

Yealink Dect Phone W52P Release Notes

Table of Contents

Yealink W52P Release Notes of Version 25.73.0.25	3
1. Introduction	3
2. New features.....	3
3. Optimization	3
4. Bug Fixes	3
5. Description to the newly added features	4
6. Optimization description	4
7. Default Value Setting Changes.....	4
8. Configuration Parameters Enhancements	4
Yealink W52P Release Notes of Version 73	5
1. Introduction	5
2. New features.....	5
3. Optimization	5
4. Bug Fixes	6
5. Description to the newly added features	6
6. Optimization description	11
7. Default Value Setting Changes.....	13
8. Configuration Parameters Enhancements	17
Yealink W52P Release Notes of Version 50	37
1. Introduction	37
2. New Features	37
3. Optimization	37
4. Bug Fixes	38
5. New Features instructions	38
6. Optimization description	39

Yealink W52P Release Notes of Version 40	41
1. Introduction	41
2. New Features	41
3. Optimization	41
4. Bug Fixes	41
5. New Features instructions	42
6. Optimization description	43
Yealink W52P Release Notes of Version 25.30.0.50	44
1. Introduction	44
2. Optimization	44
3. Bug Fixes	44
4. Optimization instructions	45
Yealink W52P Release Notes of Version 25.30.0.40	46
1. Introduction	46
2. New Features	46
3. Optimization	46
4. Bug Fixes	46
5. New Features instructions:	48
6. Optimization instructions:	50
Yealink W52P Release Notes of Version 25.30.0.20	52
1. Introduction	52
2. New Features	52
3. Optimization	52
4. Bug Fixes	52
5. New Features instructions:	53
6. Optimization instructions:	54

Yealink W52P Release Notes of Version 73

25.73.0.25

1. Introduction

- Product Name: DECT-W52P
- Firmware Version:
Base Version: 25.73.0.20 upgrade to 25.73.0.25
- Release Date: Nov 11, 2014

2. New features

3. Optimization

1. Optimized a configuration item to configure the channel mode when an incoming intercom call is answered through the handset. The headset should be connected in advance.
2. Optimized the SIP XSI verifying feature that the phone would send the XSI message when the register name was changed.

4. Bug Fixes

1. Fixed the issue that the configuration item of “features.voice_mail_tone_enable =” could not be take effect.
2. Fixed the issue that the voice tone could not be take effect when it was set as 0 while the “voice.tone.country =” was set as Custom.
3. Fixed the issue that the configuration item of “auto_provision.handset_configured.enable =” could not be take effect.
4. Fixed the issue that the dial tone would still be effective if user set this parameter go beyond the ranges.
5. Optimized the display of outgoing calls, the LCD can now display the number and name.

5. Description to the newly added features

6. Optimization description

1. Added a configuration item to configure the channel mode when an incoming intercom call is answered through the handset. The headset should be connected in advance.

The auto provision template are as follows:

features.intercom.headset_prior.enable =

0-Speaker Mode

1-Headset Mode

The default value is 0.

For more information please refer to the

Yealink_W52P_IP_DECT_Phones_Auto_Provisioning_Guide_V73_20.

7. Default Value Setting Changes

8. Configuration Parameters Enhancements

Auto Provision Template Flies Change Log						
Firmware Version: [25.73.0.20]-[25.73.0.25]						
Feature	Provisioning syntax Comparison		Permitted Values	Action	Description	File
	x.73.0.25	x.73.0.20				
Phone Features	features.intercom.headset_prior.enable =		0 or 1	Added	It configures the channel mode when an incoming intercom call is answered through the handset. The headset should be connected in advance. 0-Speaker Mode 1-Headset Mode The default value is 0.	COM

Yealink W52P Release Notes of Version 73

1. Introduction

- Product Name: DECT-W52P
- Firmware Version:
 - Base Version: 25.50.0.20 upgrade to 25.73.0.20
 - Handset Version: 26.50.0.20 upgrade to 26.73.0.10
- Release Date: September 9, 2014

2. New features

1. Added the feature of Protect personalized settings after auto provisioning and upgrade.
2. Added Off-hook hot line dialing feature.
3. Added the Backup Server.
4. Added support for the Broadsoft SIP XSI verifying feature.
5. Added the support of wildcards (\$PN and \$MAC) in the provisioning server URL.
6. Added support of Network Conference.

3. Optimization

1. Optimized the Intercom Call feature that it can now support for Metaswitch platform.
2. User can now cancel the handset of the registration via web interface.
3. Add the auto answer message format.
4. Optimized the behavior problems after Enable/Disable of LLDP.
5. Optimized the computer response speed when user checking the contacts and telephone records.
6. Optimized the display experience of Broadsoft contacts.
7. Optimized the display experience of call log.
8. Optimized the verification of URL address/Name/Password on the LCD interface.

9. Added the Russian language.
10. Unified the auto provisioning files (Com.cfg/MAC.cfg).
11. Optimized the feature of Busy Tone.
12. Optimized the feature of Trouble Shooting.
13. Optimized the sequence of codec.
14. Optimized the control of answering/rejecting anonymous calls on the handset interface.
15. As of firmware version 73, some of the Broadsoft features are only applicable to the UC-One firmware version.
16. Optimized the feature of Time zone.
17. As of firmware version 73 and the UC-One firmware version the RPS feature was enable by default.
18. Optimize the standby time of the battery.
19. File encryption of config.bin.
20. Modified the Daylight Saving Time in the file of DST.

4. Bug Fixes

1. Fixed the issue that users can't fill in these two special characters of "&"and"!" When registered account label.
2. Fixed the issue that the SIP server address does not accept rnd-1 format.
3. Fixed the issue that the SIP server can't support Special domain name without ".".
4. Fixed the issue that the W52P couldn't support auto answer (via notify).

5. Description to the newly added features

1. **Added the feature of Protect personalized settings after auto provisioning and upgrade.**

Description: In the new version, when a user customized feature configuration settings via web/phone interface, the personalized configuration settings could not be covered after auto provisioning.

The auto provision template are as follows:

It enables or disables the phone to synchronize personalized configuration settings with the auto provisioning server.

If it is set to 1 (Enabled), personalized configuration settings via web/phone user interface are saved in the MAC-local.cfg file on the phone,

Then the phone will upload the MAC-local.cfg file to the provisioning server. During auto provisioning, the phone requests to download the MAC-local.cfg file on the provisioning server.

0-Disabled, 1-Enabled. The default value is 0.

auto_provision.custom.sync =

It enables or disables the phone to protect personalized configuration settings even after auto provisioning.

If it is set to 1 (Enabled), personalized configuration settings via web/phone user interface will be protected and remained after auto provisioning.

0-Disabled, 1-Enabled. The default value is 0.

auto_provision.custom.protect =

For more information please refer to the

Yealink_W52P_IP_DECT_Phones_Deployment_Guide_for_BroadSoft_UC-One_Environment_V73_2.

2. Added Off-hook hot line dialing feature.

Description: The account need to use through authentication, user should dial out a number for authentication, and the account can be use after the success of the input user name and password authentication.

The auto provision template are as follows:

#!version:1.0.0.1

auto_provision.custom

account.1.auto_dial_num =

account.1.auto_dial_enable =

For more information please refer to the

Yealink_W52P_IP_DECT_Phones_Deployment_Guide_for_BroadSoft_UC-One_Environment_V73_2.

3. Added the Backup Server.

Description: The W52P is designed to work in concert with the SIP Phone of version 72 that the user account can automatic switch to Backup server when the current server did not work.

