

Configuration Guide for User Access Level of Web/Phone User Interface

Overview

User access level feature is used to achieve different access levels for different authorized users. It is useful for protecting the IP phone from unauthorized configuration, and popularly used for the Hosted PBX solution. The following describes how to customize the access permission for configurations on the web user interface and phone user interface.

The information provided in this guide applies to Yealink SIP-T4X IP phones with firmware version 72 or later. It is also applicable to SIP-T46G/T42G/T41P IP phones with firmware version 71.

Scenario

For a Hosted PBX solution, IP phones are provided to customers for free but required a minimum consumption monthly. All PBX services associated features on the deployed IP phones are preconfigured to avoid customers from using other Hosted PBX's service, and the Hosted PBX system administrator can restrict the user access permission using user access level feature. For example, the Hosted PBX system administrator restricts the write permission of the account associated configurations. This means customers can only read these configurations on both web user interface and phone user interface.

Introduction

Yealink SIP-T4X IP phones support access levels of admin, var and user. The following describes the detailed information of each access level:

- **Admin:** The administrator access level. With this access level, all configurations on both web user interface and phone user interface can be read and written. The authentication identity for this access level is **admin**.
- **Var:** The value-added reseller access level. Generally, with this access level, most configurations on the web user interface and phone user interface can be read and written. The authentication identity for this access level is **var**.
- **User:** The end user access level. Generally, only a few configurations are allowed to be written and read for access user. The authentication identity for this access

level is **user**.

Specification

Access permissions of all configuration items available on Yealink SIP-T4X IP phones' web user interface and phone user interface can be defined in a fixed `WebItemsLevel.cfg` file. Each configuration item in the file is formatted as:

ItemName = X₁X₂

X₁ is used for specifying the access level. The valid values include 0, 1 and 2, respectively corresponding to the access levels: 2 = admin, 1 = var, 0 = user.

X₂ is used for defining the access permission. The valid values include 1 and 2. 2 means the configuration item is read-only for X₁ and higher access levels. 1 means the configuration item is read-only for X₁ access level, and writable for higher access levels. If X₂ does not exist, the configuration item is visible for X₁ and higher access levels.

The following table lists the possible values of X₁X₂:

Value of X ₁ X ₂	Description
0	This configuration item is visible for admin, var and user access levels.
1	This configuration item is visible for admin and var access levels.
2	This configuration item is visible for admin access level only.
01	This configuration item is read-only for user access level, but is writable for admin and var access levels.
02	This configuration item is read-only for var and user access levels, but is writable for admin access level.
11	This configuration item is read-only for var access level, but is writable for admin access level.
12	This configuration item is read-only for var access level, but is writable for admin access level. Note: The admin access level has full read and write permissions. So in this case, the configuration item is still writable for admin access level.

Application

Customizing WebItemslevel.cfg

You can contact Yealink Field Application Engineer for the file “WebItemslevel.cfg”, or you can download it online:

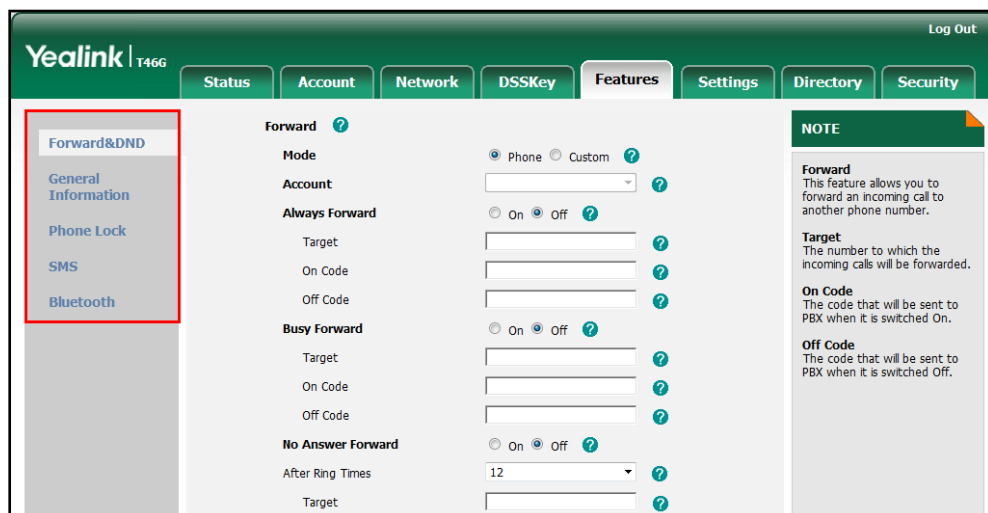
<http://www.yealink.com/DocumentDownload.aspx?CatId=142&flag=142>.

The following shows configuration segments in the WebItemsLevel.cfg file for reference:

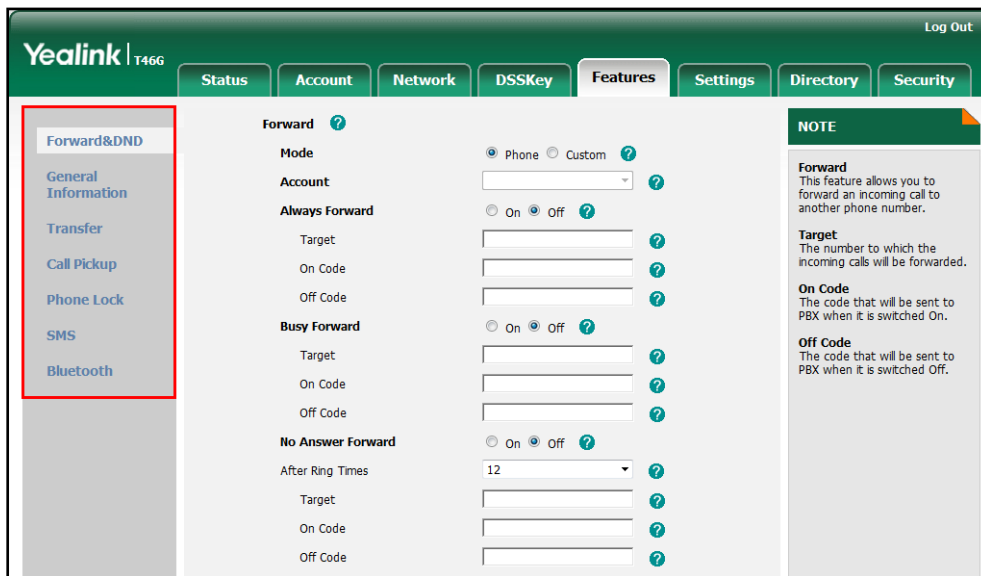
Sample 1: Configuration items in the WebItemsLevel.cfg for navigation bar settings of the Features page:

```
[ Features ]
features-forward = 0
features-general = 0
features-audio = 2
features-intercom = 2
features-transfer = 1
features-callpickup = 1
features-remote = 2
features-phonelock = 0
features-acd = 2
features-sms = 0
features-actionurl = 2
features-bluetooth = 0
```

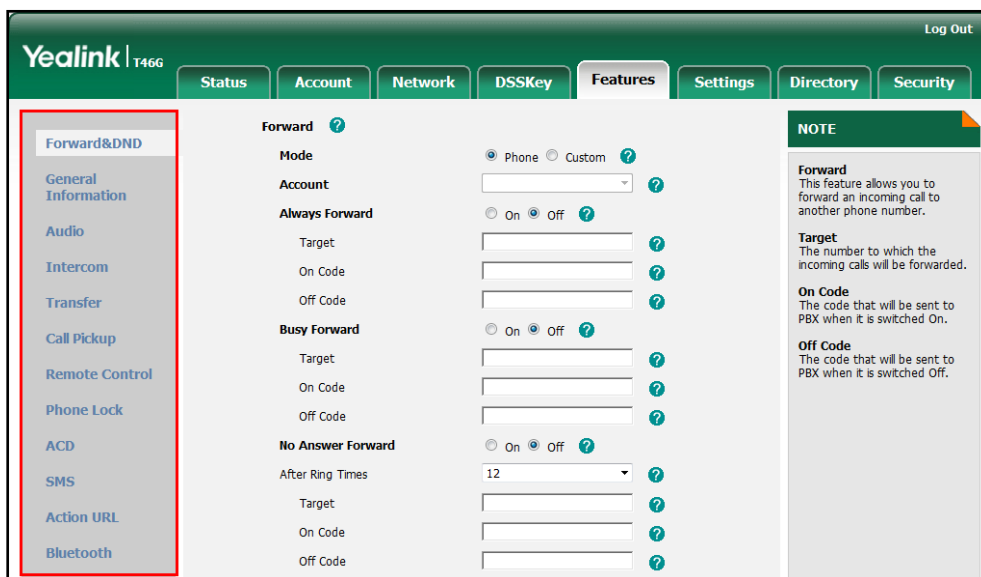
According to the above configuration of access level, when logging in the web user interface with user access level, the web user interface displays as below:



When logging in the web user interface with var access level, the web user interface displays as below:



When logging in the web user interface with admin access level, the web user interface displays as below:



Note: Configuration items for navigation bar are not writable on both web user interface and phone user interface. So, configuration items for navigation bar can be configured only using the format "ItemName = X₁".

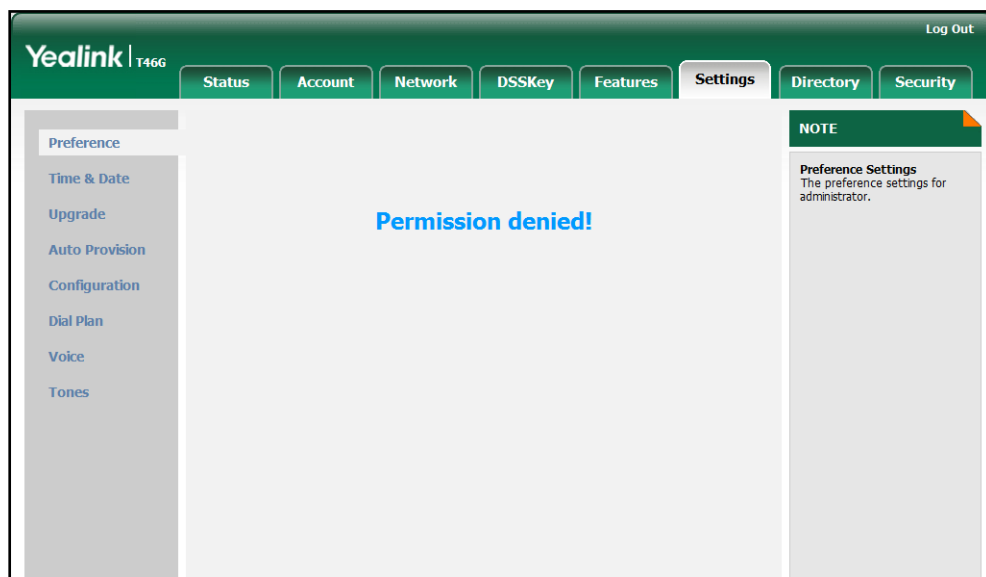
If the access permission of the first navigation configuration item for each main page is restricted, the access to the main web page will be denied.

