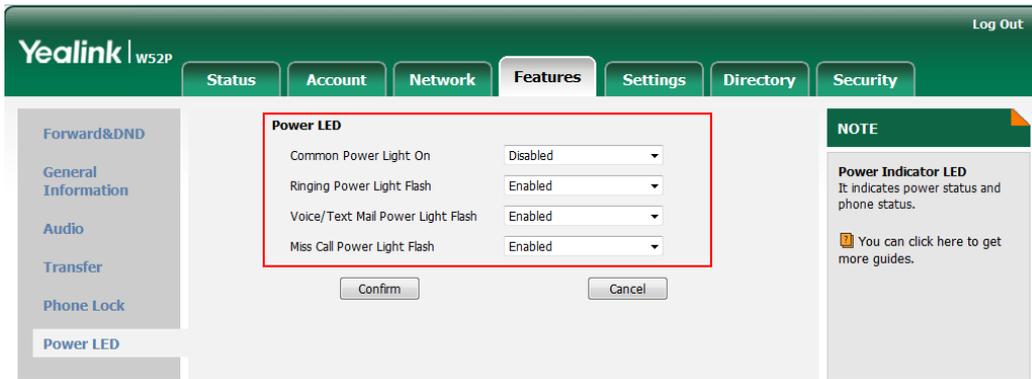
*account.X.backup\_outbound\_host =*  
*account.X.backup\_outbound\_port =*  
*account.X.outbound\_proxy\_fallback\_interval =*

**10. Added four configuration options for handset power indicator LED.**

**Description:** Handset power indicator LED indicates power status and phone status. There are four configuration options for handset power indicator LED: Common Power Light On, Ringing Power Light Flash, Voice Mail Power Light Flash, Miss Call Power Light Flash.

**To configure the handset power indicator LED via web user interface:**

Click on Features -> Power LED.



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

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

*phone\_setting.common\_power\_led\_enable =*

*phone\_setting.ring\_power\_led\_flash\_enable =*

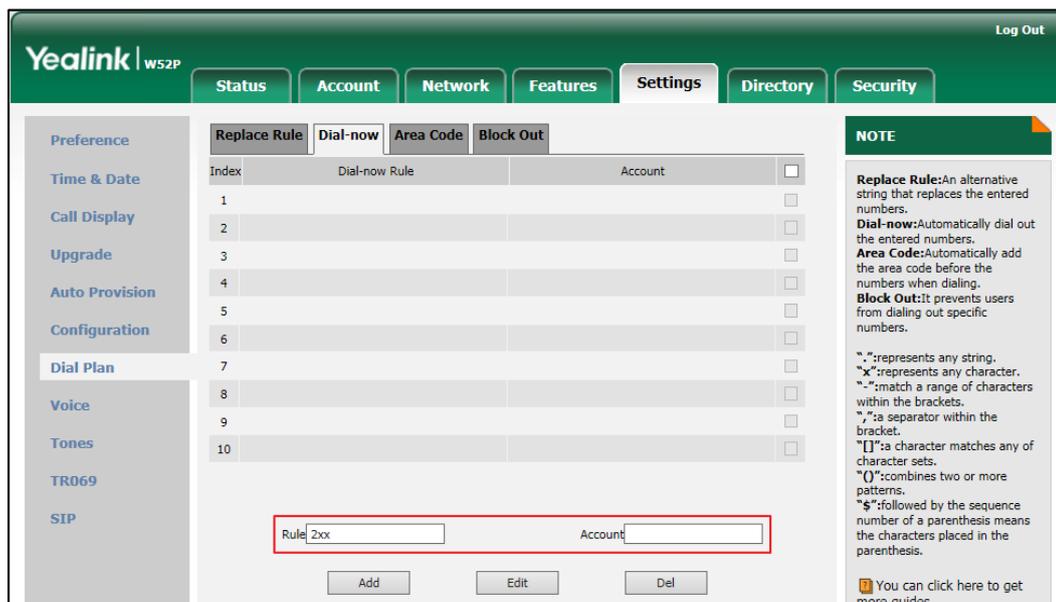
*phone\_setting.mail\_power\_led\_flash\_enable =*

## 11. Added the feature of Dial-now.

**Description:** You can configure one or more dial-now rules (up to 100) on your handset. When the dialed number matches the dial-now string, the number will be dialed out automatically. For example, a dial-now rule is configured as "2xx", any entered three-digit string beginning with 2 will then be dialed out automatically on the phone.

**To add a dial-now rule via web user interface:**

Click on Settings -> Dial Plan -> Dial-now.



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

*dialplan.dialnow.rule.X =*  
*dialplan.dialnow.line\_id.X =*  
*dialplan\_dialnow.url =*  
*phone\_setting.dialnow\_delay =*

## 12. Added the support for TLS authentication of SHA256 algorithm.

**Description:** Supported the newest algorithm to realize mutual authentication.

## 13. Added the feature of LDAP.

**Description:** LDAP (Lightweight Directory Access Protocol) is an application protocol for accessing and maintaining information services for the distributed directory over an IP network. IP DECT phones can be configured to interface with a corporate directory server that supports LDAP version 2 or 3. Users can search and dial out from the LDAP directory, and save LDAP entries to the local directory. LDAP entries displayed on the IP DECT phone are read only, which cannot be added, edited or deleted by users. When an LDAP server is properly configured, the IP DECT phone can look up entries from the LDAP server in a wide variety of ways.

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

Click on Directory -> LDAP

The screenshot shows the Yealink W52P web interface. The top navigation bar includes 'Status', 'Account', 'Network', 'Features', 'Settings', 'Directory', and 'Security'. The 'Directory' tab is active, and the 'LDAP' sub-tab is selected. The main content area displays the following configuration parameters:

Enable LDAP	Enabled
LDAP Name Filter	
LDAP Number Filter	
LDAP TLS Mode	LDAP
Server Address	
Port	389
Base	
Username	
Password	*****
Max.Hits(1~1000)	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

At the bottom of the configuration area are 'Confirm' and 'Cancel' buttons. On the right side, there is a 'NOTE' section with the following text:

**NOTE**  
**LDAP**  
 LDAP (Lightweight Directory Access Protocol) is an application protocol for accessing and maintaining information services for the distributed directory over an IP network.  
 Yealink IP phone can interface with a corporate directory server that supports LDAP version 2 or 3, such as OpenLDAP, Microsoft Active Directory, Microsoft Active Directory Application Mode (ADAM) or Sun One Directory Server.  
 You can click here to get more guides.

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

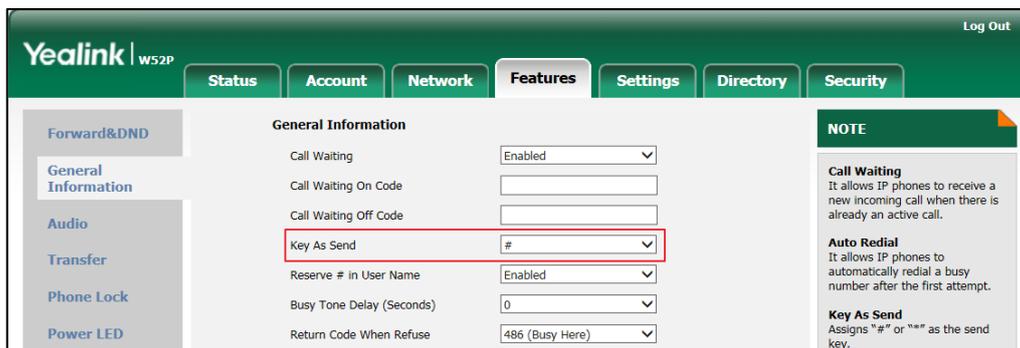
*ldap.enable =*  
*ldap.name\_filter =*  
*ldap.number\_filter =*  
*ldap.host =*  
*ldap.port =*  
*ldap.base =*  
*ldap.user =*  
*ldap.password =*  
*ldap.max\_hits =*  
*ldap.name\_attr =*  
*ldap.numb\_attr =*  
*ldap.display\_name =*  
*ldap.version =*  
*ldap.call\_in\_lookup =*  
*ldap.ldap\_sort =*  
*ldap.call\_out\_lookup =*  
*ldap.incoming\_call\_special\_search.enable =*  
*ldap.tls\_mode =*

#### 14. Added the feature of Key As Send.

**Description:** You can set the “#” key or “\*” key to perform as a send key while dialing.

**To configure key as send via web user interface:**

Click on Settings -> General Information.