The auto provision template are as follows:

#!version:1.0.0.1

```
account.1.reregister_enable =
account.1.naptr_build =
account.1.fallback.redundancy_type =
account.1.fallback.timeout =
account.1.sip_server.1.address =
account.1.sip_server.1.port =
account.1.sip_server.1.expires =
account.1.sip_server.1.retry_counts =
account.1.sip_server.1.failback_mode =
account.1.sip_server.1.failback_timeout =
account.1.sip_server.1.register_on_enable =

account.1.sip_server.2.address =
account.1.sip_server.2.port =
account.1.sip_server.2.expires =
account.1.sip_server.2.retry_counts =
account.1.sip_server.2.failback_mode =
account.1.sip_server.2.failback_timeout =
account.1.sip_server.2.register_on_enable =

account.1.dns_cache_type =
account.1.dns_cache_a.1.name =
account.1.dns_cache_a.1.ip =
account.1.dns_cache_a.1.ttl =
account.1.dns_cache_srv.1.name =
account.1.dns_cache_srv.1.port =
account.1.dns_cache_srv.1.priority =
account.1.dns_cache_srv.1.target =
account.1.dns_cache_srv.1.weight =
account.1.dns_cache_srv.1.ttl =
account.1.dns_cache_naptr.1.name =
account.1.dns_cache_naptr.1.flags =
account.1.dns_cache_naptr.1.order =
account.1.dns_cache_naptr.1.preference =
account.1.dns_cache_naptr.1.replace =
```


account.1.dns_cache_naptr.1.service =

account.1.dns_cache_naptr.1.ttl =

account.1.dns_cache_type =

account.1.dns_cache_a.2.name =

account.1.dns_cache_a.2.ip =

account.1.dns_cache_a.2.ttl =

account.1.dns_cache_srv.2.name =

account.1.dns_cache_srv.2.port =

account.1.dns_cache_srv.2.priority =

account.1.dns_cache_srv.2.target =

account.1.dns_cache_srv.2.weight =

account.1.dns_cache_srv.2.ttl =

account.1.dns_cache_naptr.2.name =

account.1.dns_cache_naptr.2.flags =

account.1.dns_cache_naptr.2.order =

account.1.dns_cache_naptr.2.preference =

account.1.dns_cache_naptr.2.replace =

account.1.dns_cache_naptr.2.service =

account.1.dns_cache_naptr.2.ttl =

account.1.static_cache_pri =

4. Added support for the Broadsoft SIP XSI verifying feature.

Description: W52P IP DECT phones supports implementing the Xtended Services Interface (XSI) to access the BroadSoft directory and call log. To access the BroadSoft directory and call log, the IP phone must sends the XSI user authentication information to Xtended Services Platform (XSP) to authenticate the XSI user. IP phones running firmware version 73 or later support two XSI authentication methods:

User Login Credentials for XSI Authentication: The IP phone uses the XSI user login credentials (web portal login user ID and password) for XSI authentication.

SIP Credentials for XSI Authentication: As of BroadWorks release 20.0, the IP phone can use the XSI user ID along with SIP authentication credentials for XSI authentication. SIP credentials are the user name and password of

the SIP account registered on the first line of the phone. This method is not applicable to IP phones with firmware version prior to 73.

The auto provision template are as follows:

#!version:1.0.0.

sip.authentication_for_xsi =

xsi.port =

xsi.server_type =

For more information please refer to the

Yealink_W52P_IP_DECT_Phones_Deployment_Guide_for_BroadSoft_UC-One_Environment_V73_2.

5. Added the support of wildcards (\$PN and \$MAC) in the provisioning server URL.

Description: when the phone tries to get IP address and DNS address via DHCP, it will also receive a fixed standard URL at the same time. For example, *http://10.2.4.1/\$PN/\$MAC.cfg.*

The auto provision template are as follows:

#!version:1.0.0.

auto_provision.url_wildcard.pn =

For more information please refer to the

Yealink_W52P_IP_DECT_Phones_Deployment_Guide_for_BroadSoft_UC-One_Environment_V73_2.

6. Added support of Network Conference.

Description: This feature on the W52P is designed to work in concert with the SIP Phone of version 72.

The auto provision template are as follows:

#!version:1.0.0.1

account.X.conf_type =

account.X.conf_uri =

For more information please refer to the

Yealink_W52P_IP_DECT_Phones_Deployment_Guide_for_BroadSoft_UC-One_Environment_V73_2.

6. Optimization description

1. **Optimized the Intercom Call feature that it can now support for Metaswitch platform.**
2. **User can now cancel the handset of the registration via web interface.**
3. **Add the auto answer message format.**

Description: Auto Answer now works correctly when the receiving message form as Alert-Info: Auto Answer and Call-Info: answer-after=0

4. **Optimized the behavior problems after Enable/Disable of LLDP.**

Description: The phone now acquires the correct VLAN either in the environment of the LLDP or VLAN.

5. **Optimized the computer response speed when user checking the contacts and telephone records.**

6. **Optimized the display experience of Broadsoft contacts.**

Description: The phone automatically deletes the same contacts in the Group and Enterprise.

7. **Optimized the display experience of call log.**

Description: The phone clock format (12 hrs – 24hrs) can now be synchronized to phone Call log.

8. **Optimized the verification of URL address/Name/Password on the LCD interface.**

Description: Added the autop code feature that the username and password of auto provision URL can now be verified via the LCD interface. At the same time, the web interface will make automatic synchronization of these username and password in the server URL field.

9. **Added the Russian language.**

Description: Added the language support of Russian on the base and web interface.

10. **Unified the auto provisioning files (Com.cfg/MAC.cfg).**

Description: The auto provisioning files were unified in concert with the SIP Phone of V73.

For more information please refer to the

W52P_Auto_Provision_Template_files_Changelog_v1 1

11. **Optimized the feature of Busy Tone.**

Description: Busy tone can be configured by the following configuration

parameters.

The auto provision template are as follows:

#!version:1.0.0.1

features.busy_tone_delay =

12. Optimized the feature of Trouble Shooting.

Description: User can quickly positioning problem through deriving the Syslog or caught. When the user configures the System Log Level through web interface, the phone would not restart, but when the user configures it by auto provisioning, the phone will still restart.

13. Optimized the sequence of codec.

Description: Optimized the sequence of G722 codec to the highest, the phone will prefer using G722 codec to receive audio and the sound quality is better.

14. Optimized the control of answering/rejecting anonymous calls on the handset interface.

Description: Added support of configuring parameter to control Anonymous call and anonymous call rejection feature.

The auto provision template are as follows:

#!version:1.0.0.1

account.X.anonymous_call_mode(X ranges from 1 to 5.)

##It configures the anonymous call feature mode when users configure anonymous call feature via the handset for account X.

0-Local

1-Server

The default value is 0.

For more information please refer to the

Yealink_W52P_IP_DECT_Phones_Deployment_Guide_for_BroadSoft_UC-One_Environment_V73_2.

15. As of firmware version 73, some of the Broadsoft features are only applicable to the UC-One firmware version.

Description: As of firmware version 73, the following features are only applicable to the UC-One firmware version (25/26.73.193.x.rom). The following sections are deleted in this version:

Network Directory

Network Call Log

Shared Call Appearance

To preserve backward compatibility of firmware version 50, the above features

will not be removed from the phone when upgrading the old firmware version to the firmware version 73 or later, unless you reset the phone to factory defaults.

16. Optimized the feature of Time zone.

Description: The user can configure separately with the time zone and time zone name via auto provisioning, only in the daylight saving time, the time zone name would be used to determine the daylight saving time belongs to which country or region.

The Time zone and daylight-saving time are set up separately on the web UI/LCD/Auto provisioning, and the optional values of time zones was optimized at the same time.

The available time zones which on the IP phone was now added every half an hour from -12 to +13, and the +5:45 and +12:45 time zone was added at the same time.

17. As of firmware version 73 and the UC-One firmware version the RPS feature was enable by default.

18. Optimize the standby time of the battery.

Description: The standby time of handset has extended by 20%.

19. File encryption of config.bin.

Description: In order to protect user information better, in the newly version of 73 or later, the file of config.bin was now encrypted, and it was only supported to be upload with new version but not the old one.

20. Modified the Daylight Saving Time in the file of DST.

Description: The Daylight Saving Time of 7 US-Mountain Time in the file of DST is now to be modified as iType="1" szStart="3/2/7/2" szEnd="11/1/7/2" szOffset="60"

7. Default Value Setting Changes

Default Value Changelog from V50 to V73			
Feature	Description	Default Value of Factory Setting	
		x.50.0.20	x.73.0.10
VLAN	It enables or disables the IP phone to obtain IP address with lower preference of VLAN assignment method or disable VLAN feature when the IP phone cannot obtain IP address with the current VLAN assignment	None	network.vlan.vlan_change.enable = 0

	<p>method.</p> <p>0-Disabled</p> <p>1-Enabled</p> <p>The default value is 0.</p>		
CustomProtect	<p>It enables or disables the IP phone to periodically (every 5 minutes) upload the <MAC>-local.cfg file to the provisioning server and download the <MAC>-local.cfg file from the provisioning server during auto provisioning.</p> <p>0-Disabled</p> <p>1-Enabled</p>	None	auto_provision.custom.sync = 0
CustomProtect	<p>Enables or disables the IP phone to protect personalized settings after auto provisioning.</p> <p>0-Disabled</p> <p>1-Enabled</p> <p>If it is set to 1 (Enabled), personalized settings of the base station configured via the handset or web user interface and the handset settings configured via the handset will be remained after auto provisioning.</p>	None	auto_provision.custom.protect = 0
CustomProtect	<p>Configures the way the IP phone uploads the <MAC>-local.cfg file to the provisioning server (for HTTP/HTTPS server only).</p> <p>0-PUT</p> <p>1-POST</p>	None	auto_provision.custom.upload_method = 0
DHCP Hostname	<p>It configures the host name of the IP phone for DHCP option 12.</p> <p>The default value is SIP-W52P.</p> <p>It takes effect after a reboot.</p>	option12_value =	network.dhcp_host_name = SIP-W52P
100 reliable retransmission	<p>It enables or disables 100 reliable retransmission feature for account X.</p> <p>0-Disabled</p> <p>1-Enabled</p> <p>The default value is 0.</p>	Enable 100rel = ?1	account.X.100rel_enable =
CallNumFilter	<p>It configures the characters the IP phone filters when dialing.</p>	None	features.call_num_filter = -