The following table lists the first navigation configuration items for each main page:

Main Page	First Navigation Item	Configuration Item
Account	Register	account-register

Main Page	First Navigation Item	Configuration Item
Network	Basic	network-basic
DSSKey	Line Key 1-9	linekey
Features	Forward&DND	features-forward
Settings	Preference	settings-preference
Directory	Local Directory	contacts-basic
Security	Password	password

For example, set the value of the configuration item “settings-preference” to be 1. When logging into with user access level, the access to the Settings web page will be denied.

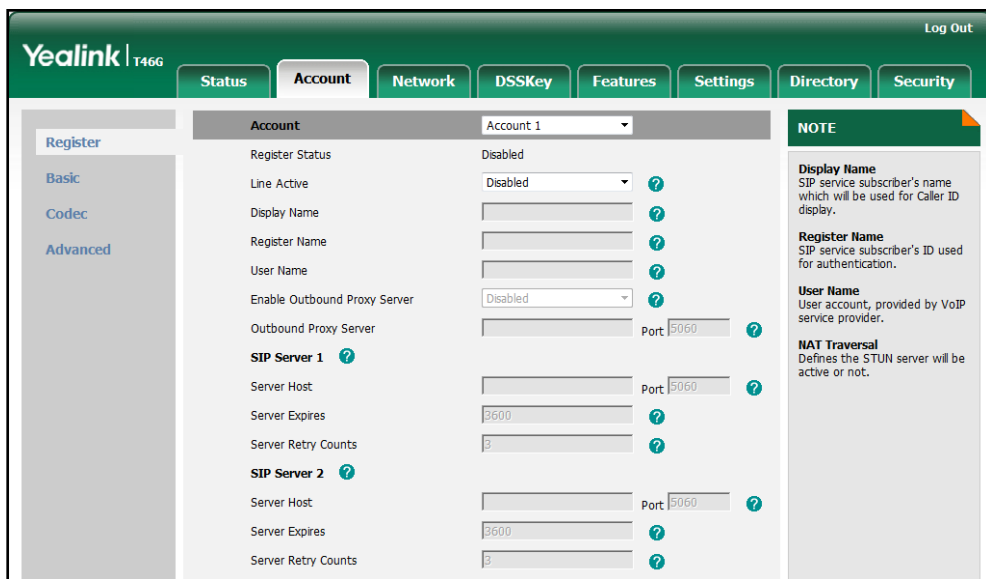


Sample2: Configuration items in the WebItemsLevel.cfg for the Register settings of Account page:

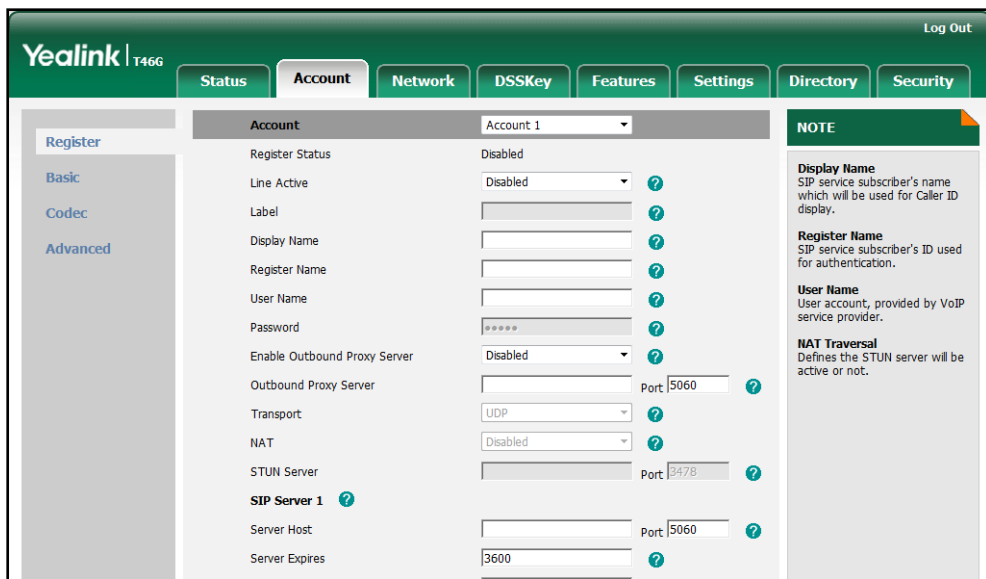
```
[ Account-Register ]
account_status = 0
line_active = 0
account_label = 11
display_name = 01
register_name = 01
user_name = 01
sip_server = 01
account_password = 12
enabled-outbound-proxy-server = 01
outbound-proxy-server = 01
transport-item = 11
NAT_traversal = 12
STUN_server = 12
```

According to the above configuration of access level, when logging in the web user

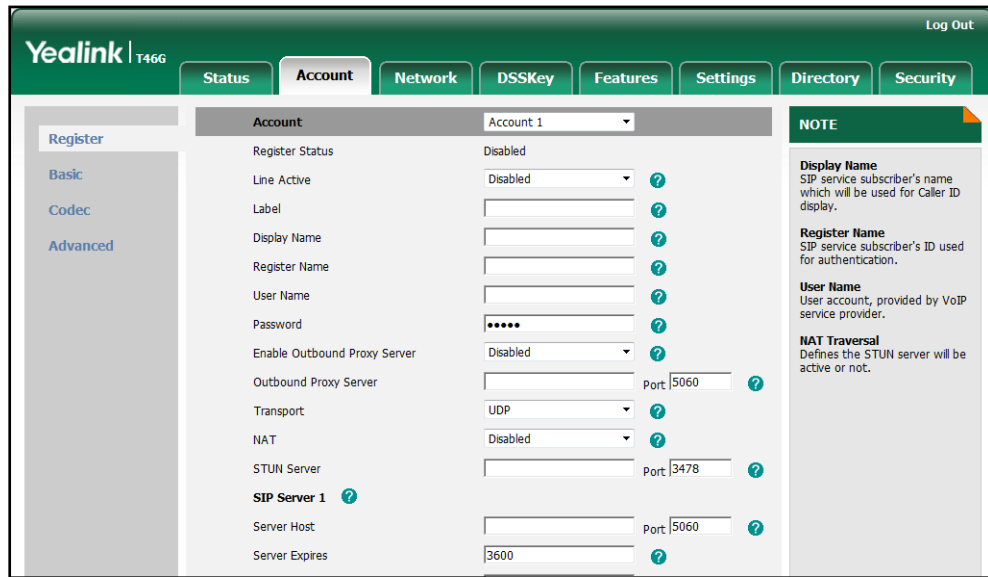
interface with user access level, the web user interface displays as below:



When logging in the web user interface with var access level, the web user interface displays as below:



When logging in the web user interface with admin access level, the web user interface displays as below:



For more information on parameters of the WebItemsLevel.cfg file, refer to [Appendix-A: Configuration Parameters](#).

Configuring Yealink IP Phones

User access level feature is disabled for Yealink SIP-T4X IP phones in neutral firmware version by default. Before using this feature, you need to enable it through auto provisioning introduced as following.

To configure user access level feature for Yealink SIP-T4X IP phones:

1. Edit the following parameters in the configuration file (e.g., y000000000028.cfg)

Parameter	Description	Value
security.var_enable	This parameter is used to enable or disable the login of the web/phone user interface with different access levels. 0 -Disabled 1 -Enabled The default value is 0.	0,1
web_item_level.url	This parameter is used to configure the access URL of the WebItemsLevel.cfg file. It takes effect after reboot.	FTP, TFTP, HTTP or HTTPS download URL

The parameter settings in the configuration file for reference are shown as below:

```
security.var_enable = 1
```

```
web_item_level.url = ftp://192.168.1.100/download/WebItemslevel.cfg
```

2. Upload the configuration file to the directory of the provisioning server.

For more information on auto provisioning Yealink IP phones, refer to

Yealink_SIP-T2_Series_T19P_T4_Series_IP_Phones_Auto_Provisioning_Guide_V72_2.

When the user access level is enabled, you can login the web/phone user interface with different access levels.

To login the web user interface with different access levels:

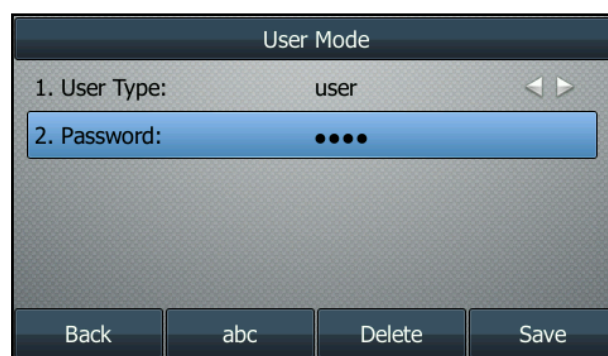
1. Press the **OK** key when the phone is idle to obtain the IP address.
2. Enter the IP address (e.g., http://192.168.0.10 or 192.168.0.10) in the address bar of web browser on your PC and then press the **Enter** key.
3. Enter the name of access level and password in the login page.
4. Click **Confirm** to login.

The passwords of var and user must be preset by administrator. Contact your system administrator for more information.

When logging in with different access levels, you can see different permissions of web user interface.

To login the phone user interface with different access levels:

1. Press **Menu->User Mode**.
2. Press **←** or **→** , or the **Switch** soft key to select the desired access level in the **User Type** field.
3. Enter the password in the **Password** field.



4. Press the **Save** soft key to accept the change.


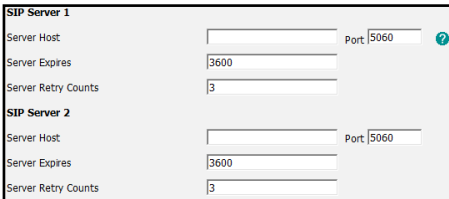
The passwords of var and user must be preset by administrator. Contact your system administrator for more information.

You can see different permissions of phone user interface when logging in with different access levels.