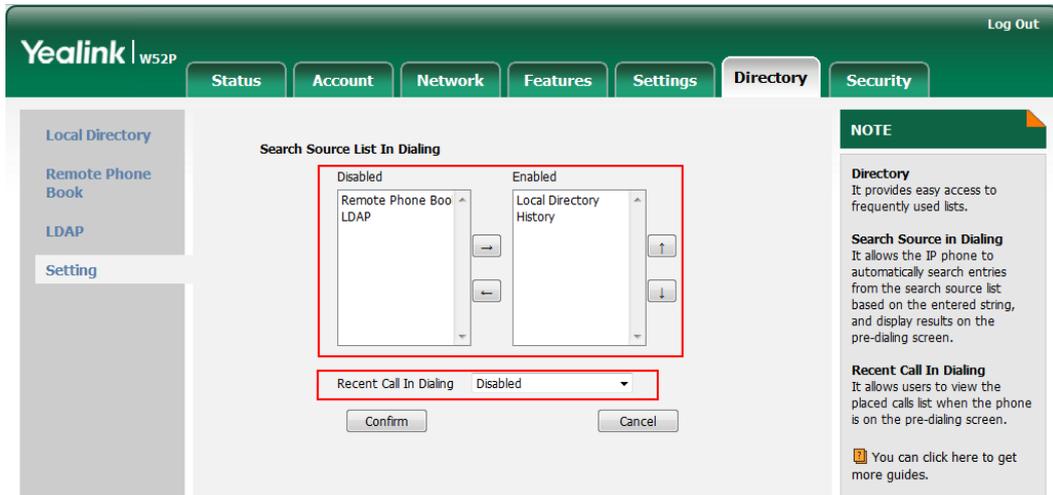
#### 15. Added the feature of search source list in dialing.

**Description:** You can search for a contact from the desired lists when the phone is on the dialing screen. The lists can be Local Directory, History, Remote Phone Book and LDAP. And you can enable the feature of Recent Call In Dialing to view

the placed calls list when the phone is on the pre-dialing screen.

**To configure search source list in dialing via web user interface:**

Click on Directory -> Setting.



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

*super\_search.recent\_call =*

*super\_search.url =*

## 6. Optimization Descriptions

### 3. Changed some configuration paths on web user interface.

**Description:**

(1) Changed the configuration item- Transport under the Account -> Basic into Account -> Register. And the parameters in the auto provision template changed into "account.X.sip\_server.Y.transport\_type" which is also compatible with the old parameters "account.X.transport".

**To set this feature via web user interface:**

Click on Account -> Register.

**Yealink W52P** Log Out

**Account** Account 1

Register Status: Registered

Line Active: Enabled

Label:

Display Name:

Register Name: 8526

User Name: 8526

Password:

**SIP Server 1**

Server Host: pbx.yealink.com Port: 0

**Transport:** UDP

Server Expires: 3600

Server Retry Counts: 3

**SIP Server 2**

Server Host:  Port: 5060

**Transport:** UDP

Server Expires: 3600

Server Retry Counts: 3

**NOTE**

**Account Registration**  
Registers account(s) for the IP phone.

**Server Redundancy**  
It is often required in VoIP deployments to ensure continuity of phone service, for events where the server needs to be taken offline for maintenance, the server fails, or the connection between the IP phone and the server fails.

**NAT Traversal**  
A general term for techniques that establish and maintain IP connections traversing NAT gateways. STUN is one of the NAT traversal techniques.

You can configure NAT traversal for this account.

You can click here to get more guides.

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

*account.X.sip\_server.Y.transport\_type =*

(2) Changed the configuration items- SIP Session Timer and SIP Port under the Account -> Advanced into Setting -> SIP, and the parameters have also changed.

To set this feature via web user interface:

Click on Setting -> SIP

**Yealink W52P** Log Out

**SIP Config**

SIP Session Timer T1 (0.5~10s): 0.5

SIP Session Timer T2 (2~40s): 4

SIP Session Timer T4 (2.5~60s): 5

Local SIP Port: 5060

TLS SIP Port: 5061

**NOTE**

**SIP Session Timers**  
SIP session timers T1, T2 and T4 are SIP transaction layer timers defined in RFC 3261.

Timer T1 is an estimate of the Round Trip Time (RTT) of transactions between a SIP client and SIP server.

Timer T2 represents the maximum retransmitting time of any SIP request message.

Timer T4 represents the time the network will take to clear messages between the SIP client and server.

You can click here to get more guides.

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

*sip.timer\_t1 =*

*sip.timer\_t2 =*

*sip.timer\_t4 =*

*sip.listen\_port =*

(3) Changed the configuration items under the Account -> Basic into Account -> Register.

(4) Divided the Phone interface into two interfaces- Features and Setting.

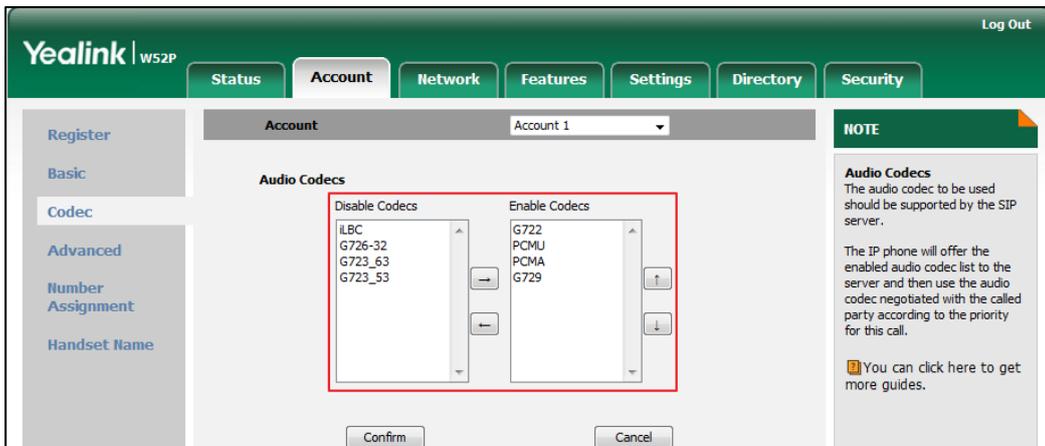
#### 4. Merged the audio codecs iLBC\_13\_3 and iLBC\_15\_2 into iLBC.

**Description:** The audio codec that the phone uses to establish a call should be supported by the SIP server. When placing a call, the IP DECT phone will offer the enabled audio codec list to the server and then use the audio codec negotiated with the called party according to the priority.

**To configure the codecs to use and adjust the priority of the enabled codecs on**

a per-line basis via web user interface:

Click on **Account** -> **Codec**.



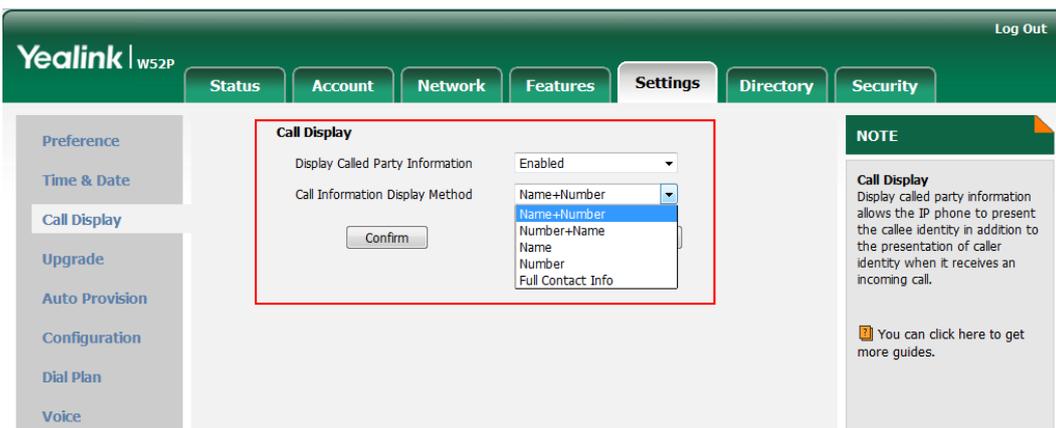
## 5. Optimized the call display features.

**Description:**

- (1) You can enable or disable the handset to display the called account information when receiving an incoming call.
- (2) You can specify the call information display method when the handset receives an incoming call, dials an outgoing call or is during an active call. IP DECT phones support five call information display methods: Name+Number, Number+Name, Name, Number and Full Contact Info.

**To configure call display features via web user interface:**

Click on Setting -> Call Display



## 6. Optimized the display method on dialing.

**Description:** When the handset is on the pre-dialing or dialing screen, the account information will be displayed on the top of the LCD screen.