	<p>If the dialed number contains configured characters, the IP phone will automatically filter these characters when dialing.</p> <p>The default value is “-”.</p>		
DateFormat	<p>It configures the time format.</p> <p>0-12 Hour 1-24 Hour</p> <p>If it is set to 0 (12 Hour), the time will be displayed in 12-hour format with AM or PM specified.</p> <p>If it is set to 1 (24 Hour), the time will be displayed in 24-hour format (e.g., 2:00 PM displays as 14:00).</p> <p>The default value is 1.</p>	None	custom.handset.time_format = 1
autop	<p>It configures the begin time of the day for the IP phone to perform an auto provisioning process weekly.</p> <p>The default value is 00:00.</p>	strWeeklyBeginTime = ?02:00	auto_provision.schedule.time_from = 00:00
autop	<p>It configures the end time of the day for the IP phone to perform an auto provisioning process weekly.</p> <p>The default value is 00:00.</p>	strWeeklyEndTime = ?03:00	auto_provision.schedule.time_to = 00:00
Broadsoft	<p>It configures the authentication method the IP phone uses for XSI access.</p> <p>0- User Login Credentials for XSI Authentication 1-SIP Credentials for XSI Authentication</p> <p>If it is set to 0, the IP phone uses the XSI user ID and password for XSI authentication.</p> <p>If it is set to 1, the IP phone uses the XSI user ID, the user name and password of the SIP account 1 for XSI authentication.</p> <p>The default value is 0.</p>	None	sip.authentication_for_xsi = 0
BroadSoft Phonebook	<p>It configures the access port of the Xtended Services Platform server.</p>	None	xsi.port = 80

	<p>Example: xsi.port = 80 The default value is 80.</p>		
BroadSoft Phonebook	<p>It configures the access protocol of the Xtended Services Platform server. Example: xsi.server_type = http The default value is http.</p>	None	xsi.server_type = http
Busy Tone	<p>It configures the duration time (in seconds) for the busy tone. When one party releases the call, a busy tone is audible to the other party indicating that the call connection breaks. If it is set to 3 (3s), a busy tone is audible for 3 seconds on the IP phone. The default value is 0.</p>	None	features.busy_tone_delay = 0
BroadSoft	<p>It enables or disables BroadSoft features for IP phones. 0-Disabled 1-Enabled The default value is 0 for the neutral firmware version (x.73.0.x), and 1 for the UC-One firmware version (x.73.193.x). It takes effect after a reboot.</p>	bw.enable = 1	bw.enable = 0 bw.enable = 1(BSFT UC ONE)
codec	<p>It configures the priority of the enabled codec for account X.</p>	<p>account.1.codec.1.priorit y = 1 account.1.codec.2.priorit y = 2 account.1.codec.5.priorit y = 3 account.1.codec.6.priorit y = 4</p>	<p>account.x.codec.1.priority = 2 account.x.codec.2.priority = 3 account.x.codec.5.priority = 4 account.x.codec.6.priority = 1</p>
anonymous _call_mode	<p>It configures the anonymous call feature mode when users configure anonymous call feature via the handset for account X. 0-Local 1-Server The default value is 0.</p>	None	account.x.anonymous_call_mode = 0
reject_anon	<p>It configures the anonymous call</p>	None	account.x.anonymous_call_

ymous_call _mode	feature mode when users configure anonymous call feature via the handset for account X. 0-Local 1-Server The default value is 0.		mode = 0
Network Conference	It configures the conference type for account X. 0-Local Conference (Conferences are set up on the IP phone locally). 2-Network Conference (Conferences are set up by the server). The default value is 0.	None	account.x.conf_type = 0
Network Conference	It configures the network conference URI for account X. The default value is blank.	None	account.x.conf_uri =

8. Configuration Parameters Enhancements

Auto Provision Template Flies Change Log						
Firmware Version: [X.50.0.20]-[X.73.0.10]						
Feature	Provisioning syntax Comparison		Permitted Values	Action	Description	File
	V73	V50				
Auto Provisioning	auto_provision.power_on =	auto_provision.mode =	0 or 1	Modified	Enables or disables the IP phone to perform an auto provisioning process when powered on.	COM
Auto Provisioning	auto_provision.weekly.dayofweek =	auto_provision.weekly.mask =	0 or 1	Modified	Configures the days of the week for the IP phone to check new configuration weekly.	COM
Auto Provisioning	auto_provision.custom.protect =	None	0 or 1	Added	Enables or disables the IP phone to protect personalized settings after auto provisioning.	COM
Auto Provisioning	auto_provision.custom.upload_m	None	0 or 1	Added	Description: Configures the way	COM

	ethod =				the IP phone uploads the <MAC>-local.cfg file to the provisioning server (for HTTP/HTTPS server only). 0-PUT 1-POST	
Auto Provisioning	auto_provision.custom.sync =	None	0 or 1	Added	Enables or disables the IP phone to periodically (every 5 minutes) upload the <MAC>-local.cfg file to the provisioning server, and download the <MAC>-local.cfg file from the provisioning server during auto provisioning.	COM
Auto Provisioning	auto_provision.url_wildcard.pn =	None	String within 32 characters	Added	It configures the characters to replace the wildcard \$PN and \$MAC in the received URL of the provisioning server. The default value is W52P.	COM
Auto Provisioning	auto_provision.reboot_force.enable =	None	0 or 1	Added	It enables or disables the IP phone to reboot after auto provisioning when there is no specific configuration requiring reboot. It is especially useful when there is no specific configuration requiring reboot in the configuration files, but you want to force the IP phone to reboot after auto provisioning.	COM

Phone Features	sip.send_response_by_request =	None	0 or 1	Added	It configures from where the IP phone retrieves the destination address for response. The IP phone will then send all SIP response messages to the destination address.	COM
Phone Features	sip.use_23_as_pound =	None	0 or 1	Added	It enables or disables the IP phone to reserve the pound sign when dialing out.	COM
Phone Features	sip.rfc2543_hold =	None	0 or 1	Added	It enables or disables the IP phone to use RFC 2543 (c=0.0.0.0) outgoing hold signaling.	COM
Phone Features	sip.notify_reboot_enable =	None	0, 1or 2	Added	It configures the phone behavior when the IP phone receives a SIP NOTIFY message containing the header "Event: check-sync".	COM
Phone Features	phone_setting.emergency.number =	None	String within 99 characters	Added	It configures the emergency numbers. Multiple emergency numbers are separated by commas. The default value is blank.	COM
Phone Features	features.voice_mail_tone_enable =	None	0 or 1	Added	It enables or disables the IP phone to play a warning tone when receiving a voice mail.	COM
Phone Features	features.busy_tone_delay =	None	0, 3 or 5	Added	It configures the duration time (in seconds) of the busy tone. When one party releases the call, a busy tone is audible to the other party indicating that the call connection breaks.	COM

					If it is set to 3 (3s), a busy tone is audible for 3 seconds on the IP phone.	
Phone Features	features.direct_ip_call_enable	None	0 or 1	Added	It enables or disables the IP phone to place direct IP calls. A direct IP call is placed by dialing the IP address of the destination phone.	COM
Jitter Buffer	voice.jib.adaptive =	None	0 or 1	Added	It configures the type of jitter buffer.	COM
Jitter Buffer	voice.jib.min =	None	Integer	Added	It configures the minimum delay (in milliseconds) of jitter buffer. The default value is 0.	COM
Jitter Buffer	voice.jib.max =	None	Integer	Added	It configures the maximum delay (in milliseconds) of jitter buffer.	COM
Jitter Buffer	voice.jib.normal =	None		Added	It configures the normal delay (in milliseconds) of jitter buffer. The default value is 120.	COM
Echo Cancellation	voice.vad =	None	0 or 1	Added	It enables or disables VAD (Voice Activity Detection) feature on the phone.	COM
Echo Cancellation	voice.cng =	None	0 or 1	Added	It enables or disables CNG (Comfortable Noise Generator) feature on the phone.	COM
Security Settings	security.user_name.user =	None	String within 32 characters	Added	It configures the user name of the user for phone's web user interface access. The default value is user.	COM
Security Settings	security.user_name.admin =	None	String within 32	Added	It configures the user name of the	COM

			characters		administrator for phone's web user interface access. The default value is admin.	
Security Settings	security.user_name.var =	None	String within 32 characters	Added	It configures the user name of the var for phone's web user interface access. The default value is var.	COM
User Mode	security.var_enable =	None	0 or 1	Added	It enables or disables the 3-level permissions (admin, user, var).	COM
User Mode	web_item_level.url =	None	URL within 511 characters	Added	It configures the access URL of the file which defines 3-level access permissions. The default value is blank. It takes effect after a reboot. For more information, refer to Yealink IP phones Configuration Guide for User Access Level.	COM
Broadsoft Feature	bw.enable =	None	0 or 1	Added	It enables or disables the Broadsoft feature.	COM
Contacts	xsi.port =	None	Integer from 1 to 65535	Added	It configures the port of the Xtended Services Platform server.	COM
Contacts	xsi.server_type =	None	"http" or "https"	Added	It configures the access protocol of the Xtended Services Platform server.	COM
Contacts	bw_phonebook.group_displayname =	None	String within 99 characters	Added	It configures the display name on the LCD screen for the group directory. The default value is Group.	COM