Appendix-A : Configuration Parameters

The following table lists configuration items in the WebItemslevel.cfg file with associated configurations on the web user interface:

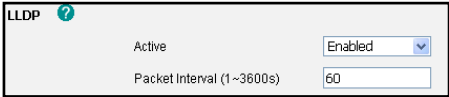
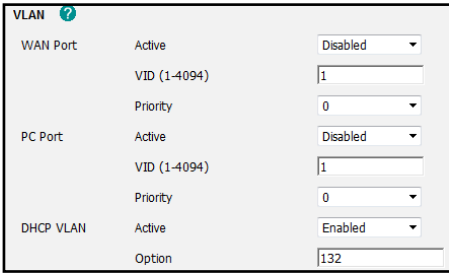

Section Header	Parameters and Default Value	the Path of Web User Interface														
[Status]	version = 0	Status->Version <table border="1"> <tr> <td colspan="2">Version ?</td> </tr> <tr> <td>Firmware Version</td> <td>28.71.0.155</td> </tr> <tr> <td>Hardware Version</td> <td>28.1.0.128.0.0.0</td> </tr> </table>	Version ?		Firmware Version	28.71.0.155	Hardware Version	28.1.0.128.0.0.0								
	Version ?															
	Firmware Version	28.71.0.155														
	Hardware Version	28.1.0.128.0.0.0														
	AccountStatus = 0	Status->Account Status <table border="1"> <tr> <td colspan="2">Account Status ?</td> </tr> <tr> <td>Account1</td> <td>1010@10.2.1.199 : Registered</td> </tr> <tr> <td>Account2</td> <td>Disabled</td> </tr> <tr> <td>Account3</td> <td>Disabled</td> </tr> <tr> <td>Account4</td> <td>Disabled</td> </tr> <tr> <td>Account5</td> <td>Disabled</td> </tr> <tr> <td>Account6</td> <td>Disabled</td> </tr> </table>	Account Status ?		Account1	1010@10.2.1.199 : Registered	Account2	Disabled	Account3	Disabled	Account4	Disabled	Account5	Disabled	Account6	Disabled
	Account Status ?															
Account1	1010@10.2.1.199 : Registered															
Account2	Disabled															
Account3	Disabled															
Account4	Disabled															
Account5	Disabled															
Account6	Disabled															
network = 0	Status->Network <table border="1"> <tr> <td colspan="2">Network ?</td> </tr> <tr> <td>Internet Port</td> <td>IPv4 & IPv6</td> </tr> </table>	Network ?		Internet Port	IPv4 & IPv6											
Network ?																
Internet Port	IPv4 & IPv6															
IPv4 = 0	Status->IPv4 <table border="1"> <tr> <td colspan="2">IPv4 ?</td> </tr> <tr> <td>WAN Port Type</td> <td>DHCP</td> </tr> <tr> <td>WAN IP Address</td> <td>10.3.6.205</td> </tr> <tr> <td>Subnet Mask</td> <td>255.255.255.0</td> </tr> <tr> <td>Gateway</td> <td>10.3.6.254</td> </tr> <tr> <td>Primary DNS</td> <td>192.168.1.167</td> </tr> <tr> <td>Secondary DNS</td> <td>192.168.1.166</td> </tr> </table>	IPv4 ?		WAN Port Type	DHCP	WAN IP Address	10.3.6.205	Subnet Mask	255.255.255.0	Gateway	10.3.6.254	Primary DNS	192.168.1.167	Secondary DNS	192.168.1.166	
IPv4 ?																
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WAN IP Address	10.3.6.205															
Subnet Mask	255.255.255.0															
Gateway	10.3.6.254															
Primary DNS	192.168.1.167															
Secondary DNS	192.168.1.166															
IPv6 = 0	Status->IPv6 <table border="1"> <tr> <td colspan="2">IPv6 ?</td> </tr> <tr> <td>WAN Port Type</td> <td>DHCP</td> </tr> <tr> <td>WAN IP Address</td> <td>2006:1:1:1:215:65ff:fe45:6e47/64</td> </tr> <tr> <td>Gateway</td> <td>2006:1:1:1::/64</td> </tr> <tr> <td>Primary DNS</td> <td>::</td> </tr> <tr> <td>Secondary DNS</td> <td>::</td> </tr> </table>	IPv6 ?		WAN Port Type	DHCP	WAN IP Address	2006:1:1:1:215:65ff:fe45:6e47/64	Gateway	2006:1:1:1::/64	Primary DNS	::	Secondary DNS	::			
IPv6 ?																
WAN Port Type	DHCP															
WAN IP Address	2006:1:1:1:215:65ff:fe45:6e47/64															
Gateway	2006:1:1:1::/64															
Primary DNS	::															
Secondary DNS	::															
NetworkCommon = 0	Status->Network Common <table border="1"> <tr> <td colspan="2">Network Common ?</td> </tr> <tr> <td>MAC Address</td> <td>001565456e47</td> </tr> <tr> <td>Link Status</td> <td>Connected</td> </tr> <tr> <td>Device Type</td> <td>Bridge</td> </tr> </table>	Network Common ?		MAC Address	001565456e47	Link Status	Connected	Device Type	Bridge							
Network Common ?																
MAC Address	001565456e47															
Link Status	Connected															
Device Type	Bridge															

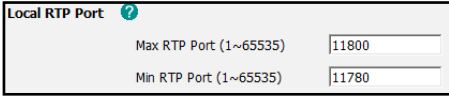
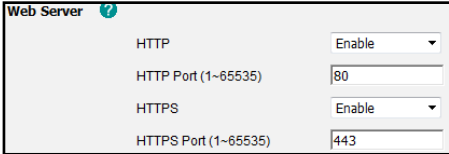
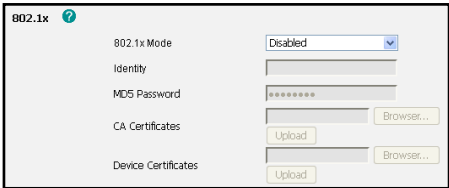

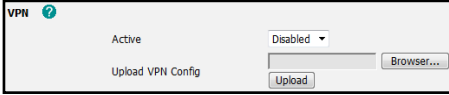

Section Header	Parameters and Default Value	the Path of Web User Interface
	Ext = 0 (not applicable to SIP-T42G/T41P IP phones)	Status->Ext 
[Account]	account-register = 0	Account->Register (the whole page)
	account-basic = 0	Account->Basic (the whole page)
	account-codec = 0	Account->Codec (the whole page)
	account-adv = 0	Account->Advanced (the whole page)
[Account-Register]	account_status = 0	Account->Register-> Register Status
	line_active = 0	Account->Register->Line Active
	account_label = 0	Account->Register->Label
	display_name = 0	Account->Register->Display Name
	register_name = 01	Account->Register->Register Name
	user_name = 01	Account->Register->User Name
	account_password = 2	Account->Register->Password
	enabled-outbound-proxy-server = 01	Account->Register->Enable Outbound Proxy Server
	outbound-proxy-server = 01	Account->Register->Outbound Proxy Server
	transport-item = 2	Account->Register->Transport
	NAT_traversal = 2	Account->Register->NAT
	STUN_server = 2	Account->Register->STUN Server
sip_server = 01	Account->Register->SIP Server 1/2 	
[Account-Basic]	proxy_require = 0	Account->Basic->Proxy Require
	send_anonymous = 1	Account->Basic-> Local Anonymous

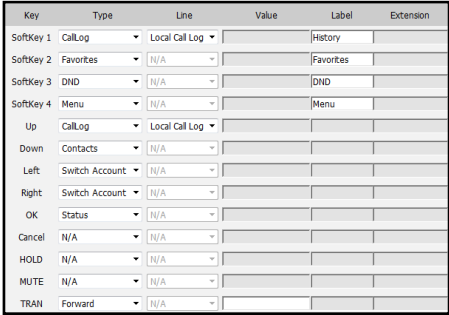
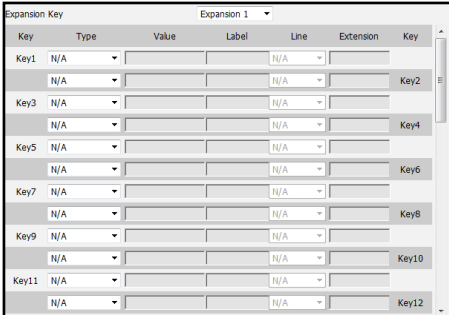
Section Header	Parameters and Default Value	the Path of Web User Interface
	(for SIP-T48G) send_anonymous = 0 (for SIP-T46G/T42G/ T41P)	
	anonymous_call_enabled = 0	Account->Basic->Send Anonymous Code
	anonymous_call_OnCode = 1	Account->Basic->On Code
	anonymous_call_OffCode = 1	Account->Basic->Off Code
	anonymous_rejection_enabled = 0	Account->Basic->Anonymous Call Rejection
	anonymous_rejection_OnCode = 1	Account->Basic->On Code
	anonymous_rejection_OffCode = 1	Account->Basic->Off Code
	misscall-log = 0	Account->Basic->Missed Call Log
	auto-answer = 0	Account->Basic->Auto Answer
	ring-type = 0	Account->Basic->Ring Type
[Account-Adv]	UDP_keep-alive = 2	Account->Advanced->Keep Alive Type Account->Advanced->Keep Alive Interval (Seconds)
	local-SIP-port = 2	Account->Advanced->Local SIP Port
	rport = 2	Account->Advanced->RPort
	sip-session-timer = 2	Account->Advanced->SIP Session Timer T1 (0.5~10s) Account->Advanced->SIP Session Timer T2 (2~40s) Account->Advanced->SIP Session Timer T4 (2.5~60s)
	subscribe-period = 2	Account->Advanced->Subscribe Period (Seconds)


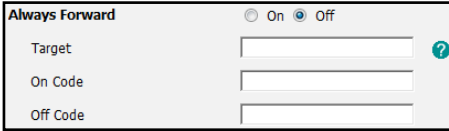
Section Header	Parameters and Default Value	the Path of Web User Interface
	DTMF_items = 2	Account->Advanced->DTMF Type Account->Advanced->DTMF Info Type Account->Advanced->DTMF Payload Type (96~127)
	reliable_retransmission = 2	Account->Advanced->Retransmission
	MWI-items = 2	Account->Advanced->Subscribe for MWI Account->Advanced->MWI Subscription Period (Seconds) Account->Advanced->Subscribe MWI To Voice Mail
	voice_mail = 0	Account->Advanced->Voice Mail
	caller-ID-header = 2	Account->Advanced->Caller ID Source
	use-session-timer = 2	Account->Advanced-> Session Timer
	session-timer = 2	Account->Advanced->Session Expires (30~7200s)
	session-refresher = 2	Account->Advanced->Session Refresher
	user-equal-phone = 2	Account->Advanced->Send user=phone
	voice-encryption = 2	Account->Advanced->RTP Encryption (SRTP)
	ptime-item = 2	Account->Advanced->PTime (ms)
	BLF-list-URI = 2	Account->Advanced->BLF List URI
	BlfListCode = 2	Account->Advanced->BLF List Pickup Code
	share-line = 2	Account->Advanced->Shared Line
	dialog-info-call-pickup = 2	Account->Advanced->Dialog Info Call Pickup