You can customize the account information to be displayed on the handsets as

required. IP DECT phones support three account information display methods: Label, Display Name or User Name.

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

*features.caller\_name\_type\_on\_dialing =*

## 7. Added the feature of SCA.

**Description:** You can use Shared Call Appearance (SCA) feature to share an extension which can be registered on two or more IP phones at the same time.

If two phones share a line, an incoming call to this extension will cause both phones to ring simultaneously. The incoming call can be answered on either a phone but not both.

**To configure call display features via web user interface:**

Click on Account -> Advanced

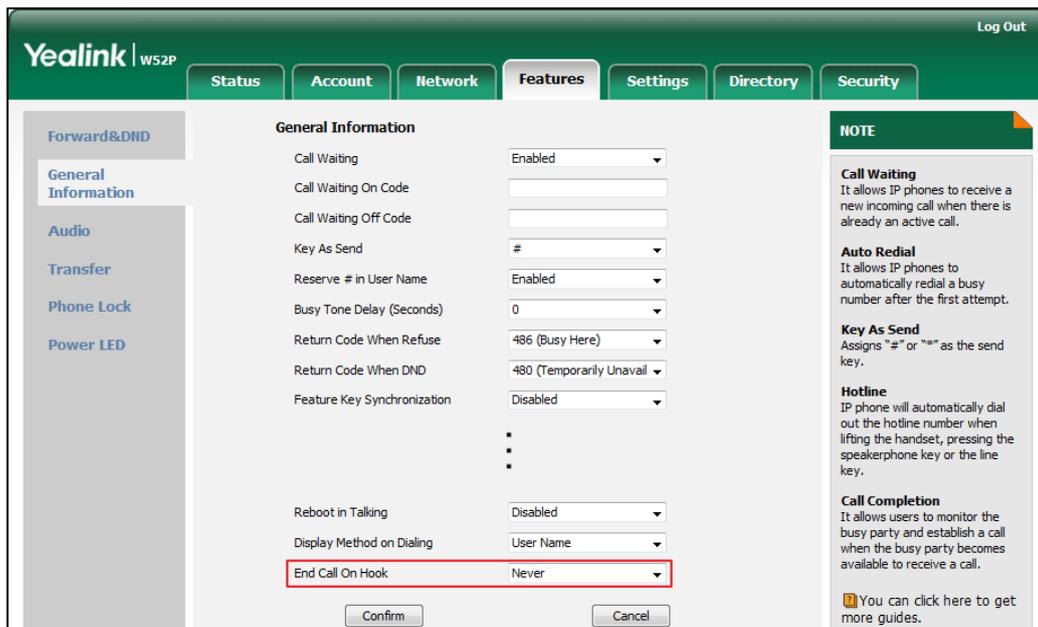
The screenshot displays the Yealink W52P web interface. The top navigation bar includes 'Status', 'Account', 'Network', 'Features', 'Settings', 'Directory', and 'Security'. The 'Account' section is active, showing configuration for 'Account 1'. The 'Advanced' tab is selected, and the 'Shared Line' dropdown menu is highlighted with a red box, showing 'Shared Call Appearance' as the selected option. The interface includes a sidebar with navigation options like Register, Basic, Codec, Advanced, Number Assignment, and Handset Name. A 'NOTE' section on the right provides details about DTMF, Session Timer, Busy Lamp Field/BLF List, Shared Call Appearance (SCA)/ Bridge Line Appearance (BLA), and Network Conference.

## 8. Optimized the feature of End Call on Hook.

**Description:** End call on hook feature allows ending a call by placing the handset into the charger cradle.

**To configure call display features via web user interface:**

Click on Features -> General Information



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

*phone\_setting.end\_call\_on\_hook.enable =*

9. Added the configuration parameter of whether the User-Agent in SIP request messages is with MAC address or not.

**Description:** If you want the User-Agent in SIP request messages to be with MAC address, you can use the parameter *network.sip.tag\_mac\_to\_ua.enable =* to configure it.

10. Added the feature that you can configure the suffix of User-Agent in SIP request messages from the IP DECT phone for account X.

**Description:** You can use the parameter *account.X.custom\_ua =* to configure the suffix of User-Agent in SIP request messages. Default value of User-Agent: Yealink W52P 25.80.0.10. If it is set to Myphone, the User-Agent appears as below:  
Yealink W52P 25.80.0.10 Myphone.

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

*account.X.custom\_ua =*

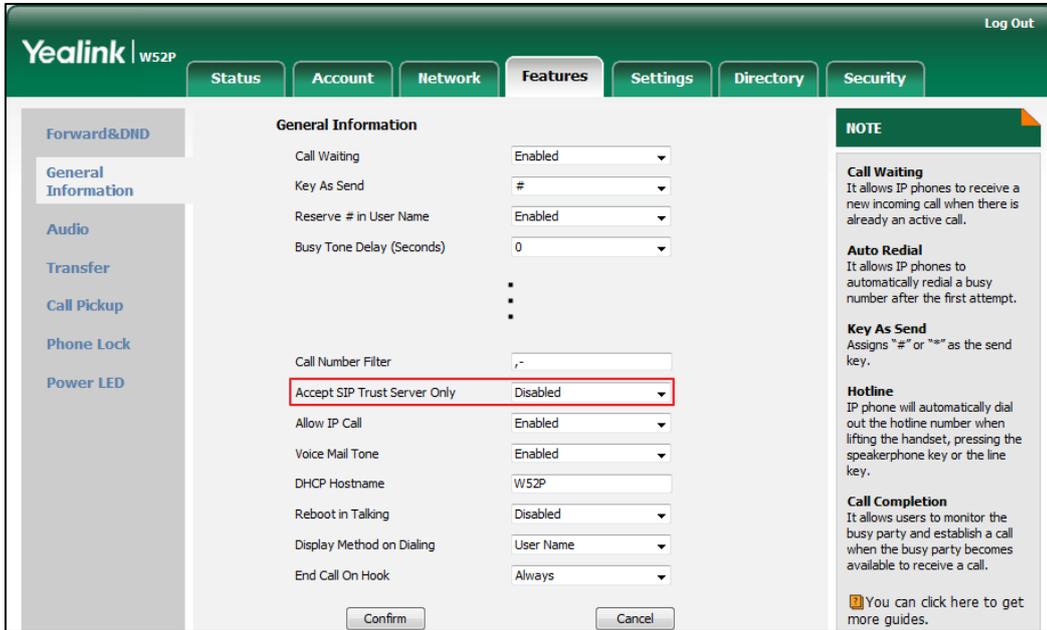
11. Optimized the feature of accept SIP trust server only.

**Description:** Accept SIP trust server only enables the IP DECT phones to only accept the SIP message from your SIP server and outbound proxy server. It can prevent the phone receiving ghost calls from random numbers like 100, 1000, etc.

To stop this from happening, you also need to disable allow IP call feature. In the latest version, you can enable this feature via web user interface.

**To configure accept SIP trust server only feature via web user interface:**

Click on Features -> General Information

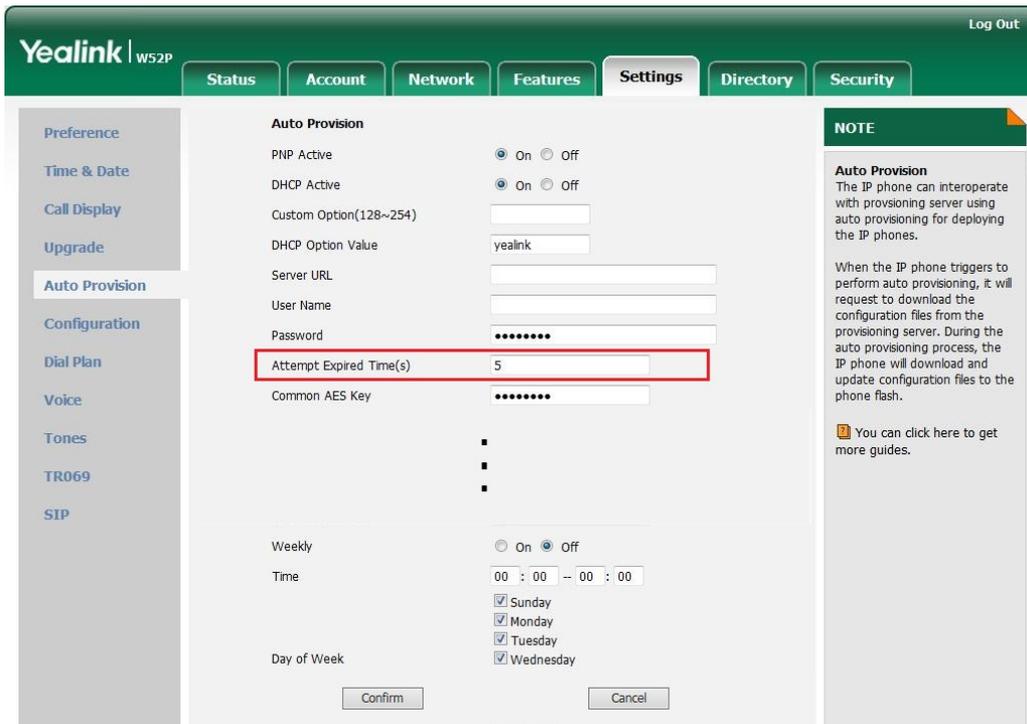


**12. Optimized the feature of Attempt Expired Time (s) of Auto Provision.**

**Description:** It configures the time (in seconds) to wait after a file transfer fails before retrying the transfer via auto provisioning.