Contacts	bw_phonebook. group_common_ displayname =	None	String within 99 characters	Added	It configures the display name on the LCD screen for the group common directory. The default value is GroupCommon.	COM
Contacts	bw_phonebook. enterprise_displa yname =	None	String within 99 characters	Added	It configures the display name on the LCD screen for the enterprise directory. The default value is Enterprise.	COM
Contacts	bw_phonebook. enterprise_com mon_displaynam e =	None	String within 99 characters	Added	It configures the display name on the LCD screen for the enterprise common directory. The default value is EnterpriseCommon.	COM
Contacts	bw_phonebook. personal_display name =	None	String within 99 characters	Added	It configures the display name on the LCD screen for the personal directory. The default value is Personal.	COM
Contacts	sip.authenticatio n_for_xsi =	None	0 or 1	Added	It configures the authentication method the IP phone uses for XSI access.	COM
Handset	auto_provision.h andset_configur e.enable =	None	0 or 1	Added	Enables or disables the base station to deliver handset settings configured via auto provisioning to the registered handset.	COM
Handset	custom.handset.l anguage=	None	Integer from 0 to 11	Added	It configures the language of the handset	COM
Handset	custom.handset. color_scheme =	None	0 or 1	Added	It configures the color scheme of the handset.	COM
Handset	custom.handset.	None	0, 1 or 2	Added	It configures whether	COM

	auto_intercom =				the IP phone automatically answers an incoming internal intercom call and plays a warning tone.	
Handset	custom.handset.screen_saver.enable =	None	0 or 1	Added	It enables or disables screen saver feature.	COM
Handset	custom.handset.backlight_in_charger.enable =	None	0 or 1	Added	It enables or disables the handset to always turn on the backlight when it is in the charging state.	COM
Handset	custom.handset.backlight_out_of_charger.enable =	None	0 or 1	Added	It enables or disables the handset to always turn on the backlight when it is not in the charging state.	COM
Handset	custom.handset.keypad_light.enable =	None	0 or 1	Added	It enables or disables the handset to turn on the keypad light when any key is pressed.	COM
Handset	custom.handset.keypad_tone.enable =	None	0 or 1	Added	It enables or disables the handset to play a tone when any key is pressed.	COM
Handset	custom.handset.confirmation_tone.enable =	None	0 or 1	Added	It enables or disables the handset to play a tone when a user saves settings or places the handset in the charger cradle.	COM
Handset	custom.handset.low_battery_tone.enable =	None	0 or 1	Added	It enables or disables the handset to play a tone when the capacity of the batteries is low.	COM
Handset	custom.handset.voice_mail_notification_light.enable =	None	0 or 1	Added	It enables or disables the message key LED to flash red when the handset receives a voice mail.	COM
Handset	custom.handset.	None	0 or 1	Added	It enables or disables	COM

	missed_call_notify_light.enable =				the message key LED to flash red when the handset misses a call.	
Handset	custom.handset.auto_answer.enable =	None	0 or 1	Added	It enables or disables a user to answer incoming calls by lifting the handset from the charger cradle without having to press the off-hook key.	COM
Handset	custom.handset.eco_mode.enable =	None	0 or 1	Added	It enables or disables the eco mode to greatly reduce the transmission power and signal output when the phone is in the talk mode.	COM
ECO	base.eco_mode.enable =	None	0 or 1	Added	It enables or disables the Eco mode+ to turn off the transmission power when the phone is in the standby mode.	COM
Repeater	base.repeater_mode.enable =	None	0 or 1	Added	It enables or disables the repeater mode to extend the radio coverage of the base station.	COM
Features DTMF	features.dtmf.hide =	None	0 or 1	Added	It enables or disables the IP phone to suppress the display of DTMF digits. If it is set to 1 (Enabled), the DTMF digits are displayed as asterisks.	COM
Features DTMF	features.dtmf.hide_delay =	None	0 or 1	Added	It enables or disables the IP phone to display the DTMF digits for a short period before displaying asterisks.	COM
DHCP Host	network.dhcp_h	None	String	Added	It configures the host	COM

	ost_name =		within 99 characters		name of the IP phone for DHCP option 12. The default value is SIP-W52P. It takes effect after a reboot.	
Network	network.802_1x.client_cert_url =	None		Added	Configure the username and password for 802.1x authentication	COM
Auto Provisioning		auto_provision.pnp_domain_name =		Deleted		COM
Auto Provisioning		auto_provision.pnp_event_vendor =		Deleted		COM
Auto Provisioning		auto_provision.common_file_name =		Deleted		COM
Phone Settings		features.fwd.allow =	0 or 1	Deleted		COM
Phone Settings		features.dnd.allow =	0 or 1	Deleted		COM
Customized Factory Configurations	configuration.url =		URL within 511 characters	Added	It configures the access URL for the custom config files. The default value is blank. It takes effect after a reboot.	COM
Customized Factory Configurations	custom_mac_cfg.url =		URL within 511 characters	Added	It configures the access URL of the custom MAC-Oriented CFG file.	COM
SIP server		account.1.sip_server_host		Deleted	The default value is blank.	MAC
Account1 Settings		account.1.sip_server_port =		Deleted		MAC
Account1 Settings		account.1.backup_outbound_host =		Deleted		MAC
Account1 Settings		account.1.backup_outbound_port =		Deleted		MAC

Account1 Settings		account.1.prec ondition =		Deleted		MAC
Account1 Settings		account.1.enab le_signal_enco de		Deleted		MAC
Account1 Settings		account.1.signa l_encode_key =		Deleted		MAC
SCA	account.1.shared _line =		0 or 1	Added	It enables or disables BroadSoft shared call appearance feature. 0-Disabled 1-BroadSoft_SCA The default value is 0.	MAC
Account1 Settings	account.1.anony mous_call_mode =	None	0 or 1	Added	It configures the anonymous call feature mode when users configure anonymous call feature via the handset for account X. 0-Local 1-Server The default value is 0.	MAC
Account1 Settings	account.1.reject_ anonymous_call _mode =	None	0 or 1	Added	It configures the anonymous call rejection mode when users configure anonymous call rejection feature via the handset for account X. 0-Local 1-Server The default value is 0.	MAC
Account1 Settings	account.1.send_ anonymous_cod e =	None	0 or 1	Added	Configure the on code and off code of the anonymous call feature	MAC
Account1 Settings	account.1.send_ anonymous_reje ction_code =	None	0 or 1	Added	Configure the on code and off code of the reject anonymous call feature	MAC
Off Hook hot	account.1.auto_	None	String	Added	It configures the	MAC

line dialing	dial_num =		within 32 characters		number that the phone automatically dials out first when the user places a call. The default value is blank.	
Off Hook hot line dialing	account.1.auto_dial_enable =	None	0 or 1	Added	It enables or disables the phone to automatically dial out a pre-configured number first when the user places a call using the account X. 0-Disabled 1-Enabled The default value is 0.	MAC
Account1 Settings	account.1.cid_source_privacy =	None	0 or 1	Added	It enables or disables the IP phone to process the PRIVACY header field in the 180 or 200 OK message for account X. 0-Disabled 1-Enabled The default value is 1.	MAC
Account1 Settings	account.1.cid_source_ppi =	None	0 or 1	Added	It enables or disables the IP phone to process the P-Preferred-Identity header for caller identity presentation when receiving an incoming call for account X. 0-Disabled 1-Enabled The default value is 1.	MAC
Account1 Settings	account.1.cp_source =	None	0 or 1	Added	It configures the presentation of the callee's identity for account X.	MAC
Failback	account.X.sip_server.Y.register_on	None	0 or 1	Added	It enables or disables the IP phone to send	MAC