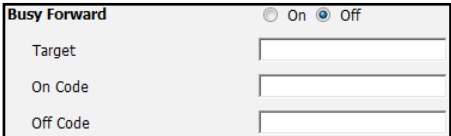
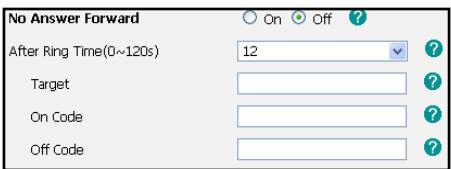
Section Header	Parameters and Default Value	the Path of Web User Interface
	BLA-number = 2	Account->Advanced->BLA Number
	BLA-subscription-period = 2	Account->Advanced->BLA Subscription Period
	SIP-send-MAC = 2	Account->Advanced->SIP Send MAC
	SIP-send-line = 2	Account->Advanced->SIP Send Line
	SIP-Reg-retry-timer = 2	Account->Advanced->SIP Registration Retry Timer (0~1800s)
	conference-type = 2	Account->Advanced->Conference Type
	conference-uri = 2	Account->Advanced->Conference URI
	ACD-subscrip-period = 2	Account->Advanced->ACD Subscrip Period (120~3600s)
	SIPServerType = 2	Account->Advanced->SIP Server Type
	Earlymedia = 2	Account->Advanced->Early Media
	Music-ServerURI = 2	Account->Advanced->Music Server URI
	BLFListBargeInCode = 2	Account->Advanced->BLF List Barge In Code
	Direct-Call-Pickup-Code = 2	Account->Advanced->Directed Call Pickup Code
	Group-Call-Pickup-Code = 2	Account->Advanced->Group Call Pickup Code
	Distinctive-Ring-Tones = 2	Account->Advanced->Distinctive Ring Tones
	UnregisterOnReboot = 2	Account->Advanced->Unregister When Reboot
	Out-Dialog-BLF = 2	Account->Advanced->Out Dialog BLF
[Network]	network-basic = 0	Network->Basic (the whole page)
	network-pcport = 0	Network->PC Port (the whole page)
	network-advanced = 0	Network->Advanced (the whole page)

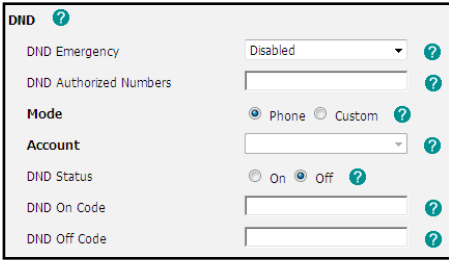
Section Header	Parameters and Default Value	the Path of Web User Interface
[Network-Basic]	ipaddress-mode = 0 (for SIP-T48G) ipaddress-mode = 2 (SIP-T46G/T42G/T41P)	Network->Basic->Internet Port->Mode (IPv4/IPv6)
	ipv4config = 0 (for SIP-T48G) ipv4config = 2 (SIP-T46G/T42G/T41P)	Network->Basic-> IPv4 Config
	ipv6config = 0 (for SIP-T48G) ipv6config = 2 (SIP-T46G/T42G/T41P)	Network->Basic-> IPv6 Config
	wan-ppoe = 1 (for SIP-T48G) wan-ppoe = 0 (for SIP-T46G) (not applicable to SIP-T42G/T41P IP phones)	Network->Basic->PPPoE Network->Basic->PPPoE User Name Network->Basic->PPPoE Password
[Network-Advanced]	LLDP-items = 2	Network->Advanced->LLDP 
	VLAN-items = 2	Network->Advanced->VLAN 
	voice-QoS = 2	Network->Advanced->Voice QoS 
	local-RTP-port = 2	Network->Advanced->Local RTP Port

Section Header	Parameters and Default Value	the Path of Web User Interface
		 <p>Local RTP Port ? Max RTP Port (1~65535) <input type="text" value="11800"/> Min RTP Port (1~65535) <input type="text" value="11780"/></p>
	web-server = 2	Network->Advanced->Web Server  <p>Web Server ? HTTP <input type="text" value="Enable"/> HTTP Port (1~65535) <input type="text" value="80"/> HTTPS <input type="text" value="Enable"/> HTTPS Port (1~65535) <input type="text" value="443"/></p>
	8021x = 2	Network->Advanced->802.1x  <p>802.1x ? 802.1x Mode <input type="text" value="Disabled"/> Identity <input type="text"/> MDS Password <input type="password" value="*****"/> CA Certificates <input type="text"/> <input type="button" value="Browser..."/> Device Certificates <input type="text"/> <input type="button" value="Upload"/></p>
	SNMP-items = 2 (not applicable to SIP-T46G/T42G/T41P IP phones)	Network->Advanced->SNMP  <p>SNMP ? Active <input type="text" value="Enabled"/> Port (1~65535) <input type="text" value="161"/> Trusted Address <input type="text" value="0.0.0.0"/></p>
	open-VPN = 2	Network->Advanced->VPN  <p>VPN ? Active <input type="text" value="Disabled"/> Upload VPN Config <input type="text"/> <input type="button" value="Browser..."/> <input type="button" value="Upload"/></p>
	port-link = 2	Network->Advanced->Port Link  <p>Port Link ? WAN Port Link <input type="text" value="Auto Negotiate"/> PC Port Link <input type="text" value="Auto Negotiate"/></p>
	span-to-pc-port = 2	Network->Advanced->Span to PC
	reg-surge-prev = 2	Network->Advanced->Registration Random
	ICMPv6_Status =2 (not applicable to SIP-T42G/T41P IP phones)	Network->Advanced-> ICMPv6 Status
[DSSKey]	linekey = 0	DSSKey->Line Key (the whole page)
	programmablekey = 0	DSSKey->Programmable Key (the whole page)
	extkey = 0	DSSKey->Ext Key (the whole page)

Section Header	Parameters and Default Value	the Path of Web User Interface
	(not applicable to SIP-T42G/T41P IP phones)	
[ProgramKey]	programmable-key = 0	DSSKey->Programmable Key 
[LineKey]	line-key = 0	DSSKey->Line Key
[ExtKey] (not applicable to SIP-T42G/T41P IP phones)	ext-key = 0	DSSKey->Ext Key 
[Features]	features-forward = 0	Features->Forward & DND (the whole page)
	features-general = 0	Features->General Information (the whole page)
	features-audio = 0	Features->Audio (the whole page)
	features-intercom = 0	Features->Intercom (the whole page)
	features-transfer = 0	Features->Transfer (the whole page)
	features-callpickup = 0	Features->Call Pickup (the whole page)
	features-remote = 0 (for SIP-T46G/T42G/T41P) features-remote = 2 (for SIP-T48G)	Features->Remote Control (the whole page)
features-phonelock =	Features->Phone Lock (the whole	

Section Header	Parameters and Default Value	the Path of Web User Interface
	0 (for SIP-T46G/T42G/T41P) features-phonelock = 2 (for SIP-T48G)	page)
	features-acd = 0 (for SIP-T46G/T42G/T41P) features-acd = 2 (for SIP-T48G)	Features->ACD (the whole page)
	features-sms = 0 (not applicable to SIP-T48G/T42G/T41P IP phones)	Features->SMS (the whole page)
	features-actionurl = 2	Features->Action URL (the whole page)
	features-bluetooth = 0 (not applicable to SIP-T42G/T41P IP phones)	Features->Bluetooth (the whole page)
	features-powered = 1	Features->Power LED (the whole page)
[Forward&DND]	head-forward = 0	Features->Forward & DND-> Forward 
	forward-mode = 01	Features->Forward & DND->Forward->Mode
	forward-account = 01	Features->Forward & DND->Forward->Account
	always-forward = 0	Features->Forward & DND->Always Forward 
	always-forward-enabled = 0	Features->Forward & DND->Always Forward On/Off
	always-forward-target = 0	Features->Forward & DND->Target

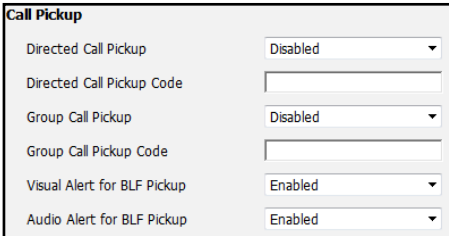
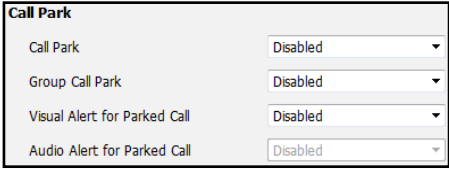
Section Header	Parameters and Default Value	the Path of Web User Interface
	always-forward-OnCode = 0	Features->Forward & DND->On Code
	always-forward-OffCode = 0	Features->Forward & DND->Off Code
	busy-forward = 0	Features->Forward & DND->Busy Forward 
	busy-forward-enabled = 0	Features->Forward & DND->Busy Forward On/Off
	busy-forward-target = 0	Features->Forward & DND->Target
	busy-forward-OnCode = 0	Features->Forward & DND->On Code
	busy-forward-OffCode = 0	Features->Forward & DND->Off Code
	NoAnswer-forward = 0	Features->Forward & DND->No Answer Forward 
	NoAnswer-forward-enabled = 0	Features->Forward & DND->No Answer Forward On/Off
	NoAnswer-forward-ringtimes = 0	Features->Forward & DND->After Ring Time(0~120s)
	NoAnswer-forward-target = 0	Features->Forward & DND->Target
	NoAnswer-forward-OnCode = 0	Features->Forward & DND->On Code
	NoAnswer-forward-OffCode = 0	Features->Forward & DND->Off Code
	DND = 0	Features->Forward & DND

Section Header	Parameters and Default Value	the Path of Web User Interface
		
	DND-Emergency = 0	Features->Forward & DND->DND Emergency
	DND-Authorized-Numbers = 0	Features->Forward & DND->DND Authorized Numbers
	DND-mode = 01	Features->Forward & DND->DND->Mode
	DND-account = 01	Features->Forward & DND->DND->Account
	DND-Status = 01	Features->Forward & DND->DND Status
	DND-OnCode = 01	Features->Forward & DND->DND On Code
	DND-OffCode = 01	Features->Forward & DND->DND Off Code
[General-Information]	call_waiting = 0	Features->General Information->Call Waiting
		Features->General Information->Call Waiting On Code
		Features->General Information->Call Waiting Off Code
	auto-redial = 0	Features->General Information->Auto Redial
	auto_redial_interval = 0	Features->General Information->Auto Redial Interval(1~300s)
	auto_redial_times = 0	Features->General Information->Auto Redial Times (1~300)
	key_as_send = 0	Features->General Information->Key As Send
	reserve-pound = 2	Features->General Information->