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

Click on Settings -> Auto Provision



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

*auto\_provision.attempt\_expired\_time =*

### 13. Optimized the feature of call timeout.

**Description:** Call timeout defines a specific period of time within which the IP DECT phone will cancel the dialing if the call is not answered.

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

*phone\_setting.ringback\_timeout =*

*phone\_setting.ringing\_timeout =*

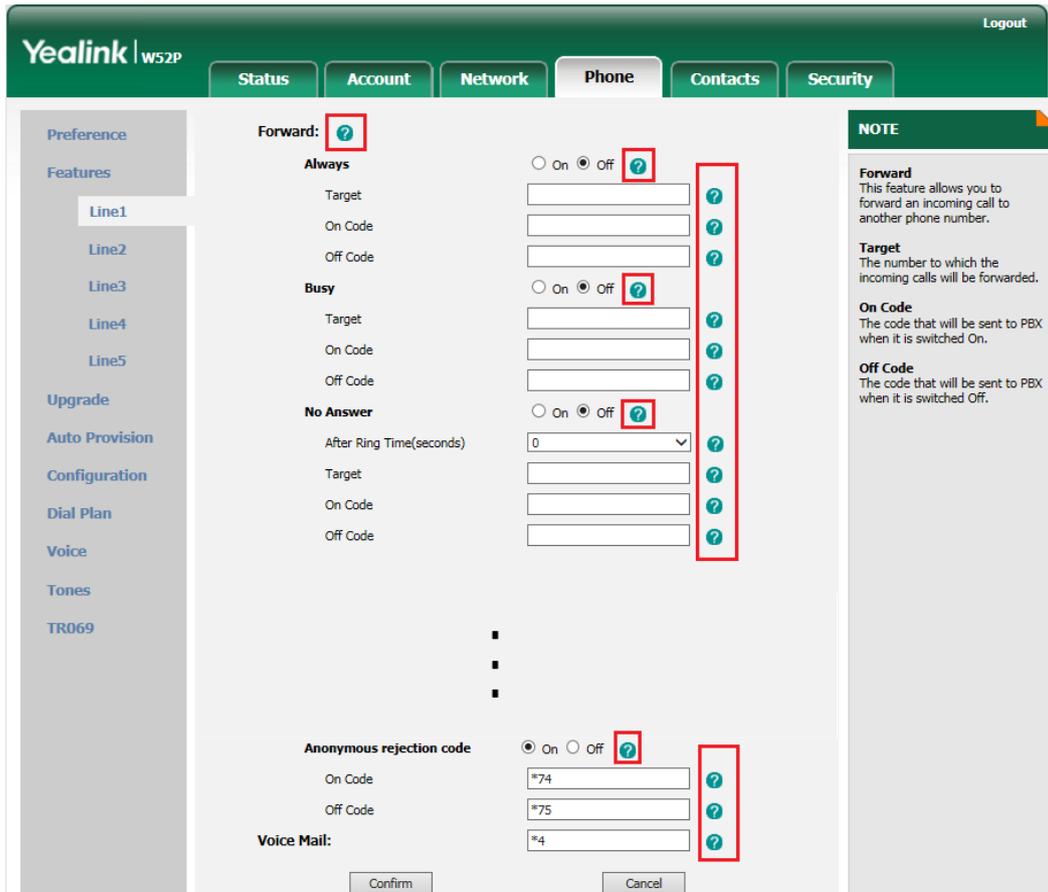
### 14. Added some built-in certificates.

**Description:** Added some built-in certificates, you can check the certificates information in following link:

<https://certificate.revocationcheck.com/www.verizon.com>

### 15. Removed the module for each configuration item on web user interface.

**Description:** The  module for each configuration item on web user interface has been removed in this version, as shown below:

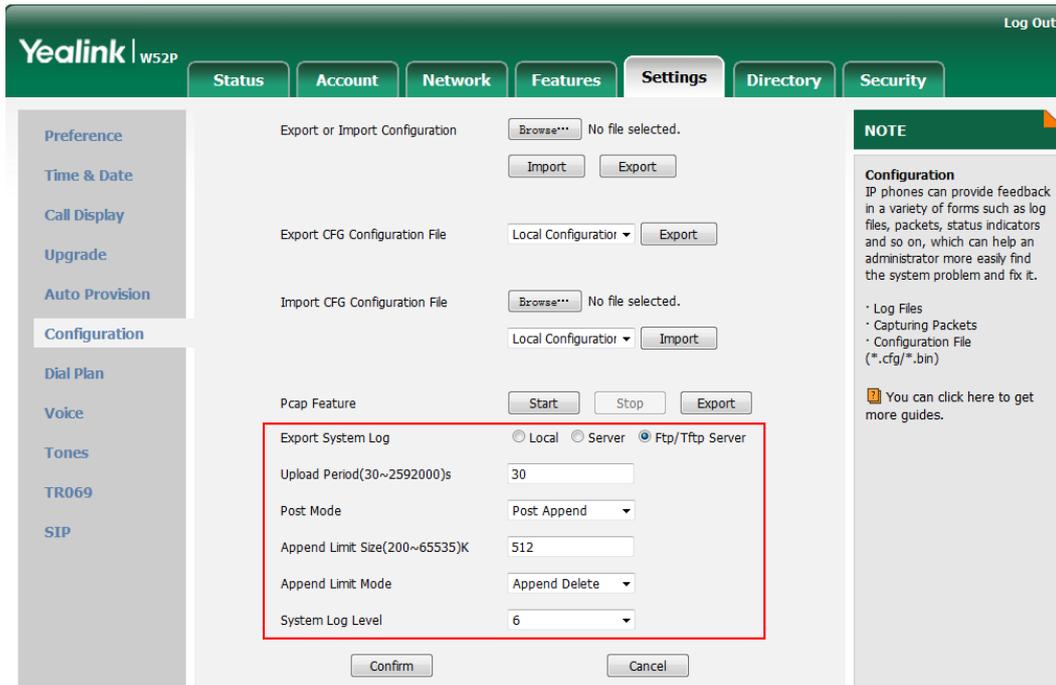


**16. Optimized the feature of exporting the log files to the local system and added one method for exporting System Log.**

**Description:** You can configure the IP DECT phone to export log files to the local system, syslog server or an FTP/TFTP Server (provisioning server).

**To export a log file to the local system via web user interface:**

Click on Settings -> Configuration



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

*syslog.log\_upload\_period* =

*syslog.ftp.post\_mode* =

*syslog.ftp.max\_logfile* =

*syslog.ftp.append\_limit\_mode* =

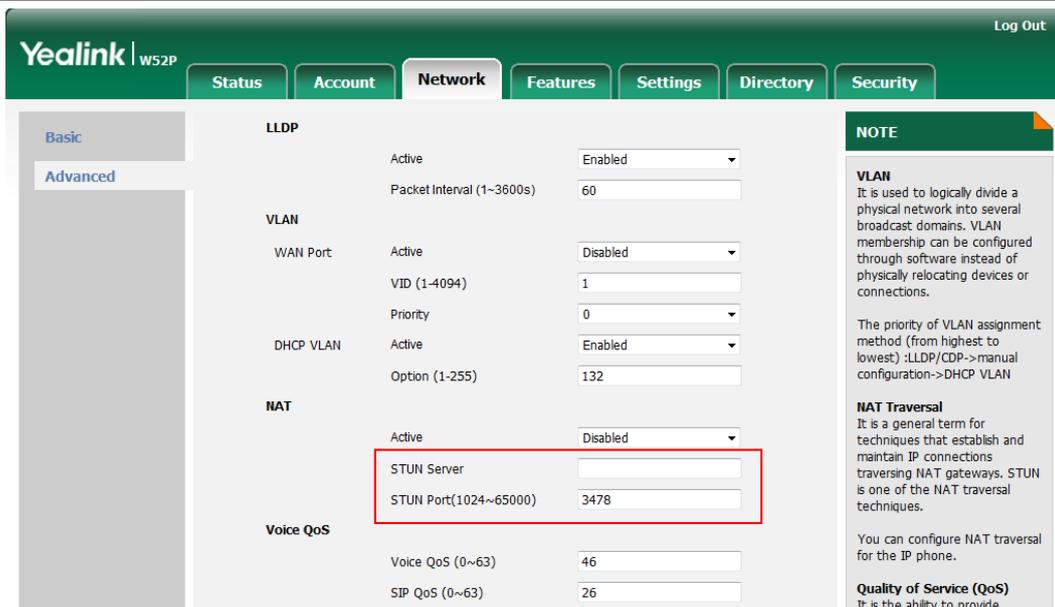
*syslog.bootlog\_upload\_wait\_time* =

## 17. Optimized the feature of STUN.

**Description:** In the latest version, you can configure the STUN server address for all the accounts at once instead of configuring each account one by one. Also, the configuration path on web user interface and the parameters in the auto provision template have been changed.