	_enable =				<p>registration requests to the secondary server for account X when encountering a failover.</p> <p>0-Disabled 1-Enabled</p> <p>The default value is 0.</p>	
Failback	account.1.naptr_build =	None	0 or 1	Added	<p>It configures the way of SRV query for the IP phone to be performed when no result is returned from NAPTR query for account X.</p> <p>0-SRV query using UDP only 1-SRV query using UDP, TCP and TLS.</p> <p>The default value is 0.</p>	MAC
Failback	account.1.failback_redundancy_type =	None	0 or 1	Added	<p>It configures the registration mode for account X in fallback mode.</p> <p>0-Concurrent registration 1-Successive registration</p> <p>The default value is 0.</p>	MAC
Failback	account.1.failback_timeout =	None	Integer from 10 to 2147483647	Added	<p>It configures the time interval (in seconds) for the IP phone to detect whether the working server is available by sending the registration request for account X after the fallback server takes over call control.</p> <p>It is only applicable to successive registration mode.</p>	MAC

					The default value is 120.	
Failback	account.1.sip_server.1.address =	None	IP address or domain name	Added	It configures the IP address or domain name of the SIP server Y for account X.	MAC
Failback	account.1.sip_server.1.port =	None	Integer from 1 to 65535	Added	It configures the port of SIP server Y for account X. The default value is 5060. Note: The old parameter "account.X.sip_server_port" is also applicable to IP phones.	MAC
Failback	account.1.sip_server.1.expires =	None	Integer from 30 to 2147483647	Added	It configures the registration expiration time (in seconds) of SIP server Y for account X. The default value is 3600.	MAC
Failback	account.1.sip_server.1.retry_counts =	None	Integer from 0 to 20	Added	It configures the retry times for the IP phone to resend requests when the SIP server Y is unavailable or there is no response from the SIP server Y for account X. The default value is 3.	MAC
Failback	account.1.sip_server.1.failback_mode =	None	0, 1, 2 or 3	Added	It configures the mode for the IP phone to retry the primary server in failover mode for account X.	MAC
Failback	account.1.sip_server.1.failback_timeout =	None	Integer 0, from 60 to 65535	Added	It configures the timeout (in seconds) for the IP phone to retry to send requests to the primary server	MAC

					after failing over to the current working server for account X when the value of the parameter "account.X.sip_server.Y.failback_mode" is set to 3 (duration).	
Failback	account.1.sip_server.1.register_option_enable =	None	0 or 1	Added	It enables or disables the IP phone to send registration requests to the secondary server for account X when encountering a failover. 0-Disabled 1-Enabled The default value is 0.	MAC
Failback	account.1.dns_cache_type =	None	0, 1 or 2	Added	It configures the content that the DNS cache records for account X. 0-perform real-time DNS query rather than using DNS cache. 1-Use DNS cache, but do not record the additional records. 2-Use DNS cache and record the additional records. The default value is 1.	MAC
Failback	account.1.dns_cache_a.1.name =	None	Domain name	Added	It configures the domain name in A record Y for account X. The default value is blank.	MAC
Failback	account.1.dns_cache_a.1.ip =	None	IP address	Added	It configures the IP address that the domain name in A record Y maps to for account X. The default value is	MAC

					blank.	
Failback	account.1.dns_cache_a.1.ttl =	None	Integer from 30 to 2147483647	Added	It configures the time interval (in seconds) that A record Y may be cached before the record should be consulted again for account X. The default value is 300.	MAC
Failback	account.1.dns_cache_srv.1.name =	None	Domain name	Added	It configures the domain name in SRV record Y for account X. It takes effect after a reboot.	MAC
Failback	account.1.dns_cache_srv.1.port =	None	Integer from 0 to 65535	Added	It configures the port to be used in SRV record Y for account X. The default value is 0.	MAC
Failback	account.1.dns_cache_srv.1.priority =	None	Integer from 0 to 65535	Added	It configures the priority for the target host in SRV record Y for account X. Lower priority is more preferred. The default value is 0.	MAC
Failback	account.1.dns_cache_srv.1.target =	None	Domain name	Added	It configures the domain name of the target host for an A query in SRV record Y for account X. The default value is blank. It takes effect after a reboot.	MAC
Failback	account.1.dns_cache_srv.1.weight =	None	Integer from 0 to 65535	Added	It configures the weight of the target host in SRV record Y for account X.	MAC
Failback	account.1.dns_cache_srv.1.ttl =	None	Integer from 30 to 2147483647	Added	It configures the time interval (in seconds) that SRV record Y may	MAC

					be cached before the record should be consulted again for account X. The default value is 300.	
Failback	account.1.dns_cache_naptr.1.name =	None	Domain name	Added	It configures the domain name to which NAPTR record Y refers for account X. The default value is blank. It takes effect after a reboot.	MAC
Failback	account.1.dns_cache_naptr.1.flags =	None	S, A, U or P	Added	It configures the flag of NAPTR record Y for account X. (Always "s" for SIP, which means to do an SRV lookup on whatever is in the replacement field)	MAC
Failback	account.1.dns_cache_naptr.1.order =	None	Integer from 0 to 65535	Added	It configures the order of NAPTR record Y for account X. NAPTR record with lower order is more preferred. The default value is 0.	MAC
Failback	account.1.dns_cache_naptr.1.preference =	None	Integer from 0 to 65535	Added	It configures the preference of NAPTR record Y for account X. NAPTR record with lower preference is more preferred. The default value is 0.	MAC
Failback	account.1.dns_cache_naptr.1.replace =	None	Domain name	Added	It configures a domain name to be used for the next SRV query in NAPTR record Y for account X. The default value is blank.	MAC
Failback	account.1.dns_cache_naptr.1.service =	None	String within 32	Added	It configures the transport protocol	MAC

	ce =		characters		available for the SIP server in NAPTR record Y for account X. The default value is blank.	
Failback	account.1.dns_cache_naptr.1.ttl =	None	Integer from 30 to 2147483647	Added	It configures the time interval (in seconds) that NAPTR record Y may be cached before the record should be consulted again for account X. The default value is 300.	MAC
Failback	account.1.static_cache_pri =	None	0 or 1	Added	It configures whether preferentially to use the static DNS cache for domain name resolution of the SIP server for account X.	MAC
Call Forward	account.1.always_fwd.off_code =	None		Added	0-Use domain name resolution from server	MAC
Call Forward	account.1.always_fwd.on_code =	None		Added	Configures the always forward on code to activate the server-side always forward feature for account X.	MAC
Call Forward	account.1.busy_fwd.off_code =	None		Added	Configures the busy forward off code to deactivate the server-side busy forward feature for account X.	MAC
Call Forward	account.1.busy_fwd.on_code =	None		Added	Configures the busy forward on code to activate the server-side busy forward feature for account X.	MAC
Call Forward	account.1.timeout_fwd.off_code =	None		Added	Configures the no answer forward off code to activate the	MAC

					server-side no answer forward feature for account X.	
Call Forward	account.1.timeout_fwd.on_code =	None		Added	Configures the no answer forward on code to activate the server-side no answer forward feature for account X.	MAC
DND Mode	features.dnd_mode =	features.dnd_mode =		Removed	Configures the DND mode for the IP phone. If it is set to 0 (Phone), DND feature is effective for the IP phone.	MAC
DND	account.1.dnd.on_code =	None		Added	Configures the DND on code to activate the server-side DND feature for account X.	MAC
DND	account.1.dnd.off_code =	None		Added	Configures the DND off code to deactivate the server-side DND feature for account X.	MAC
Network Conference	account.1.conf_type = 0	None	0 or 2	Added	##It configures the conference type for account X.0-Local Conference,2-Network Conference. The default value is 0.	MAC
Network Conference	account.1.conf_uri =	None		Added	It configures the network conference URI for account X. The default value is blank.	MAC
Time Settings	local_time.manual_time_enable =	None	0 or 1	Added	It configures the phone to obtain time from NTP server or manual settings.0-Manual,1-NTP	MAC
Time Settings	local_time.manual_ntp_srv_prior =	None	0 or 1	Added	It enables or disables the phone to use manually configured	MAC