Section Header	Parameters and Default Value	the Path of Web User Interface
		Reserve # in User Name
	hotline-number = 0	Features->General Information->Hotline Number
	hotline-delay = 0	Features->General Information->Hotline Delay(0~10s)
	busytone_delay = 0	Features->General Information->Busy Tone Delay (Seconds)
	return-code-refuse = 0	Features->General Information->Return Code When Refuse
	return-code-DND = 0	Features->General Information->Return Code When DND
	call_completion = 0	Features->General Information->Call Completion
	TimeOut-for-DialNow = 0	Features->General Information->Time-Out for Dial-Now Rule
	RFC-2543-Hold = 2	Features->General Information->RFC 2543 Hold
	use-outbound-in-dialog = 2	Features->General Information->Use Outbound Proxy In Dialog
	IsDeal-180 = 2	Features->General Information->180 Ring Workaround
	logon-wizard = 2	Features->General Information->Logon Wizard
	PswPrefix = 2	Features->General Information->PswPrefix
	PswLength = 2	Features->General Information->PswLength
	PswDial = 2	Features->General Information->PswDial
	DTMFRepetition = 0	Features->General Information->DTMF Repetition
	feature-key-synchronization = 0	Features->General Information->Feature Key Synchronization
	ClosePowerLight = 0	Features->General

Section Header	Parameters and Default Value	the Path of Web User Interface
	(applicable to SIP-T46G/T42G/T41P IP phone with V71 firmware)	Information->Close Power Light
	MulticastCodec = 0	Features->General Information->Multicast Codec
	PlayHoldTone = 0	Features->General Information->Play Hold Tone
	PlayHoldToneDelay = 0	Features->General Information->Play Hold Tone Delay
	AutoAnswerDelay = 0	Features->General Information->Auto-Answer Delay(1~4s)
	DTMFReplaceTran = 0	Features->General Information->DTMF Replace Tran
	HeadsetPrior = 0	Features->General Information->Headset Prior
	SendPoundKey = 0	Features->General Information->Send Pound Key
	FwdInternational = 0	Features->General Information->Fwd International
	ReLogOffTime = 2	Features->General Information->Auto-Logout Time (1~1000min)
	Use_Logo = 0 (not applicable to SIP-T48G/T46G IP phones)	Features->General Information->Use Logo
	SaveCallHistory = 2	Features->General Information->Save Call Log
	SuppressDTMFDisplay = 1	Features->General Information->Suppress DTMF Display
	SuppressDTMFDisplayDelay = 1	Features->General Information->Suppress DTMF Display Delay
	DualHeadset = 1	Features->General Information->Dual-Headset
	TranSendDTMF = 1	Features->General Information->Tran

Section Header	Parameters and Default Value	the Path of Web User Interface
		Send DTMF
	Diversion-History-Info = 1	Features->General Information-> Diversion/History-Info
	AllowMute = 0	Features->General Information-> Allow Mute
	play-local-DTMF-tone = 0	Features->General Information->Play Local DTMF Tone
	led-off-in-idle = 0 (only applicable to SIP-T46G/T42G/T41P IP phones with V71 firmware)	Features->General Information->LED Off in Idle
	blf-led-mode = 1 (only applicable to SIP-T4X IP phones with V72 firmware)	Features->General Information->BLF LED Mode
	call-number-filter = 0	Features->General Information-> Call Number Filter
	allow-IP-call = 0	Features->General Information-> Allow IP Call
	IP-direct-auto-answer = 0	Features->General Information-> IP Direct Auto Answer
	calllog-show-num = 0 (not applicable to SIP-T46G IP phones)	Features->General Information->Call List Show Number
	voicemail-tone = 0	Features->General Information-> Voice Mail Tone
	DHCP-hostname = 0	Features->General Information-> DHCP Hostname
[Features-Audio]	call-waiting-tone = 0	Features->Audio->Call Waiting Tone
	button-sound = 0	Features->Audio->Key Tone
	redial_tone = 0	Features->Audio->Redial Tone
	send-sound = 0	Features->Audio->Send Sound
	Ringer_Dev = 0	Features->Audio->Ringer Device for

Section Header	Parameters and Default Value	the Path of Web User Interface
		Headset
[Features-Intercom]	allow-intercom = 0	Features->Intercom->Accept Intercom
	intercom-mute = 0	Features->Intercom->Intercom Mute
	intercom-tone = 0	Features->Intercom->Warning Tone
	intercom-barge = 0	Features->Intercom->Intercom Barge
[Features-Transfer]	semi-attend-transfer = 0	Features->Transfer->Semi-Attend Transfer
	Semi-Attend-TransferOnHook = 0	Features->Transfer->Semi Attend Transfer On Hook
	blind-tran-onhook = 0	Features->Transfer->Blind Transfer On Hook
	transfer-on-conference-hang-up = 0	Features->Transfer->Transfer on Conference Hang up
	TransferModeViaDsskey = 0	Features->Transfer->Transfer Mode Via Dsskey
[Features-Callpickup]	Call-Pickup = 0	Features->Call Pickup->Call Pickup 
	Call-Park = 0	Features->Call Pickup->Call Park 
[Features-Remote]	pushxml-server-addr = 2	Features->Remote Control->Push XML Server IP Address
	XMLSIPNotify = 2	Features->Remote Control->SIP Notify
	ActionURILimitIP = 2	Features->Remote Control->Action URI allow IP List
	XMLBlockInCalling =	Features->Remote Control->Block




Section Header	Parameters and Default Value	the Path of Web User Interface
	1 (for SIP-T48G) XMLBlockInCalling = 0 (for SIP-T46G/T42G/T41P)	XML In Calling
[Features-Lock] (not applicable to SIP-T48G IP phones)	Lock_Enable = 2	Features->Phone Lock->Keypad Lock Enable
	keyboard_lock = 2	Features->Phone Lock->Keypad Lock Type
	Phone_Unlock_PIN = 2	Features->Phone Lock->Phone Unlock PIN (0~15 Digit)
	Phone_lock_time_out = 2	Features->Phone Lock->Phone Lock Time Out (0~3600s)
	emergency_setting = 2	Features->Phone Lock->Emergency
[Features-ACD]	ACD-auto-available = 2	Features->ACD->ACD Auto Available
	ACD-auto-available-ti mer = 2	Features->ACD->ACD Auto Available Timer (0~120s)
[Features-Action URL]	setup-complete = 2	Features->Action URL->Setup Completed
	log-on = 2	Features->Action URL->Registered
	log-off = 2	Features->Action URL->Unregistered
	register-fail = 2	Features->Action URL->Register Failed
	off-hook = 2	Features->Action URL->Off Hook
	on-hook = 2	Features->Action URL->On Hook
	incoming-call = 2	Features->Action URL->Incoming Call
	outgoing-call = 2	Features->Action URL->Outgoing Call
	call-establish = 2	Features->Action URL->Established
	Call-Terminated = 2	Features->Action URL->Terminated
	DND-On = 2	Features->Action URL->Open DND
	DND-Off = 2	Features->Action URL->Close DND
Forward-On-Code =	Features->Action URL->Open Always	

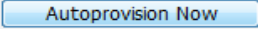
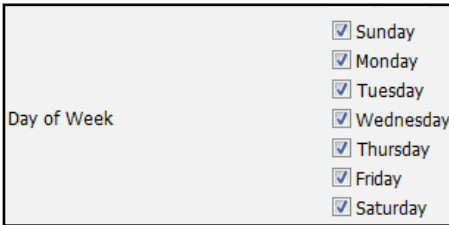
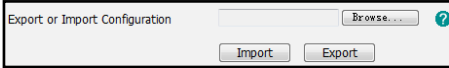
Section Header	Parameters and Default Value	the Path of Web User Interface
	2	Forward
	Forward-Off-Code = 2	Features->Action URL->Close Always Forward
	Busy-Forward-On = 2	Features->Action URL->Open Busy Forward
	Busy-Forward-Off = 2	Features->Action URL->Close Busy Forward
	No-Answer-Forward-On = 2	Features->Action URL->Open No Answer Forward
	No-Answer-Forward-Off = 2	Features->Action URL->Close No Answer Forward
	TransferCall = 2	Features->Action URL->Transfer Call
	Blind-transfer-call = 2	Features->Action URL->Blind Transfer
	Attended-transfer-call = 2	Features->Action URL->Attended Transfer
	Unhold = 2	Features->Action URL->UnHold
	Mute = 2	Features->Action URL->Mute
	Unmute = 2	Features->Action URL->UnMute
	Missed-call = 2	Features->Action URL->Missed Call
	Hold = 2	Features->Action URL->Hold
	IdletoBusy = 2	Features->Action URL->Idle To Busy
	Busytoidle = 2	Features->Action URL->Busy To Idle
	IPChange = 2	Features->Action URL->IP Changed
	RejectIncomingCall = 2	Features->Action URL->Reject Incoming Call
	AnswerNewInCall = 2	Features->Action URL->Answer New-in Call
	TransferFailed = 2	Features->Action URL->Transfer Failed
	TransferFinished = 2	Features->Action URL->Transfer Finished
	ForwardIncomingCall = 2	Features->Action URL->Forward Incoming Call

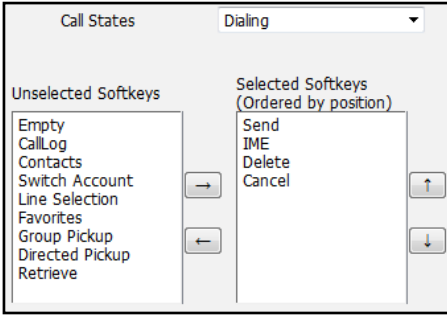
Section Header	Parameters and Default Value	the Path of Web User Interface
[Features-Bluetooth]	bluetooth-active = 0 (not applicable to SIP-T42G/T41P IP phones)	Features->Bluetooth->Bluetooth Active
[Features-Power LED]	common-power-light-on = 1	Features->Power LED->Common Power Light On
	ring-power-light-flash = 1	Features->Power LED->Ring Power Light Flash
	mail-power-light-flash = 1	Features->Power LED->Voice/Text Mail Power Light Flash
	mute-power-light-flash = 1	Features->Power LED->Mute Power Light Flash
	hold-power-light-flash = 1	Features->Power LED->Hold/Held Power Light Flash
	talk-power-light-flash = 1	Features->Power LED->Talk/Dial Power Light On
[Settings]	settings-preference = 0	Settings->Preference (the whole page)
	settings-datetime = 0	Settings->Time & Date (the whole page)
	settings-dialplan = 0	Settings->Dial Plan (the whole page)
	settings-voice = 0	Settings->Voice (the whole page)
	settings-ring = 1	Settings->Ring (the whole page)
	settings-tones = 0	Settings->Tones (the whole page)
	settings-softkey = 2	Settings->Softkey Layout (the whole page)
	settings-upgrade = 0	Settings->Upgrade (the whole page)
	settings-autop = 0	Settings->Auto Provision (the whole page)
	settings-config = 0	Settings->Configuration (the whole page)
settings-tr069 = 2 (not applicable to SIP-T42G/T41P IP)	Settings->TR069 (the whole page)	