**To configure STUN server via web user interface:**

Click on Settings -> Configuration



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

*sip.nat\_stun.server* =

*sip.nat\_stun.port* =

## 7. Configuration Parameters Enhancements

Auto Provision Template Flies Change Log							
Firmware Version: [25.73.0.40]-[25.80.0.10]							
Feature	Provisioning syntax Comparison		Permitted Values	Default Value	Action	Description	File
	25.73.0.40	25.80.0.10					
Features_Others		features.cumulative_display_call_log_enable	0 or 1	1	Add	It enables or disables the IP DECT phone to display the same call log of a day cumulative. 0-Disabled 1-Enabled If it is set to 0 (Disabled), the same call log will display in a list respectively. If it is set to 1 (Enabled), the same call log of a day will display cumulatively.	common.cfg
Broadsoft		features.call_	0 or 1	0	Add	It configures the call park	MAC.cfg

_Call Park		park.park_m ode				mode. 0-XSI 1-FAC	
Broadsoft _Call Park		features.call_ park.enable	0 or 1	0	Add	It enables or disables the IP DECT phone to display the Park soft key during a call. 0-Disabled 1-Enabled	MAC.cfg
Broadsoft _Call Park		features.call_ park.group_e nable	0 or 1	0	Add	It enables or disables the IP DECT phone to display the GPark soft key during a call. 0-Disabled 1-Enabled	MAC.cfg
Broadsoft _Call Park	features.in coming_b andwidth	features.call_ park.park_vis ual_notify_e nable	0 or 1	0	Add	It enables or disables the IP DECT phone to display a parked indicator when a call is parked against its line. 0-Disabled 1-Enabled Note: It works only if the parameter “account.X.sip_server_type” is set to 2	MAC.cfg
Broadsoft _Call Park		features.call_ park.park_rin g	0 or 1	0	Add	It enables or disables the IP DECT phone to play a warning tone when a call is parked against its line. 0-Disabled 1-Enabled Note: It works only if the parameter “account.X.sip_server_type” is set to 2 and “features.call_park.park_vis ual_notify_enable” is set to 1.	MAC.cfg
Broadsoft _Call Park		features.call_ park.park_co de	String within 32 characters	Blank	Add	It configures the call park code for Park soft key when call park mode is configured as FAC.	MAC.cfg

						Note: It works only if the value of the parameter "features.call_park.park_mode" is set to 1.	
Broadsoft _Call Park		features.call_park.group_park_code	String within 32 characters	Blank	Add	It configures the group call park code for Gpark soft key when call park mode is configured as FAC. Note: It works only if the value of the parameter "features.call_park.park_mode" is set to 1.	MAC.cfg
Broadsoft _Call Park		features.call_park.park_retrieve_code	String within 32 characters	Blank	Add	It configures the park retrieve code for Retrieve soft key when call park mode is configured as FAC. Note: It works only if the value of the parameter "features.call_park.park_mode" is set to 1.	MAC.cfg
LED		phone_setting.missed_call_power_led_flash.enable	0 or 1	0	Add	It enables or disables the handset power indicator LED to flash red when the handset misses a call. 0-Disabled (handset power indicator LED does not flash) 1-Enabled (handset power indicator LED slow flashes (1000ms) red)	common.cfg
LED		phone_setting.common_power_led_enable	0 or 1	0	Add	It enables or disables the handset power indicator LED to be turned on when the handset is idle. 0-Disabled (handset power indicator LED is off) 1-Enabled (handset power indicator LED is solid red)	common.cfg
LED		phone_setting.ring_power_led_flash_enable	0 or 1	1	Add	It enables or disables the handset power indicator LED to flash when the handset receives an	common.cfg

						incoming call. 0-Disabled (handset power indicator LED does not flash) 1-Enabled (handset power indicator LED fast flashes (300ms) red)	
LED		phone_setting.mail_power_led_flash_enable	0 or 1	1	Add	It enables or disables the handset power indicator LED to flash when the handset receives a voice mail. 0-Disabled (handset power indicator LED does not flash) 1-Enabled (handset power indicator LED slow flashes (1000ms) red)	common.cfg
Dialplan		dialplan.dialnow.rule.X (X ranges from 1 to 100)	String within 511 characters	Blank	Add	It configures the dial-now rule (the string used to match the numbers entered by the user). When entered numbers match the predefined dial-now rule, the IP DECT phone will automatically dial out the numbers without pressing the send key. Example: dialplan.dialnow.rule.1 = 123	common.cfg
Dialplan		dialplan.dialnow.line_id.X (X ranges from 1 to 100)	Integer from 0 to 5	Blank	Add	It configures the desired line to apply the dial-now rule. The digit 0 stands for all lines. If it is left blank, the dial-now rule will apply to all lines on the IP DECT phone. Example: dialplan.dialnow.line_id.1 = 1,2 Note: Multiple line IDs are separated by commas.	common.cfg

Dialplan		dialplan_dialnow.url	URL within 511 characters	Blank	Add	<p>It configures the access URL of the dial-now rule template file.</p> <p>Example: dialplan_dialnow.url = http://192.168.10.25/dialnow.xml</p> <p>During the auto provisioning process, the IP DECT phone connects to the provisioning server "192.168.10.25", and downloads the replace dial-now rule file "dialnow.xml".</p>	common.cfg
Dialplan		phone_setting.dialnow_delay	Integer from 0 to 14	1	Add	<p>It configures the delay time (in seconds) for the dial-now rule.</p> <p>When entered numbers match the predefined dial-now rule, the IP DECT phone will automatically dial out the entered number after the designated delay time.</p> <p>If it is set to 0, the IP DECT phone will automatically dial out the entered number immediately.</p>	common.cfg
LDAP		ldap.enable	0 or 1	0	Add	<p>It enables or disables the LDAP feature on the IP DECT phone.</p> <p>0-Disabled 1-Enabled</p>	common.cfg
LDAP		ldap.name_filter	String within 99 characters	Blank	Add	<p>It configures the search criteria for LDAP contact names look up. The "*" symbol in the filter stands for any character. The "%" symbol in the filter stands for the name prefix entered by the user.</p>	common.cfg

						<p>Example:</p> <p>ldap.name_filter = ( (cn=%)(sn=%))</p> <p>When the cn or sn of the LDAP contact starts with the entered prefix, the record will be displayed on the LCD screen.</p>	
LDAP		ldap.number_filter	String within 99 characters	Blank	Add	<p>It configures the search criteria for LDAP contact numbers look up.</p> <p>The "*" symbol in the filter stands for any character. The "%" symbol in the filter stands for the number prefix entered by the user.</p> <p>Example:</p> <p>ldap.number_filter = ( (telephoneNumber=%)(mobile=%)(ipPhone=%))</p> <p>When the number prefix of the telephoneNumber, mobile or ipPhone of the contact record matches the search criteria, the record will be displayed on the LCD screen.</p>	common.cfg
LDAP		ldap.host	IP address or domain name	Blank	Add	<p>It configures the IP address or domain name of the LDAP server.</p> <p>Example:</p> <p>ldap.host = 192.168.1.20</p>	common.cfg
LDAP		ldap.port	Integer from 1 to 65535	389	Add	<p>It configures the port of the LDAP server.</p> <p>Example:</p> <p>ldap.port = 389</p>	common.cfg
LDAP		ldap.base	String within 99 characters	Blank	Add	<p>It configures the LDAP search base which corresponds to the location</p>	common.cfg

						of the LDAP phonebook from which the LDAP search request begins. The search base narrows the search scope and decreases directory search time.  Example: ldap.base = dc=yealink,dc=cn	
LDAP		ldap.user	String within 99 characters	Blank	Add	It configures the user name used to login the LDAP server.  This parameter can be left blank in case the server allows anonymous to login. Otherwise you will need to provide the user name to login the LDAP server.  Example: ldap.user = cn=manager,dc=yealink,dc=cn	common. cfg
LDAP		ldap.password	String within 99 characters	Blank	Add	It configures the password to login the LDAP server.  This parameter can be left blank in case the server allows anonymous to login. Otherwise you will need to provide the password to login the LDAP server.  Example: ldap.password = secret	common. cfg
LDAP		ldap.max_hits	Integer from 1 to 32000	50	Add	It configures the maximum number of search results to be returned by the LDAP server. If the value of the "Max.Hits" is blank, the LDAP server will return all searched results. Please note that a very large value of the "Max. Hits" will slow	common. cfg