					NTP server preferentially	
Time Settings	local_time.time_zone =	None	From -12 to +13 (in increments of 30 minutes), +5:45 or +12:45	Moved to MAC.cfg	It configures the time zone. The default value is +8. Example: local_time.time_zone = +9:30	MAC
Time Settings	local_time.time_zone_name =	None	String within 32 characters	Moved to MAC.cfg	It configures the time zone name. The default time zone name is China (Beijing). The available time zone names depend on the time zone configured by the parameter	MAC
Time Settings	local_time.ntp_server1 =	None	Domain name or IP address	Moved to MAC.cfg	It configures the domain name or IP address of the NTP server 1. The default value is cn.pool.ntp.org.	MAC
Time Settings	local_time.ntp_server2 =	None	Domain name or IP address	Moved to MAC.cfg	It configures the domain name or IP address of the NTP server 2. The default value is time.windows.com.	MAC
Time Settings	local_time.interval =	None	Integer from 60 to 86400	Moved to MAC.cfg	It configures the interval (in seconds) for the phone to synchronize local time with the NTP server. The default value is 86400.	MAC
Time Settings	local_time.summer_time =	None	0, 1 or 2	Moved to MAC.cfg	It enables or disables the IP phone to use daylight saving time (DST).	MAC
Time Settings	local_time.dst_time_type =	None	0 or 1	Moved to	It configures the DST time type.	MAC

				MAC.cfg		
Time Settings	local_time.start_time =	None	Time	Moved to MAC.cfg	It configures the time to start DST.	MAC
Time Settings	local_time.end_time =	None	Time	Moved to MAC.cfg	It configures the time to end DST.	MAC
Time Settings	local_time.offset_time =	None	Integer from -300 to 300	Moved to MAC.cfg	It configures the offset time (in minutes). The default value is 60.	MAC
Time Settings	local_time.dhcp_time =	None	0 or 1	Moved to MAC.cfg	It enables or disables the phone to update time with the offset time obtained from the DHCP server. It is only available to the time zone 0.	MAC
Time Settings	auto_dst.url =	None	URL within 511 characters	Moved to MAC.cfg	It configures the access URL of the DST file (AutoDST.xml).	MAC

Yealink W52P Release Notes of Version 50

1. Introduction

Product Name: DECT-W52P

Firmware Version:

Base Version: 25.40.0.15 upgrade to 25.50.0.20

Handset Version: 26.40.0.15 upgrade to 26.50.0.20

Release Date: March 24, 2014

2. New Features

1. [Added the feature that the W52P can now support TLS and SSL certificates.](#)
2. [Added the feature of Broadsoft Shared Call Appearance \(SCA\).](#)
3. [Added the feature that the time and date format of the W52P can now be configured by auto provisioning.](#)
4. [Added the feature of Suppress DTMF Display.](#)

3. Optimization

1. [Fixed the issue that the phone triggers local ringback and ringtones at the same time.](#)
2. [Increased a select menu when the user transfer the second call to the first conversation.](#)
3. [Optimized the version information user experience.](#)
4. [Removed the Limit of number of lines on Auto Answer feature.](#)
5. [Optimized the way of configuring the value of DNS.The value can now be configured through the web interface and the handset.](#)
6. Removed the feature of SNMP.

4. Bug Fixes

1. Fixed the issue that the phone would not be registered successfully if the network environment contains two gateway addresses.
2. Fixed the issue that the phone will cause abnormal display if the contact number contains letters.
3. Fixed the issue that only part of the handset rang when the call was forwarded from one Hunt Group to another Hunt Group.
4. Fixed the issue that the broadsoft callog and directory did not take effect.
5. Fixed the issue that the telephone ring would be interrupted for 5 seconds when the call transferred to third party.
6. Fixed the issue that the phone failed to be deployed with the CFG files using the RPS feature.
7. Fixed the issue that the handset needs to reboot with the '1' digit key long pressed when a user wants to access the voice mail.
8. Fixed the issue that the W52P couldn't make a new call when an existing call was placed on hold.
9. Fixed the issue that the W52P directly goes to talking interface before the called party answers the phone.
10. Fixed the issue that the translation of Chinese traditional was missing in the handset.

5. New Features instructions

1. **Added the feature that the W52P can now support TLS and SSL certificates.**

Description: The Dect phones from the factory will be preset with an SSL Certificate based on MAC.

The corresponding auto configuration:

```
#!version:1.0.0.1
```

```
security.ca_cert = 0/1/2(the default value is 2-All Cert)
```

```
security.dev_cert = 0/1(the default value is 0-Disable)
```

```
security.cn_validation = 0/1 ( the default value is 0-Diaable )
```

2. **Added the feature of Broadsoft Shared Call Appearance (SCA).**

Description:The users can share their office extension on their mobile phone or the desk phone in their home. User can achieve remote office through this feature.

3. Added the feature that the time and date format of the W52P can now be configured by auto provisioning.

The corresponding auto configuration:

#!version:1.0.0.1

custom.handset.time_format = 0/1 (by the default value is 1)

custom.handset.date_format = 0~6 (by the default value is 0)

4. Added the feature of Suppress DTMF Display.

Description:It is supported to enable or disable the phone to suppress the display of DTMF digits. If it is set to enabled, the DTMF digits are displayed as asterisks.

6. Optimization description

1. Fixed the issue that the phone triggers local ringback and ringtones at the same time.

Description:The phone will close the local ringback when the handset received 183 message and 180 message at the same time.

2. Increased a select menu when the user transfer the second call to the first conversation.

Description:when the user transfers the second call to the first called party, the handset will bring up a prompt interface for the user to select the corresponding talk line.The Dect phone will transfer the activity party to the held party.

3. Optimized the version information user experience.

Description:The version information of the view now is designed to handset and base separately.

4. Removed the Limit of number of lines on Auto Answer feature.

Description:The Dect phone will removed the incoming call prompt interface, and pick up the call automatically when the phone receive the Auto Answer SIP

message.

- 5. Optimized the way of configuring the value of DNS. The value can now be configured through the web interface and the handset.**

Description:The user can also change the value through the web interface and handset after the Dect phone obtain DNS message automatically.

Yealink W52P Release Notes of Version 40

1. Introduction

Product Name: DECT-W52P

Firmware Version:

Base Version: 25.30.0.50 upgrade to 25.40.0.15

Handset Version: 26.30.0.50 upgrade to 26.40.0.15

Release Date: December 05,2013

2. New Features

1. Added more access URL for users to access the Remote Phone Book.
2. Added the feature that users could access the missed call list via the idle screen.
3. Added the feature of dynamic VLAN.
4. Added the feature of OTA (Over-The -Air).

3. Optimization

1. Optimized the user experience, when the accounts were registered full.
2. Optimized the note, when locking the Keypad.
3. Optimized the user experience of the Battery electric power display.
4. Optimized the feature that the “R” Key could be used for Transferring.
5. Optimized the security of W52P.

4. Bug Fixes

1. Fixed the issue that the user could hear some noise when answering a call.
2. Fixed the issue that the second party didn't ring when the first party transferring a call to it.
3. Fixed the issue that both of the parties couldn't hear each-other during a call.
4. Fixed the issue that the W52P didn't support the Replace feature.

5. New Features instructions

1. Added 4 URLs for users to access the Remote Phone Book.

Description: The number of the access URL was added to five for the user to use the remote Phone Book.

The corresponding auto configuration:

```
#!version:1.0.0.1
```

```
remote_phonebook.data.X.url =
```

```
remote_phonebook.data.X.name =
```

2. Added the feature that users could access to the missed call list directly via the idle screen.

Description: Users could access to the missed call list via the idle screen.

Features: When the handset received a missed call, the users could press the “View” soft key to access the missed call list via the idle screen.

3. Added the feature of dynamic VLAN.

Description: The W52P could obtain the VALN information dynamically.

Features: The base can access the IP address normally, when the LLDP feature is enabled, despite it was turned to the network without VLAN.

The corresponding auto configuration:

```
#!version:1.0.0.1
```

```
network.vlan.dhcp_enable =
```

```
network.vlan.dhcp_option =
```

4. Added the feature of OTA (Over-The -Air).

Description: Both the base and handset support OTA feature, upgrade via web user interface or auto provisioning.

Features:

4.1 To trigger an OTA upgrade via web user interface:

- 1) Click on Phone->Upgrade.
- 2) In the Select and Upgrade Handset Firmware block, click Browse to locate the handset firmware file from local system.
- 3) Click Upgrade to trigger the OTA update.

4.2 Users can also trigger an OTA upgrade via auto provisioning.

The corresponding auto configuration:

```
#!version:1.0.0.1
```

```
over_the_air.url =
```

```
over_the_air.base_trigger =
```

```
over_the_air.handset_tip =
```

6. Optimization description

1. Optimized the user experience, when the accounts were registered full.

Description: When the base was registered for five accounts, the web page of Status-Handset &VoIP would prompt “registered full”.

2. Optimized the note, when locking the Keypad.

Description: If the keypad is locked, the LCD screen would prompt “Keypad Locked, Press and hold ‘#’ to unlock!” when the user entered the On-hook key or others.

3. Optimized the user experience of the Battery electric power display.

Description: Optimized the user experience that the battery indicator was incorrect.

4. Added the feature that the “R” Key could be used for Transferring.

Description: Users could using the transfer (Blind Transfer/Semi-Attended Transfer/Attended Transfer) during a call by pressing the Redirect Key.