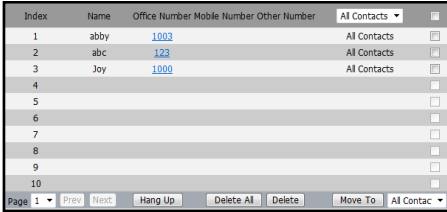
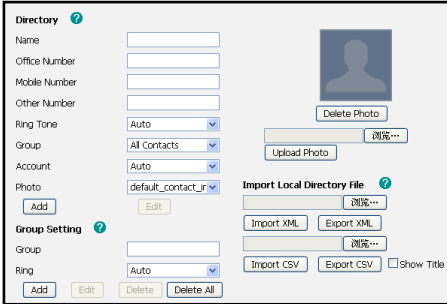
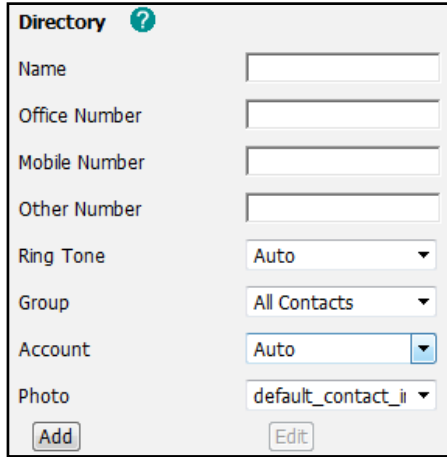
Section Header	Parameters and Default Value	the Path of Web User Interface
	phones)	
[Settings-Preference]	web-language = 0	Settings->Preference->Language
	ring_type_setting = 0	Settings->Preference->Ring Type Settings->Preference->Upload Ringtone
	watchdog = 2	Settings->Preference->Watch Dog
	live-dialpad = 0	Settings->Preference->Live Dialpad
	inter-digit-time = 0	Settings->Preference->Inter Digit Time(1~14s)
	UnusedBackLight = 0 (not applicable to SIP-T42G/T41P IP phones)	Settings->Preference->Backlight Idle Intensity
	backlight = 0 (not applicable to SIP-T42G/T41P IP phones)	Settings->Preference->Backlight On Intensity
	BacklightTime = 0	Settings->Preference->Backlight Time
	Wallpaper = 0 (not applicable to SIP-T42G/T41P IP phones)	Settings->Preference-> Wallpaper Settings->Preference-> Upload Wallpaper (480*272)
[Time&Date]	time_zone = 0	Settings->Time & Date->Time Zone
	prim_server = 0	Settings->Time & Date->Primary Server
	sec_server = 0	Settings->Time & Date->Secondary Server
	update_interval = 0	Settings->Time & Date->Synchronism (15~86400s)
	time_format_setting = 0	Settings->Time & Date->Time Format
	date_format_setting = 0	Settings->Time & Date->Date Format
	DHCP-Time = 0	Settings->Time & Date->DHCP Time





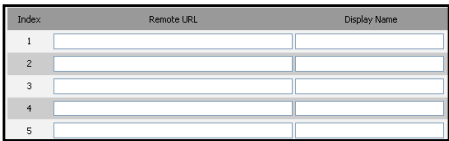
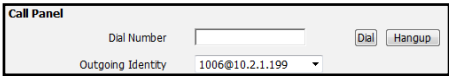
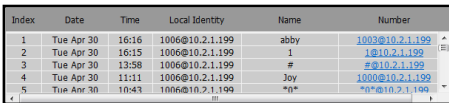
Section Header	Parameters and Default Value	the Path of Web User Interface
	manual-time = 0	Settings->Time & Date->Manual Time
	daylight-time = 0	Settings->Time & Date->Daylight Saving Time
	time_type = 0	Settings->Time & Date->Fixed Type
	daylight_week = 0	Settings->Time & Date-> 
	daylight_day = 0	Settings->Time & Date->Start Date Settings->Time & Date->End Date
	offset = 0	Settings->Time & Date->Offset (minutes)
[Settings-DialPlan]	replace-rule = 0	Settings->Dial Plan->Replace Rule (the whole page)
	dial-now = 0	Settings->Dial Plan->Dial-now (the whole page)
	area-code = 0	Settings->Dial Plan->Area Code (the whole page)
	block-out = 0	Settings->Dial Plan->Block Out (the whole page)
	replace-rule-control = 0	Settings->Dial Plan->Replace Rule->Prefix Settings->Dial Plan->Replace Rule->Replace Settings->Dial Plan->Replace Rule->Account
	dial-now-control = 0	Settings->Dial Plan->Dial-now->Rule Settings->Dial Plan->Dial-now->Account
	area-code-control = 0	Settings->Dial Plan->Area Code->Code Settings->Dial Plan->Area Code->

Section Header	Parameters and Default Value	the Path of Web User Interface
		Min Length(1-15) Settings->Dial Plan->Area Code->Max Length(1-15) Settings->Dial Plan->Area Code->Account
	block-out-control = 0	Settings->Dial Plan->Block Out->BlockOut NumberX Settings->Dial Plan->Block Out->Account
[Settings-Voice]	echo-cancellation = 0	Settings->Voice->Echo Cancellation 
	jitter-buffer = 0	Settings->Voice->JITTER BUFFER 
[Settings-Ring]	personal-ring = 0	Settings->Ring->Internal Ringer Text Settings->Ring->Internal Ringer File
[Settings-Upgrade]	version_info = 0	Settings->Upgrade->Version 
	reset_to_factory = 1	Settings->Upgrade->Reset to Factory Setting
	reboot_device = 0	Settings->Upgrade->Reboot
	upgrade_firmware = 1	Settings->Upgrade->Select and Upgrade Firmware
[Settings-AutoProvision]	custom-option = 2	Settings->Auto Provision->Custom Option(128~254)
	server-URL = 2	Settings->Auto Provision->Server URL
	common-AES-key = 2	Settings->Auto Provision->Common AES Key
	MAC-Oriented-AES-k	Settings->Auto Provision ->

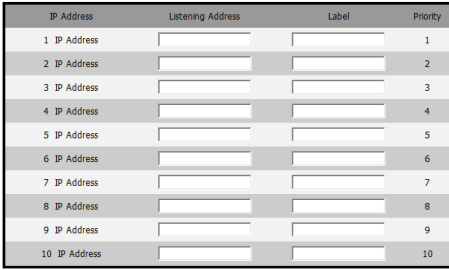
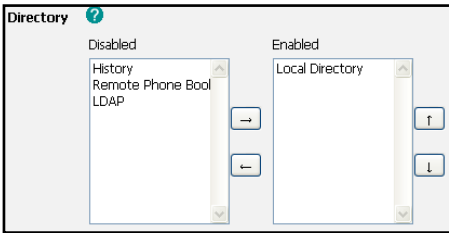
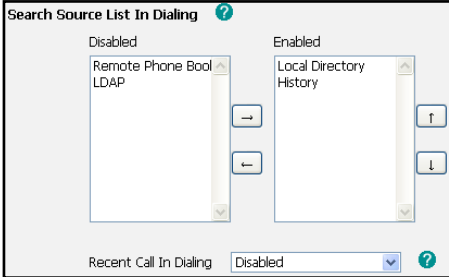
Section Header	Parameters and Default Value	the Path of Web User Interface
	ey = 2	MAC-Oriented AES Key
	pnp-active = 2	Settings->Auto Provision->PNP Active
	btn-autop-now = 2	Settings->Auto Provision-> 
	account = 2	Settings->Auto Provision->User Name
	password = 2	Settings->Auto Provision->Password
	DHCP-Option-Value = 2	Settings->Auto Provision->DHCP Option Value
	dhcp-active = 2	Settings->Auto Provision->DHCP Active
	zero_active = 0	Settings->Auto Provision->Zero Active
	wait_time = 0	Settings->Auto Provision->Wait Time (0~100s)
	poweron-active = 2	Settings->Auto Provision->Power On
	repeatedly-active = 2	Settings->Auto Provision->Repeatedly
	repeat-interval = 2	Settings->Auto Provision->Interval (Minutes)
	weekly-active = 2	Settings->Auto Provision->Weekly
	autop-time = 2	Settings->Auto Provision->Time
	day-of-week = 2	Settings->Auto Provision->Day of Week 
[Settings-Config]	opt-configfile = 2	Settings->Configuration->Export or Import Configuration 
	opt-factory-configfile = 2	Settings->Configuration->Import Factory Configuration

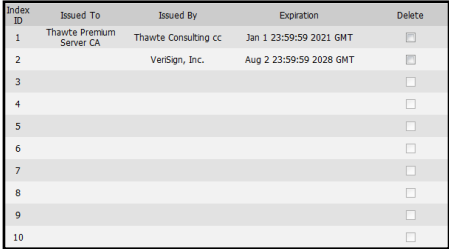
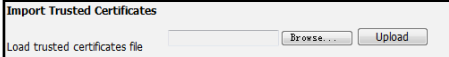

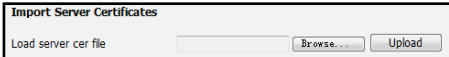
Section Header	Parameters and Default Value	the Path of Web User Interface
	syslog = 1	Settings->Configuration->Export System Log
	SystemlogLevel = 2	Settings->Configuration->System Log Level
	pcap_trace = 1	Settings->Configuration->Pcap Feature
	Custom_SoftKey = 2	Settings->Softkey Layout->Custom Softkey
[Softkey]	SoftKey_Type = 2	Settings->Softkey Layout->Call States 
	head = 2	Settings->TR069-> TR069 ?
	EnableTR069 = 2	Settings->TR069->Enable TR069
	ACSUsername = 2	Settings->TR069->ACS Username
	ACSPassword = 2	Settings->TR069->ACS Password
	ACSURL = 2	Settings->TR069->ACS URL
[TR069] (not applicable to SIP-T42G/T41P IP phones)	EnablePeriodicInform = 2	Settings->TR069->Enable Periodic Inform
	PeriodicInformInterval = 2	Settings->TR069->Periodic Inform Interval (seconds)
	RequestUsername = 2	Settings->TR069->Connection Request Username
	RequestPassword = 2	Settings->TR069->Connection Request Password
	contacts-basic = 0	Directory->Local Directory (the whole page)
[Contacts]	contacts-remote = 0	Directory->Remote Phone Book (the whole page)