						<p>down the LDAP search speed, therefore it should be configured according to the available bandwidth.</p> <p>Example: ldap.max_hits = 50</p>	
LDAP		ldap.name_attr	String within 99 characters	Blank	Add	<p>It configures the name attributes of each record to be returned by the LDAP server. It compresses the search results. You can configure multiple name attributes separated by spaces.</p> <p>Example: ldap.name_attr = cn sn</p> <p>This requires the “cn” and “sn” attributes set for each contact record on the LDAP server.</p>	common.cfg
LDAP		ldap.numb_attr	String within 99 characters	Blank	Add	<p>It configures the number attributes of each record to be returned by the LDAP server. It compresses the search results. You can configure multiple number attributes separated by spaces.</p> <p>Example: ldap.numb_attr = mobile ipPhone</p> <p>This requires the “mobile” and “ipPhone” attributes set for each contact record on the LDAP server.</p>	common.cfg
LDAP		ldap.display_name	String within 99 characters	Blank	Add	<p>It configures the display name of the contact record displayed on the LCD screen. The value must start with “%” symbol.</p> <p>Example:</p>	common.cfg

						ldap.display_name = %cn The cn of the contact record is displayed on the LCD screen.	
LDAP		ldap.version	2 or 3	3	Add	It configures the LDAP protocol version supported by the IP DECT phone. Make sure the protocol value corresponds with the version assigned on the LDAP server.	common.cfg
LDAP		ldap.call_in_lookup	0 or 1	0	Add	It enables or disables the IP DECT phone to perform an LDAP search when receiving an incoming call. 0-Disabled 1-Enabled	common.cfg
LDAP		ldap.ldap_sort	0 or 1	0	Add	It enables or disables the IP DECT phone to sort the search results in alphabetical order or numerical order. 0-Disabled 1-Enabled	common.cfg
Syslog		syslog.log_upload_period	Integer from 30 to 2592000	30	Add	It configures the period of the log upload (in seconds) to the provisioning server. Example: syslog.log_upload_period = 60 Note: It works only if the value of the parameter "syslog.mode" is set to 2 (FTP/TFTP Server).	common.cfg
Syslog		syslog.ftp_post_mode	1 or 2	1	Add	It configures whether the log files on the provisioning server are overwritten or appended. 1-Post Append 2-Post Stor (not applicable)	common.cfg

						<p>to TFTP Server)</p> <p>If it is set to 1 (Post Append), the log files on the provisioning server are appended.</p> <p>If it is set to 2 (Post Stor), the log files on the provisioning server are overwritten.</p> <p>Note: It works only if the value of the parameter "syslog.mode" is set to 2 (FTP/TFTP Server).</p>	
Syslog		syslog.ftp.max_logfile	Integer from 200 to 65535	512	Add	<p>It configures the maximum size of the log files on the provisioning server.</p> <p>Example: syslog.ftp.max_logfile = 511</p> <p>Note: It works only if the value of the parameter "syslog.mode" is set to 2 (FTP/TFTP Server).</p>	common.cfg
Syslog		syslog.ftp.append_limit_mode	1 or 2	1	Add	<p>It configures the phone to stop upload log or delete the old log when the log on the provisioning server reaches the max size.</p> <p>1-Append Delete 2-Append Stop</p> <p>Note: It works only if the value of the parameter "syslog.mode" is set to 2 (FTP/TFTP Server).</p>	common.cfg
Syslog		syslog.bootlog_upload_wait_time	Integer from 1 to 86400	120	Add	<p>It configures the waiting time (in seconds) before the phone uploads the log file to the provisioning server.</p> <p>Example: syslog.bootlog_upload_wait_time = 121</p>	common.cfg

						Note: It works only if the value of the parameter "syslog.mode" is set to 2 (FTP/TFTP Server).	
Syslog	syslog.mode	syslog.mode	0, 1 or 2	0	Change	It configures the IP DECT phone to export log files to the local system or the syslog server. 0-Local 1-Server 2-FTP/TFTP Server	common.cfg
SIP		sip.disp_incall_to_info	0 or 1	0	Add	It enables or disables the handset to display the identity contained in the To field of the INVITE message when it receives an incoming call. 0-Disabled 1-Enabled	common.cfg
SIP		sip.limit_server_name	String within 256 characters	Blank	Add	It configures the string that must be contained in the SIP server address.	common.cfg
SIP		sip.tls_listen_port	Integer from 1024 to 65535	5061	Add	It configures the local TLS listen port.	common.cfg
SIP		sip.nat_stun.enable	0 or 1	0	Add	It enables or disables the STUN (Simple Traversal of UDP over NATs) feature on the IP DECT phone. 0-Disabled 1-Enabled	common.cfg
SIP	account.X.advanced.timer_t1	sip.timer_t1	Float from 0.5 to 10	0.5	Change	It configures the SIP session timer T1 (in seconds) for account X. T1 is an estimate of the Round Trip Time (RTT) of transactions between a SIP client and SIP server.	common.cfg
SIP	account.X.advanced.	sip.timer_t2	Float from 2 to 40	4	Change	It configures the SIP session timer T2 (in seconds) for	common.cfg

	timer_t2					account X. Timer T2 represents the maximum retransmitting time of any SIP request message.	
SIP	account.X. advanced. timer_t4	sip.timer_t4	Float from 2.5 to 60	5	Change	It configures the SIP session timer T4 (in seconds) for account X. T4 represents the maximum duration a message will remain in the network.	common. cfg
SIP	account.X. sip_listen_port	sip.listen_port	Integer from 1024 to 65535	5060	Change	It configures the local SIP port.	common. cfg
STUN	account.X. nat.stun_server	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: sip.nat_stun.server = 218.107.220.201	common. cfg
NAT	account.X. nat.stun_port	sip.nat_stun.port	Integer from 1024 to 65000	3478	Change	It configures the port of the STUN (Simple Traversal of UDP over NATs) server. Example: sip.nat_stun.port = 3478	common. cfg
Server Redundancy	account.X. transport	account.X.sip_server.Y.transport_type	0, 1, 2 or 3	0	Change	It configures the type of transport protocol for account X. 0-UDP 1-TCP 2-TLS 3-DNS-NAPTR If the value of the parameter is set to 3 (DNS-NAPTR) and no server port is given, the IP DECT phone performs the DNS NAPTR and SRV queries for the service type and port.	MAC.cfg