5. Optimized the security of W52P.

Description:

5.1. Any configuration items about password were cleared when the configuration file was exported.

5.2. The web will lock out prospective users for 3 minutes if they fail to enter the correct password three times in a row. And the lock time would redoubles up to one hour if continuous disoperation.

Yealink W52P Release Notes of Version 25.30.0.50

1. Introduction

Product Name: DECT-W52P

Firmware Version:

Base Version: 25.30.0.40 upgrade to 25.30.0.50

Handset Version: 26.30.0.40 upgrade to 26.30.0.50

Release Date: September 30,2013

2. Optimization

1. Optimized the battery charging strategy.
2. Optimized the logic of matching contacts.
3. Optimized the multipath delay issue.
4. Optimized the delay issue of Hunt Group.
5. Optimized the issue of battery gets hot when charging.

3. Bug Fixes

1. Fixed the issue that the W52P didn't send the DTMF-RFC 2833 when it received the 183 message.
2. Fixed the issue that the W52P didn't ring warning tone with "beep" when dialing the Voice mail.
3. Fixed the issue that the statement of dial plan in M7 was inoperative.
4. Fixed the issue that the W52P would request to the DNS server when the TTL was overtime.
5. Fixed the issue that if four handsets were registered to a same Base, and the user answering the second incoming call, there would be 2-4 seconds latency.
6. Fixed the issue that there were two seconds latency occurred when the users answering the incoming calls in the hunt group.
7. Fixed the issue that W52P didn't match the local contact.

8. Fixed the issue that the handset didn't support Chinese traditional characters.
9. Fixed the issue that the voice mail was played through the speaker phone mode rather than the handset mode.
10. Support auto answer feature when W52P receives the NOTIFY.

4. Optimization instructions

1. Optimized the battery charging strategy.

Description: Battery won't get too hot again when continues charging, and the total charging time doubled.

2. Optimized the logic of matching contacts.

Description: The contacts could be matched automatically when coming calls, regardless of which handset the phonebook is imported to.

3. Optimized the multipath delay issue.

Description: Optimized the issue that Latency occurred when any handset (H2-H5) answered a new call during the call of handset of H1.

4. Optimized the delay issue of Hunt Group.

Description: The handset received Hunt Group calls, and picked up, the call will not delay.

Yealink W52P Release Notes of Version 25.30.0.40

1. Introduction

Product Name: DECT-W52P

Firmware Version:

Base Version: 25.30.0.20 upgrade to 25.30.0.40

Handset Version: 26.30.0.10 upgrade to 26.30.0.40

Release Date: August 17th , 2013

2. New Features

1. Added TR069 feature.
2. Added AutoP Code feature.
3. Added SNMP feature.
4. Added Auto Intercom feature.
5. Added Repeater feature.(Note: Only if the Base and Handset have upgraded to the latest software 25.30.0.40 and 26.30.0.40 can use the Repeater feature.)

3. Optimization

1. Optimized code of software.
2. Optimized the logic when performing a factory reset.
3. Optimized the logic of Anonymous Call feature.
4. Optimized warning tone.
5. Optimized the base's flash in the hardware, modified the software to be compatible with.

4. Bug Fixes

1. Fixed the issue that W52P Caller ID display incompletely.
2. Fixed the issue that base.pin_code=1234 can't be applied via AutoP.

3. Fixed the no voice issue when using W52P as calling party.
4. Fixed the no voice issue when W52P is placed behind SonicWall firewall.
5. Fixed the issue that accounts and password are lost when AutoP.
6. Fixed the issue that pin code can't be modified via AutoP.
7. Fixed the issue that the voice of W52P is badly damaged.
8. Fixed the issue that W52P displays 'Line Busy' during a call.
9. Fixed the issue that the handset can't answer or make a call, but automatically recovers after some time.
10. Fixed the issue that 'Daylight Saving Time' doesn't work when set to 'Automatic', and the handset's time is an hour earlier.
11. Fixed the issue that 'Account Label' is 11 characters, but it displays incompletely in WEB.
12. Fixed the issue that 'Start Date' is greater than 'End Date' when using 'Daylight Saving Time'.
13. Fixed the failure issue of 'Anonymous Call' and 'Anonymous Call Rejection' features.
14. Fixed the issue that 'Blind Transfer' fails sometimes.
15. Fixed the issue that after registering 5 handsets, registration will fail when handset is making a call.
16. Fixed the issue that 'Remote Phonebook' can't work well.
17. Fixed the issue that when 4 handsets have been registered to a base, the handsets always drop.
18. Fixed the issue that when 'Refer' message needs authentication, but the phone will not send out the 'Refer' message with authentication.
19. Fixed the issue that the handset will be in 'Busy' state after several conferences.
20. Fixed the issue that Blind Transfer fails sometimes when using PortaWwitch.
21. Fixed the issue that 'offset' of Daylight Saving Time can't be set to 60.
22. Fixed the issue that the Date will go wrong when network disconnects, when reconnected to network it can't connect to VPN.
23. Fixed the issue that when phone sends AutoP request, User-agent needs to be with MAC address.
24. Fixed the issue that Intercom Warning Tone can't be played from speaker.
25. Fixed the issue that when Blind Transfer with the contacts in Directory, the handset will crash.

- 26. Fixed the issue that when Transfer with contacts in XML Phonebook, the handset will crash.
- 27. Fixed the issue that the Password of Account can't support the '!' character.
- 28. Fixed the issue that the state of Hold is wrong.
- 29. Fixed the issue about the Offset of Daylight Saving Time.
- 30. Fixed the Attended Transfer issue.
- 31. Fixed the issue that when searching in Directory, GUI will crash.
- 32. Fixed the issue that DUT stays in 'Held' even call is disconnected.

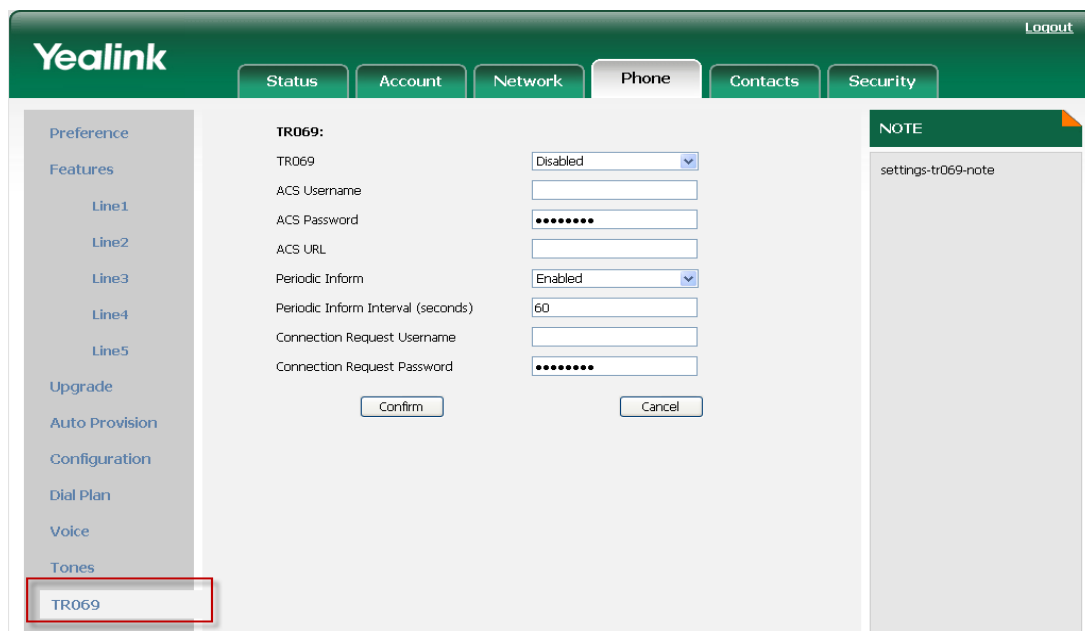
5. New Features instructions:

1. Added TR069 feature.

Description: The usage is consistent with V71. The server manages and configures the Phone, then the Phone downloads the configuration.

Detail: For more details, please refer to Yealink TR-069 Technote.pdf.

Path: Phone->TR069



Here is the configuration of Auto Provisioning(M7):

#!version:1.0.0.1

managementserver.enable =

managementserver.username =

managementserver.password =

managementserver.url =

managementserver.periodic_inform_enable =
managementserver.periodic_inform_interval =
managementserver.connection_request_username =
managementserver.connection_request_password =

2 . Added AutoP Code feature.

Description: The usage is consistent with V71, the handset dials out AutoP Code to trigger AutoP. The handset dials out the AutoP Code without registered account, and then the phone will download the AutoP configuration files.