Section Header	Parameters and Default Value	the Path of Web User Interface
	contacts-callinfo = 0	Directory->Phone Call Info (the whole page)
	contacts-LDAP = 0	Directory->LDAP (the whole page)
	contacts-broadsoft = 0	Directory->Network Directory (the whole page)
	contacts-multicastIP = 0	Directory->Multicast IP (the whole page)
	contacts-favorite = 0	Directory->Setting (the whole page)
[LocalPhoneBook]	contact-list = 0	Directory-> Local Directory 
	all-contacts-control = 0	Directory->Local Directory 
	opt-contacts = 0	Directory->Local Directory 
	import-export-contact	Directory->Local Directory->Import

Section Header	Parameters and Default Value	the Path of Web User Interface
	s = 1	Local Contact File
	btnImportCSV = 1	Directory->Local Directory-> 
	btnExportCSV = 1	Directory->Local Directory-> 
	btnImportXML = 1	Directory->Local Directory-> 
	btnExportXML = 1	Directory->Local Directory-> 
[Contacts-Remote]	remote-phonebook-list = 0	Directory->Remote Phone Book 
	SRemoteNameEnable = 0	Directory->Remote Phone Book-> Search Remote Phonebook Name
	SRemoteNameFlashTime = 0	Directory->Remote Phone Book-> Search Flash Time (Seconds)
[Contacts-Broadsoft]	Directotries = 0	Directory->Network Directory-> Network Directory Directory->Network Directory-> Custom Directory Directory->Network Directory-> Call Log
	XSI = 0	Directory->Network Directory->XSI
[PhoneCallInfo]	call-control = 0	Directory->Phone Call Info->Call Panel 
	dialed-list-title = 0	Directory->Phone Call Info-> Dialed List Directory->Phone Call Info-> Call Log
	dialed-list-content = 0	Directory->Phone Call Info->Dialed List 
	missed-list-title = 0	Directory->Phone Call Info-> Missed List
	missed-list-content = 0	Directory->Phone Call Info-> Missed List

Section Header	Parameters and Default Value	the Path of Web User Interface																																				
		<table border="1"> <thead> <tr> <th>Index</th> <th>Date</th> <th>Time</th> <th>Local Identity</th> <th>Name</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Fri Apr 26</td> <td>17:07</td> <td>1006@10.2.1.199</td> <td>3606</td> <td>3606@10.2.1.199</td> </tr> <tr> <td>2</td> <td>Fri Apr 26</td> <td>15:42</td> <td>1006@10.2.1.199</td> <td>3606</td> <td>3606@10.2.1.199</td> </tr> <tr> <td>3</td> <td>Fri Apr 26</td> <td>14:29</td> <td>1006@10.2.1.199</td> <td>Joy</td> <td>1006@10.2.1.199</td> </tr> <tr> <td>4</td> <td>Fri Apr 26</td> <td>14:06</td> <td>1006@10.2.1.199</td> <td>Joy</td> <td>1006@10.2.1.199</td> </tr> </tbody> </table>	Index	Date	Time	Local Identity	Name	Number	1	Fri Apr 26	17:07	1006@10.2.1.199	3606	3606@10.2.1.199	2	Fri Apr 26	15:42	1006@10.2.1.199	3606	3606@10.2.1.199	3	Fri Apr 26	14:29	1006@10.2.1.199	Joy	1006@10.2.1.199	4	Fri Apr 26	14:06	1006@10.2.1.199	Joy	1006@10.2.1.199						
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	received-list-title = 0	Directory->Phone Call Info-> Received List																																				
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5	Tue Apr 30	14:08	1006@10.2.1.199	Joy	1006@10.2.1.199																																	
	forwarded-list-title = 0	Directory->Phone Call Info-> Forwarded List																																				
	forwarded-list-content = 0	Directory->Phone Call Info-> Forwarded List <table border="1"> <thead> <tr> <th>Index</th> <th>Date</th> <th>Time</th> <th>Local Identity</th> <th>Name</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Thu May 02</td> <td>10:41</td> <td>1006@10.2.1.199</td> <td>Joy</td> <td>1006@10.2.1.199</td> </tr> <tr> <td>2</td> <td>Thu May 02</td> <td>10:41</td> <td>1006@10.2.1.199</td> <td>Joy</td> <td>1006@10.2.1.199</td> </tr> </tbody> </table>	Index	Date	Time	Local Identity	Name	Number	1	Thu May 02	10:41	1006@10.2.1.199	Joy	1006@10.2.1.199	2	Thu May 02	10:41	1006@10.2.1.199	Joy	1006@10.2.1.199																		
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[LDAP]	enable-LDAP = 0	Directory->LDAP->Enable LDAP																																				
	LDAP-name-filter = 0	Directory->LDAP->LDAP Name Filter																																				
	LDAP-number-filter = 0	Directory->LDAP->LDAP Number Filter																																				
	server-address = 0	Directory->LDAP->Server Address																																				
	port = 0	Directory->LDAP->Port																																				
	base = 0	Directory->LDAP->Base																																				
	user-name = 0	Directory->LDAP->Username																																				
	password = 0	Directory->LDAP->Password																																				
	maxhits = 0	Directory->LDAP->Max Hits(1~32000)																																				
	LDAP-name-attributes = 0	Directory->LDAP->LDAP Name Attributes																																				
	LDAP-number-attributes = 0	Directory->LDAP->LDAP Number Attributes																																				
	LDAP-display-name = 0	Directory->LDAP->LDAP Display Name																																				
	protocol = 0	Directory->LDAP->Protocol																																				
LDAP-lookup-for-info	Directory->LDAP->LDAP Lookup For																																					

Section Header	Parameters and Default Value	the Path of Web User Interface
	ming-call = 0	Incoming Call
	LDAP-sorting-results = 0	Directory->LDAP->LDAP Sorting Results
[MulticastIP]	Receive_Priority = 0	Directory->Multicast IP->Paging Barge
	MulticastIPConfig = 0	Directory->Multicast IP 
	PagePriorityActive = 0	Directory->Multicast IP->Paging Priority Active
[Contacts-Favorite]	contacts-group = 0	Directory->Setting->Directory 
	super-search = 0	Directory->Setting->Search Source List In Dialing 
[Security]	password = 0	Security->Password (the whole page)
	trusted_cert = 2	Security->Trusted Certificates (the whole page)
	server_cert = 2	Security->Server Certificates (the whole page)
[TrustCerts]	trust-certs-records = 2	Security->Trusted Certificates

Section Header	Parameters and Default Value	the Path of Web User Interface
		
	btn-delete-certs = 2	Security->Trusted Certificates-> <input type="button" value="Delete"/>
	only-accept-trusted-certs = 2	Security->Trusted Certificates->Only Accept Trusted Certificates
	upload-trust-certs = 2	Security->Trusted Certificates-> Import Trusted Certificates 
[ServerCerts]	server-certs-records = 2	Security->Server Certificates 
	server-certs-upload = 2	Security->Server Certificates->Import Server Certificates 
[HiddenSetting]	custom-factory-config = 2	Hidden->Custom Factory Config
	Forward-Active = 2	Hidden->Forward Active
	DND-Active = 2	Hidden->DND Active
	Broadsoft-Active = 0	Hidden->Broadsoft Active
	Redirect-Active = 0	Hidden->Redirect Active
	UC-Active = 1	Hidden->UC Active
	pushxml = 2	Hidden->PushXML Test

The following table lists configuration items in the WebItemslevel.cfg file with associated configurations on the phone user interface of the SIP-T48G IP phone:

Section Header	Parameters and Default Value	the Path of Phone User Interface
[GUI]	status_list = 0	Menu->Status

Section Header	Parameters and Default Value	the Path of Phone User Interface
	call_feature_list = 0	Menu->Call Features
	directory = 0	Menu->Directory
	calllog_list = 0	Menu->History
	message_list = 0	Menu->Messages
	basic_setting_list = 0	Menu->Basic
	advanced_setting_list = 1	Menu->Advanced
	usermode_list = 0	Menu->User Mode
	status_general= 0	Menu->Status->General
	status_network = 0	Menu->Status->Network
	status_phone = 0	Menu->Status->Phone
	status_accounts = 0	Menu->Status->Accounts
	callControl = 0	Menu->Call Features->Call Control (BroadSoft Active is enabled)
	anywhere = 0	Menu->Call Features->Call Control-> Anywhere (BroadSoft Active is enabled)
	remote_office = 0	Menu->Call Features->Call Control-> Remote Office (BroadSoft Active is enabled)
	hide_numbers = 0	Menu->Call Features->Call Control-> Hide Number (BroadSoft Active is enabled)
	anonymous_rejection = 0	Menu->Call Features->Call Control-> Anonymous Rejection (BroadSoft Active is enabled)
	simultaneous_ring = 0	Menu->Call Features->Call Control-> Simultaneous Ring Personal (BroadSoft Active is enabled)
	initial_state = 0	Menu->Call Features->Call Control->Initial ACD State (BroadSoft Active is enabled)

Section Header	Parameters and Default Value	the Path of Phone User Interface
	acd_status_select = 0	Menu->Call Features->Call Control->ACD State (BroadSoft Active is enabled)
	call_forward_list = 0	Menu->Call Features->Call Forward (phone mode)
	call_forward_for_customom	Menu->Call Features->Call Forward (custom mode)
	call_waiting = 0	Menu->Call Features->Call Waiting
	auto_answer = 0	Menu->Call Features->Auto Answer
	dsskey_frame = 0	Menu->Call Features->DSS Keys
	dnd = 0	Menu->Call Features->Do Not Disturb (phone mode)
	dnd_custom = 0	Menu->Call Features->Do Not Disturb (custom mode)
	intercom = 0	Menu->Call Features->Intercom
	anonymous_call_list = 0	Menu->Call Features->Anonymous
	advanced_call_feature_general = 0	Menu->Call Features->General
	advanced_call_feature_hotline = 0	Menu->Call Features->Hotline
	advanced_call_feature_default_account = 0	Menu->Call Features->Default Account
	advanced_call_feature_auto_redial = 0	Menu->Call Features->Auto Redial
	advanced_call_feature_call_completion = 0	Menu->Call Features->Call Completion
	call_forward_always_forward = 0	Menu->Call Features->Call Forward ->Always Forward
	call_forward_busy_forward = 0	Menu->Call Features->Call Forward ->Busy Forward
	call_forward_no_ans	Menu->Call Features->Call Forward