SIP	account.X. sip_trust_ ctrl	sip.trust_ctrl	0 or 1	0	Change	It enables or disables the IP DECT phone to only accept the SIP message from the SIP and outbound proxy server.  0-Disabled 1-Enabled	common. cfg
Features_ Others		features.calle r_name_type _on_dialing	1,2 or 3	3	Add	It configures the account information displayed on the top left corner of the LCD screen when the handset is on the pre-dialing or dialing screen.  1-Label 2-Display Name 3-User Name	common. cfg
Input Method		directory.sear ch_default_in put_method	Integer from 1 to 12	1	Add	It configures the default input method when the user searches for contacts in the Local Directory, LDAP, Remote Phone Book, Blacklist or Network Directory.  1-Abc 2-123 3-ABC 4-abc 5-ABΓ 6-AAÅ 7-aää 8-SŠŠ 9-sšš 10-aбв 11-AБB 12-אבג  Example: directory.search_default_in put_method = 1  Note: It works only when	common. cfg

						the corresponding input method is enabled via the handset at the path: OK->Settings->Display->Input Method.	
Call Display		phone_setting.called_part_y_info_display.enable	0 or 1	0	Add	It enables or disables the handset to display the called contact information when it receives an incoming call. 0-Disabled 1-Enabled	common.cfg
Call Display		phone_setting.call_info_display_method	0, 1, 2, 3 or 4	0	Add	It configures the call information display method when the handset receives an incoming call, dials an outgoing call or is during an active call. 0-Name+Number 1-Number+Name 2-Name 3-Number 4-Full Contact Info (display name< sip:xxx@domain.com >)	common.cfg
AutoP_DHCP	auto_provision.dhcp_enable	auto_provision.dhcp_option.enable	0 or 1	1	Change	It triggers the DHCP Option feature to on or off. 0-Off 1-On If it is set to 1(On), the IP DECT phone will obtain the provisioning server address by detecting DHCP options.	common.cfg
Call Waiting		call_waiting.off_code	String within 32 characters	Blank	Add	It configures the call waiting off code to deactivate the server-side call waiting feature. The IP DECT phone will send the call waiting off code to the server when you deactivate call waiting feature on the IP DECT	common.cfg

						phone. Example: call_waiting.off_code = *72	
Call Waiting		call_waiting.on_code	String within 32 characters	Blank	Add	It configures the call waiting on code to activate the server-side call waiting feature. The IP DECT phone will send the call waiting on code to the server when you activate call waiting feature on the IP DECT phone. Example: call_waiting.on_code = *71	common.cfg
Custom Handset Setting		custom.handset.wallpaper	Integer from 1 to 5	1	Add	It configures the wallpaper displayed on the handset LCD screen. It will take effect on all handsets that are registered on the base station. 1-Wallpaper1 2-Wallpaper2 3-Wallpaper3 4-Wallpaper4 5-Wallpaper5 Note: It works only if the value of the parameter "auto_provision.handset_configured.enable" is set to 1 (Enabled).	common.cfg
Cudatel SLA_Barge-in		features.barge_in_via_username.enable	0 or 1	0	Add	It enables or disables the INVITE request with the user name of the account when this account barges in an active call. 0-Disabled 1-Enabled	common.cfg
Features_Others		features.key_as_send	0, 1 or 2	1	Add	It configures the "#" key or "*" key as the send key. 0-Disabled	common.cfg

						<p>1-# key 2-* key</p> <p>If it is set to 0 (Disabled), neither “#” key nor “*” key can be used as the send key.</p> <p>If it is set to 1 (# key), the pound key is used as the send key.</p> <p>If it is set to 2 (* key), the asterisk key is used as the send key.</p>	
LED		features.registered_power_led_flash.enable	0 or 1	0	Add	<p>It enables or disables the base power indicator LED to flash when registering an account successfully.</p> <p>0-Disabled (base power indicator LED does not flash)</p> <p>1-Enabled (base power indicator LED slow flashes (1000ms) red)</p>	common.cfg
Remote Phonebook		features.remote_phonebook.enable	0 or 1	0	Add	<p>It enables or disables the IP DECT phone to perform a remote phone book search for an incoming or outgoing call and display the matched results on the LCD screen.</p> <p>0-Disabled 1-Enabled</p>	common.cfg
Remote Phonebook		features.remote_phonebook.flash_time	0, Integer from 3600 to 1296000	21600	Add	<p>It configures how often to refresh the local cache of the remote phone book. If it is set to 3600, the IP DECT phone will refresh the local cache of the remote phone book every 3600 seconds.</p> <p>Note: If it is set to 0, the IP DECT phone will refresh the local cache of the remote phone book aperiodically.</p>	common.cfg
LDAP		ldap.call_out_lookup	0 or 1	1	Add	<p>It enables or disables the IP DECT phone to perform an</p>	common.cfg

						LDAP search when placing a call. 0-Disabled 1-Enabled	
LDAP		ldap.incoming_call_special_search.enable	0 or 1	0	Add	<p>It enables or disables the IP DECT phone to search the telephone numbers starting with "+" symbol and "00" from the LDAP server if the incoming phone number starts with "+" or "00". When completing the LDAP search, the all search results will be displayed on the LCD screen.</p> <p>0-Disabled 1-Enabled</p> <p>Example: If the phone receives an incoming call from the phone number 0044123456789, it will search 0044123456789 from the LDAP sever first, if no result found, it will search +44123456789 from the server again. The phone will display all the search results.</p> <p>Note: It works only if the value of the parameter "ldap.call_in_lookup" is set to 1 (Enabled). You may need to set the value of the parameter "ldap.name_filter" to be ( (cn=%)(sn=%)(telephoneNumber=%)(mobile=%)) for searching the telephone numbers starting with "+" symbol.</p>	common.cfg
LDAP		ldap.tls_mode	0, 1 or 2	0	Add	It configures the connection mode between the LDAP server and the IP DECT	common.cfg

						<p>phone.</p> <p>0-LDAP—Unencrypted connection between LDAP server and the IP DECT phone (port 389 is used by default).</p> <p>1-LDAP TLS Start—TLS/SSL connection between LDAP server and the IP DECT phone (port 389 is used by default).</p> <p>2-LDAPs—TLS/SSL connection between LDAP server and the IP DECTphone (port 636 is used by default).</p>	
802.1X		network.802_1x.root_cert_url	URL within 511 characters	Blank	Add	<p>It configures the access URL of the CA certificate.</p> <p>Example: network.802_1x.root_cert_url = http://192.168.1.10/ca.pem</p> <p>Note: It works only if the value of the parameter “network.802_1x.mode” is set to 1, 2, 3, 4, 5, 6 or 7.</p>	common.cfg
Network_Expired Time		network.attempt_expired_time	Integer from 1 to 300	10	Add	<p>It configures the time (in seconds) to wait after a file transfer fails before retrying the transfer for HTTP/HTTPS connection.</p>	common.cfg
Network_Advanced		network.dhcp.server_mac1	MAC Address	Blank	Add	<p>It configures the MAC address 1 that the IP DECT phones use to authenticate the DHCP server. If the authentication is successful, the DECT phone will use the IP address offered by this server.</p> <p>Example: network.dhcp.server_mac1=</p>	common.cfg

						64:70:02:9E:D6:92 Note: It has a higher priority than the value defined by the parameter "network.dhcp.server_mac2".	
Network_Advanced		network.dhcp.server_mac2	MAC Address	Blank	Add	It configures the MAC address 2 that the IP DECT phones use to authenticate the DHCP server. If the authentication is successful, the DECT phone will use the IP address offered by this server. Example: 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.	common.cfg
IPv4	network.static_dns_enable	network.static_dns_enable	0 or 1	0	Change	It triggers the static DNS feature to on or off. 0-Off 1-On If it is set to 0 (Off), the IP DECT phone will use the DNS obtained from DHCP. If it is set to 1 (On), the IP DECT phone will use manually configured static DNS. Note: It works only if the value of the parameter "network.internet_port.type" is set to 0 (DHCP).	common.cfg
VLAN		network.vlan.vlan_change_enable	0 or 1	0	Add	It enables or disables the IP DECT phone to obtain VLAN ID using lower preference of	common.cfg

						<p>VLAN assignment method or disable the VLAN feature when the IP DECT phone cannot obtain VLAN ID using the current VLAN assignment method.</p> <p>0-Disabled 1-Enabled</p> <p>The priority of each method is: LLDP/CDP&gt;Manual&gt;DHCP VLAN.</p> <p>If it is set to 1 (Enabled), the IP DECT phone will attempt to use the lower priority method when failing to obtain the VLAN ID using higher priority method. If all the methods are attempted, the DECT phone will disable VLAN feature.</p>	
Features_ Others		phone_setting.end_call_on_hook.enable	0 or 1	1	Add	<p>It enables or disables to end a call when placing the handset into the charger cradle.</p> <p>0-Never 1-Always</p>	common.cfg
Remote Phonebook		remote_phonebook.display_name	String within 99 characters	Blank	Add	<p>It configures the display name of the remote phone book.</p> <p>Example: remote_phonebook.display_name = Friends “Friends” will be displayed on the LCD screen at the path OK-&gt;Directory.</p> <p>If it is left blank, "Remote Phone Book" will be the display name.</p>	common.cfg
Super_search		super_search.recent_call	0 or 1	0	Add	<p>It enables or disables the recent call in dialing feature.</p> <p>If it is set to 1 (Enabled), you</p>	common.cfg