Note: Please do not perform any action in handset when Auto Provisioning.

Detail: For more details, please refer to

Yealink_Auto_Provisioning_User_Guide_V71_110.pdf

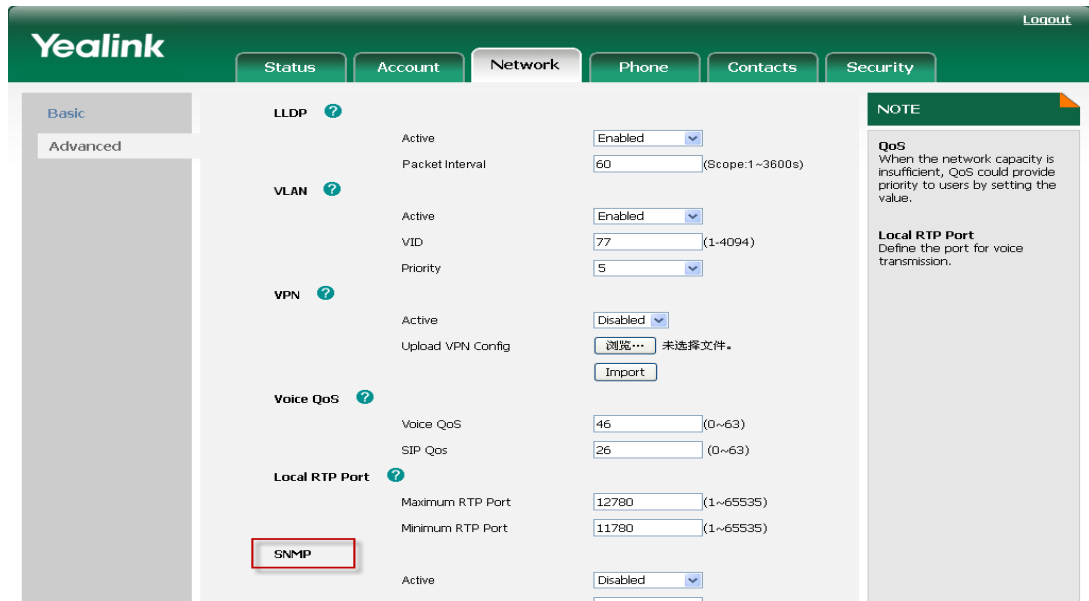
Here is the configuration of Auto Provisioning(M7):

```
#!version:1.0.0.1  
autoprovision.x.name =  
autoprovision.x.code =  
autoprovision.x.url =  
autoprovision.x.user =  
autoprovision.x.password =  
autoprovision.x.com_aes =  
autoprovision.x.mac_aes =
```

3 . Added SNMP feature.

Description: The usage is consistent with V71, the manager gets phone's information through SNMP for operating the phone.

Path: Network->Advanced->SNMP.



4. Added Auto Intercom feature.

Description:

Before you use this feature, please ensure that only one account and only one handset are registered with one Base.

When you enable this feature in handset (Settings->Telephony->Auto Intercom), if other phones call to this account using format of "Intercom Code + desired Extension", the handset will automatically answer with a beep and this Intercom call will be in hands-free status.

5. **Added Repeater feature.** (Note: Only if the Base and Handset have upgraded to the latest software 25.30.0.40 and 26.30.0.40 can use the Repeater feature.)

Description: Yealink DECT repeater can be deployed to extend the range of the W52P IP DECT phone to cover areas where reception was previously not available. This feature is especially useful to users who require mobility in large dwellings.

Detail: Enable Repeater mode with the handset

(Settings->System Settings->Repeater Mode), and register the Repeater into the Base. Then find a good location to achieve optimum performance for the repeater.

For more details, please refer to 'Yealink DECT Repeater RT10 User Guide.pdf'.

6. Optimization instructions:

1. Optimized code of software.

Description: Optimized code of software.

2. Optimized the logic when performing a factory reset.

Description: Handset path: Menu->Setting->System Settings->Base Reset, WEB Path: Phone->Upgrade->Reset to Factory.

When resetting to factory through above methods, only PIN Code and all the Handset's registration information will be kept; other configuration will be reset to factory.

3. Modified the logic of Anonymous Call feature.

Description: WEB path: Account->Basic, options 'Anonymous Call' and 'Anonymous Call Rejection' are used to enable/disable Anonymous Call and Anonymous Call Rejection features in the phone side.

WEB path: Phone->Features, option 'Anonymous Call code' and 'Anonymous Call Rejection Code' are used to enable/disable Anonymous Call and Anonymous Call Rejection features in the server side.

4. Optimized Warning tone.

Description:

1. There is no warning tone when the handset is out of the range of Base.

2. When Low Battery Alert Tone is on, if the battery is below 10% or 5%, comfortable voice will be sent out as well as prompt 'Battery Low' and note that press any key can stop the warning tone. Without being charged, warning tone will only be displayed two times (10% and 5%) from 100% to 0%, the interval of the two warning tones should be not less than 5 minutes.

5. Optimized the base's flash in the hardware, modified the software to be compatible with.

Description: Optimized the base's flash in the hardware, modified the software to be compatible with.

Yealink W52P Release Notes of Version 25.30.0.20

1. Introduction

Product Name: DECT-W52P

Firmware Version: Base version: 25.20.0.10 upgrade to 25.30.0.20

Release Date: April 25th, 2013

2. New Features

1. Added Broadworks Personal Network Directory, this feature is supported by Broadworks Xtended Services Interface.

3. Optimization

1. Optimized the speed of loading Contacts and Call History.

4. Bug Fixes

1. Fixed DTMF function doesn't work in some special situations.
2. Fixed the issue that the W52P only tries to download the first batch of contacts even if the server inform the W52P the whole contact list is not fully downloaded.
3. Fixed the issue that in DHCP VLAN environment, W52P fails booting up because of the LLDP message sent by the phone is not correct.
4. Fixed the issue that in some cases, when the call ended, on the screen, the second section of call time is displayed as 7-digit number.
5. Fixed the issue that when W52P dials some numbers, there is no ring back tone.
6. Fixed the issue when the Caller ID is too long, it is not fully displayed; the fix is display the Caller ID in two lines.
7. Fixed the issue when the Auto Provisioning URL is from the RPS server, W52P doesn't try to get the configuration files although the Handset LCD displays

‘updating...’

8. Fixed the issue that in some cases the configuration changes and requires reboot, the phone doesn't display a prompt as 'The setting needs a reboot, Reboot now or not'.
9. Fixed handset does not work well when the handset sets After Ring Time of Broadsoft no answer forward to some certain value no answer forward.
10. Fixed W52P can't accept the PBX Auto Intercom or Paging issue.
11. Fixed the issue that when making the screensaver and backlight settings as enabled, no matter which key you press, the first action is only activating the screen while not affect directly.
12. Fixed the language issue that after importing CSV phonebook, the screen display 'The operator is done' change to display 'The operation is complete'.
13. Fixed the issue that when long press '*', it will not disable all the ring tones.
14. Fixed the issue that when Screen Saver and the Keyboard Lock are enabled, long press hook off, screen will display that the clock interface and the idle interface are overlapping.
15. Fixed the issue that sometimes when you are making a transfer of a call from handset1 to handset2 (same base), you can hear both the MOH and the ring-back tone.
16. Fixed the issue that when the codec is G722 or G711A while doing the call transfer, the MOH (music on hold) will be distorted.
17. Fixed the issue that when handset is busy and reject a call, the second caller doesn't display Busy Here (486).
18. Fixed the issue that after a reboot of the base or the handset, sometimes the system information like 'Initializing data' remains in the display of the handset.

5. New Features instructions:

1. Added Broadworks Personal Network Directory, this feature is supported by Broadworks Xtended Services Interface.

Description: In Network Directory, add personal specific group, could Add, Adit, Delete.

Path: Contracts Network Directory

The screenshot shows the Yealink web interface with the 'Contacts' tab selected. The left sidebar contains 'Contacts', 'Remote Phone Book', and 'Network Directory'. The main content area is divided into 'XSI' and 'Directory' sections. The 'XSI' section has three input fields: 'XSI Server', 'XSI Username', and 'XSI Password', each with a help icon. The 'Directory' section has five dropdown menus: 'Group' (Enable), 'GroupCommon' (Disable), 'Enterprise' (Disable), 'EnterpriseCommon' (Disable), and 'Personal' (Disable). The 'Personal' dropdown is highlighted with a red box. Below these are 'Update Time Interval(60-86400) (Minutes)' set to 1440 and 'Network Call Log' set to Disabled. At the bottom are 'Confirm' and 'Cancel' buttons. A 'NOTE' sidebar on the right contains 'Network Directory'.

6. Optimization instructions:

1. Optimized the speed of loading contacts and call history.