						<p>can see the placed calls list when the handset is on the pre-dialing screen.</p> <p>0-Disabled 1-Enabled</p>	
Super_search		super_search.url	URL within 511 characters	Blank	Add	<p>It configures the access URL of the super search template file.</p> <p>Example: super_search.url = http://192.168.1.20/super_search.xml</p> <p>During the auto provisioning process, the IP DECT phone connects to the provisioning server "192.168.1.20", and downloads the super search template file "super_search.xml".</p>	common.cfg
Broadsoft XSI (X ranges from 1 to 5.)	xsi.host	account.X.xsi.host	IP address or domain name	Blank	Change	<p>It configures the IP address or domain name of the Xtended Services Platform server for account X.</p> <p>Example: account.1.xsi.host = xsp1.iop1.broadworks.net</p>	MAC.cfg
Broadsoft XSI (X ranges from 1 to 5.)	xsi.password	account.X.xsi.password	String within 99 characters	Blank	Change	<p>It configures the password for XSI authentication for account X.</p> <p>Example: account.1.xsi.password = 123456</p> <p>Note: It works only if the value of the parameter "sip.authentication_for_xsi" is set to 0 (User Login Credentials for XSI Authentication).</p>	MAC.cfg
Broadsoft XSI (X ranges from 1 to 5.)	xsi.port	account.X.xsi.port	Integer from 1 to 65535	80	Change	It configures the port of the Xtended Services Platform	MAC.cfg

from 1 to 5.)						server for account X. Example: account.1.xsi.port = 80	
Broadsoft XSI (X ranges from 1 to 5.)	xsi.server_type	account.X.xsi.server_type	“http” or “https”	http	Change	It configures the access protocol of the Xtended Services Platform server for account X. Example: account.1.xsi.server_type = http	MAC.cfg
Broadsoft XSI (X ranges from 1 to 5.)	xsi.user	account.X.xsi.user	String within 99 characters	Blank	Change	It configures the user name for XSI authentication for account X. Example: account.1.xsi.user = 3502@as.iop1.broadworks.net	MAC.cfg
Language		wui_lang.delete	http://localhost/all or http://localhost/Y.name.js	Blank	Add	It deletes the specified or all custom web language packs and note language packs of the web user interface. Example: Delete all custom language packs of the web user interface: wui_lang.delete = http://localhost/all Delete a custom language pack of the web user interface (e.g., 11.Russian.js): wui_lang.delete = http://localhost/11.Russian.js	common.cfg
Language		wui_lang.url	URL within 511 characters	Blank	Add	It configures the access URL of the custom language pack for the web user interface. Example: wui_lang.url = http://192.168.10.25/1.Engli	common.cfg

						<p>sh.js</p> <p>During the auto provisioning process, the IP DECT phone connects to the HTTP provisioning server "192.168.10.25", and downloads the language pack "1.English.js".</p> <p>The English language translation will be changed accordingly if you have modified the language template file.</p> <p>If you want to download multiple language packs to the web user interface simultaneously, you can configure as following:</p> <p>wui_lang.url = http://192.168.10.25/1.English.js</p> <p>wui_lang.url = http://192.168.10.25/11.Russian.js</p>	
Advanced (X ranges from 1 to 5.)		account.X.cus tom_ua	String within 128 characters	Blank	Add	<p>It configures the suffix of User-Agent in SIP request messages from the IP DECT phone for account X.</p> <p>Default value of User-Agent: Yealink W52P 25.80.0.10</p> <p>If it is set to Myphone, the User-Agent appears as below: Yealink W52P 25.80.0.10 Myphone</p>	MAC.cfg
Advanced (X ranges from 1 to 5.)	account.X. expires				Delete		MAC.cfg
Advanced (X ranges from 1 to 5.)		account.X.reg ister_expires _overlap	Positive integer	-1	Add	It configures the renewal time (in seconds) away from	MAC.cfg

5.)						the registration lease.	
Advanced (X ranges from 1 to 5.)		account.X.subscribe_expires_overlap	Positive integer	-1	Add	It configures the renewal time (in seconds) away from the subscription lease.	MAC.cfg
Account Transfer (X ranges from 1 to 5.)		account.X.transfer_refer_to_contact_header.enable	0 or 1	0	Add	It enables or disables the Refer -To header to use the information of the Contact header in the second 200 OK message when attended transfer. 0-Disabled 1-Enabled	MAC.cfg
Watch_dog		watch_dog.enable	0 or 1	0	Add	It enables or disables the Watch Dog feature. 0-Disabled 1-Enabled Note: If it is set to 1 (Enabled), the IP DECT phone will reboot automatically when the system is broken down.	common.cfg
Anonymo us Call		features.provision_anonymous_call_on_gui.enable	0 or 1	0	Add	It enables or disables to display the anonymous call setting on the handset. 0-Disable 1-Enable	MAC.cfg
Server Redundan cy (X ranges from 1 to 5.)		account.X.outbound_proxy_fallback_interval	Integer from 0 to 65535	3600	Add	It configures the time interval (in seconds) for the IP DECT phone to detect whether the working outbound proxy server is available by sending the registration request after the fallback server takes over call control. Note: It is only applicable to outbound proxy servers.	MAC.cfg
SCA (X ranges from 1 to		features.display_sca_barge_in.enable	0 or 1	1	Add	It enables or disables the barge in soft key to display	MAC.cfg

5.)						during a SCA call. 0-Disabled 1-Enabled	
Forward International		forward.international.enable	0 or 1	1	Add	It enables or disables the IP DECT phone to forward incoming calls to international numbers (the prefix is 00). 0-Disabled 1-Enabled	common.cfg
Features_FWD		features.fwd_diversion_enable	0 or 1	1	Add	It enables or disables the IP DECT phone to present the diversion information when an incoming call is forwarded to your IP DECT phone. 0- Disabled 1-Enabled	common.cfg
Features_Others		features.reboot_in_talk_enable	0 or 1	0	Add	It enables or disables the base station to reboot during a call when it receives a reboot packet. 0-Disabled 1-Enabled	common.cfg
Custom Factory Configuration		features.custom_factory_config.enable	0 or 1	0	Add	It enables or disables the Import Factory Configuration feature. 0-Disabled 1-Enabled If it is set to 1 (Enabled), Import Factory Configuration item will be displayed on the IP DECT phone's web user interface at the path Settings->Configuration. You can import a custom factory configuration file or delete the user-defined factory configuration via web user	common.cfg

						interface.	
Features_ Others		features.call_num_filter	String within 99 characters	,-	Add	<p>It configures the characters the IP DECT phone filters when dialing.</p> <p>If the dialed number contains configured characters, the IP DECT phone will automatically filter these characters when dialing.</p> <p>Example: features.call_num_filter = ,(%! </p> <p>If you dial 1010%, the IP DECT phone will filter the character % and dial out 1010.</p> <p>Note: If it is left blank, the IP DECT phone will not automatically filter any characters when dialing. If you want to filter just a space, you have to set the value to “ ,” (a space first followed by a comma).</p>	common.cfg
Autop_Aes Key		auto_provision.aes_key_in_file	0 or 1	0	Add	<p>It enables or disables the IP DECT phone to decrypt configuration files using the encrypted AES keys.</p> <p>0-Disabled 1-Enabled</p> <p>If it is set to 1 (Enabled), the IP DECT phone will download &lt;y0000000000xx_Security&gt;.enc and &lt;MAC_Security&gt;.enc files during auto provisioning, and then decrypts these files into the plaintext keys (e.g., key2, key3) respectively using the phone</p>	common.cfg

						<p>built-in key (e.g., key1). The IP DECT phone then decrypts the encrypted configuration files using corresponding key (e.g., key2, key3).</p> <p>If it is set to 0 (Disabled), the IP DECT phone will decrypt the encrypted configuration files using plaintext AES keys configured on the IP DECT phone.</p>	
3-level Permissions		security.default_access_level	0, 1 or 2	0	Add	<p>It configures the default access level to access the handset user interface.</p> <p>0-user 1-var 2-admin</p> <p>Note: It works only if the value of the parameter "security.var_enable" is set to 1 (Enabled).</p>	common.cfg
Features_Others		phone_setting.ringing_timeout	Integer from 0 to 3600	180	Add	<p>It configures the duration time (in seconds) in the ringing state.</p> <p>If it is set to 180, the phone will stop ringing if the call is not answered within 180 seconds.</p>	common.cfg
Features_Others		phone_setting.ringback_timeout	Integer from 0 to 3600	180	Add	<p>It configures the duration time (in seconds) in the ringback state.</p> <p>If it is set to 180, the phone will cancel the dialing if the call is not answered within 180 seconds.</p>	common.cfg
Autop_Expired Time		auto_provision.attempt_expired_time	Integer from 1 to 300	5	Add	<p>It configures the time (in seconds) to wait after a file transfer fails before retrying the transfer via auto provisioning.</p>	common.cfg

						Note: It has a higher priority than the value defined by the parameter "network.attempt_expired_time".	
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