Section Header	Parameters and Default Value	the Path of Phone User Interface
	wer_forward = 0	->No Answer Forward
	language = 0	Menu->Basic->Language
	date_and_time_list = 0	Menu->Basic->Time & Date
	display_list = 0	Menu->Basic->Display
	sound_list = 0	Menu->Basic->Sound
	unlock_pin = 0	Menu->Basic->Phone Unlock PIN
	bluetooth = 0	Menu->Basic->Bluetooth
	date_and_time_general = 0	Menu->Basic->Time & Date->General
	date_and_time_dhcp_time = 0	Menu->Basic->Time & Date->DHCP Time
	date_and_time_format = 0	Menu->Basic->Time & Date->Format
	display_wallpaper = 0	Menu->Basic->Display->Wallpaper
	backlight = 0	Menu->Basic->Display->Backlight
	contrast = 0	Menu->Basic->Display-> Contrast
	sound_general = 0	Menu->Basic->Sound->General
	sound_ringtone = 0	Menu->Basic->Sound->Ring Tones
	account_list = 2	Menu->Advanced->Account
	phone_setting_list = 0	Menu->Advanced->Phone Settings
	network_list = 0	Menu->Advanced->Network
	set_password = 0	Menu->Advanced->Set Password
	set_aes_key = 0	Menu->Advanced->Set AES Key
	auto_provision = 0	Menu->Advanced->Auto Provision
	FWD_international = 0	Menu->Advanced->FWD International
	reboot_page = 0	Menu->Advanced->Reboot
	reset_to_factory = 0	Menu->Advanced->Reset to Factory
	key_guard_lock = 0	Menu->Advanced->Phone Settings->

Section Header	Parameters and Default Value	the Path of Phone User Interface
		Keypad Lock
	network_wan_port_option = 0	Menu->Advanced->Network->WAN Port
	network_vlan_list = 0	Menu->Advanced->Network->VLAN
	network_wweb_server = 0	Menu->Advanced->Network->Webserver Type
	network_w802.1x = 0	Menu->Advanced->Network->802.1x Settings
	network_wvpn = 0	Menu->Advanced->Network->VPN
	network_wvlan = 0	Menu->Advanced->Network->VLAN->WAN Port
	network_pcvlan = 0	Menu->Advanced->Network->VLAN->PC Port
	voice_mail_list = 0	Menu->Messages->Voice Mail
	view_voice_mail = 0	Menu->Messages->Voice Mail->View Voice Mail
	set_voice_mail = 0	Menu->Messages->Voice Mail->Set Voice Mail

The following table lists configuration items in the WebItemslevel.cfg file with associated configurations on the phone user interface of the SIP-T46G IP phone:

Section Header	Parameters and Default Value	the Path of Phone User Interface
[GUI]	status_general = 0	Menu->Status
	call_feature_list = 0	Menu->Call Features
	directory = 0	Menu->Directory
	calllog = 0	Menu->History
	message_list = 0	Menu->Messages
	basic_setting_list = 0	Menu->Basic
	advanced_setting_list = 1	Menu->Advanced
	userMode = 0	Menu->User Mode
	status_list = 0	Menu->Status->More

Section Header	Parameters and Default Value	the Path of Phone User Interface
	status_network = 0	Menu->Status->More->Network
	status_phone = 0	Menu->Status->More->Phone
	status_accounts = 0	Menu->Status->More->Accounts
	callControl = 0	Menu-> Call Features->Call Control (BroadSoft Active is enabled)
	anywhere = 0	Menu->Call Features->Call Control-> Anywhere (BroadSoft Active is enabled)
	remote_office = 0	Menu->Call Features->Call Control-> Remote Office (BroadSoft Active is enabled)
	hide_numbers = 0	Menu->Call Features->Call Control-> Hide Number (BroadSoft Active is enabled)
	anonymous_rejection = 0	Menu->Call Features->Call Control-> Anonymous Rejection (BroadSoft Active is enabled)
	simultaneous_ring = 0	Menu->Call Features->Call Control-> Simultaneous Ring Personal (BroadSoft Active is enabled)
	initial_state = 0	Menu->Call Features->Call Control->Initial ACD State (BroadSoft Active is enabled)
	acd_status_select = 0	Menu->Call Features->Call Control-> ACD State (BroadSoft Active is enabled)
	call_forward_list = 0	Menu->Call Features->Call Forward (phone mode)
	call_forward_for_cust om = 0	Menu->Call Features->Call Forward (custom mode)
	call_waiting = 0	Menu->Call Features->Call Waiting
	auto_answer_list = 0	Menu->Call Features->Auto Answer
	dss_key_list = 0	Menu->Call Features->DSS Keys

Section Header	Parameters and Default Value	the Path of Phone User Interface
	dnd = 0	Menu->Call Features->Do Not Disturb (phone mode)
	dnd_custom = 0	Menu->Call Features->Do Not Disturb (custom mode)
	intercom = 0	Menu->Call Features->Intercom
	anonymous_call_list = 0	Menu->Call Features->Anonymous
	advanced_call_feature_list = 0	Menu->Call Features->Others
	call_forward_always_forward = 0	Menu->Call Features->Call Forward ->Always Forward
	call_forward_busy_forward = 0	Menu->Call Features->Call Forward ->Busy Forward
	call_forward_no_answer_forward = 0	Menu->Call Features->Call Forward ->No Answer Forward
	advanced_call_feature_general = 0	Menu->Call Features->Others->General
	advanced_call_feature_hotline = 0	Menu->Call Features->Others->Hotline
	advanced_call_feature_default_account = 0	Menu->Call Features->Others->Default Account
	advanced_call_feature_auto_redial = 0	Menu->Call Features->Others->Auto Redial
	advanced_call_feature_call_completion = 0	Menu->Call Features->Others->Call Completion
	language = 0	Menu->Basic->Language
	date_and_time_list = 0	Menu->Basic->Time & Date
	display_list = 0	Menu->Basic->Display
	sound_list = 0	Menu->Basic->Sound
	unlock_pin = 0	Menu->Basic->Phone Unlock PIN
	bluetooth = 0	Menu->Basic->Bluetooth

Section Header	Parameters and Default Value	the Path of Phone User Interface
	date_and_time_general = 0	Menu->Basic->Time & Date->General
	date_and_time_dhcp_time = 0	Menu->Basic->Time & Date->DHCP Time
	date_and_time_format = 0	Menu->Basic->Time & Date->Format
	display_general = 0	Menu->Basic->Display->General
	display_wallpaper = 0	Menu->Basic->Display->Wallpaper
	sound_general = 0	Menu->Basic->Sound->General
	sound_ringtone = 0	Menu->Basic->Sound->Ring Tones
	account_list = 2	Menu->Advanced->Account
	phone_setting_list = 0	Menu->Advanced->Phone Settings
	network_list = 0	Menu->Advanced->Network
	set_password = 0	Menu->Advanced->Set Password
	set_aes_key = 0	Menu->Advanced->Set AES Key
	auto_provision = 0	Menu->Advanced->Auto Provision
	FWD_international = 0	Menu->Advanced->FWD International
	reset_and_reboot_list = 1	Menu->Advanced->Reset&Reboot
	contrast = 0	Menu->Advanced->Phone Settings->Contrast
	key_guard_lock = 0	Menu->Advanced->Phone Settings->Keypad Lock
	network_wan_port_option = 0	Menu->Advanced->Network->WAN Port
	network_vlan_list = 0	Menu->Advanced->Network->VLAN
	network_web_server = 0	Menu->Advanced->Network->Webserver Type
	network_w802.1x = 0	Menu->Advanced->Network->802.1x Settings

Section Header	Parameters and Default Value	the Path of Phone User Interface
	network_wvpn = 0	Menu->Advanced->Network->VPN
	network_wvlan = 0	Menu->Advanced->Network->VLAN->WAN Port
	network_pcvlan = 0	Menu->Advanced->Network->VLAN->PC Port
	reset_to_factory = 0	Menu->Advanced->Reset&Reboot->Reset to Factory
	reboot = 0	Menu->Advanced->Reset&Reboot->Reboot
	text_message_list = 0	Menu->Messages->Text Message
	text_message_new_message = 0	Menu->Messages->Text Message->New Message
	text_message_inbox = 0	Menu->Messages->Text Message->Inbox
	text_message_sentbox = 0	Menu->Messages->Text Message->Sentbox
	text_message_outbox = 0	Menu->Message->Text Message->Outbox
	text_message_draftbox = 0	Menu->Messages->Text Message->Draftbox
	voice_mail_list = 0	Menu->Messages->Voice Mail
	view_voice_mail = 0	Menu->Messages->Voice Mail->View Voice Mail
	set_voice_mail = 0	Menu->Messages->Voice Mail->Set Voice Mail

The following table lists configuration items in the WebItemslevel.cfg file with associated configurations on the phone user interface of the SIP-T42G/T41P IP phone:

Section Header	Parameters and Default Value	the Path of Phone User Interface
[GUI]	status_general = 0	Menu->Status
	call_feature_list = 0	Menu->Features
	directory = 0	Menu->Directory
	calllog = 0	Menu->History Type

Section Header	Parameters and Default Value	the Path of Phone User Interface
	message_list = 0	Menu->Messages
	usermodeentry = 0	Menu->User Mode
	basic_setting_list = 0	Menu->Settings->Basic
	advanced_setting_list = 1	Menu->Settings->Advanced
	Status_IP = 0	Menu->Status->IPv4 Address
	Status_MAC = 0	Menu->Status->MAC
	Status_HW = 0	Menu->Status->Firmware
	status_list = 0	Menu->Status->More
	status_network = 0	Menu->Status->More->Network
	status_phone = 0	Menu->Status->More->Phone
	status_accounts = 0	Menu->Status->More->Accounts
	CallControl = 0	Menu->Features->Call Control (BroadSoft Active is enabled)
	anywhere = 0	Menu->Call Control->Anywhere (BroadSoft Active is enabled)
	remote_office = 0	Menu->Call Control->Remote Office (BroadSoft Active is enabled)
	hide_numbers = 0	Menu->Call Control->Hide Number (BroadSoft Active is enabled)
	anonymous_rejection = 0	Menu->Call Control->Anonymous Rejection (BroadSoft Active is enabled)
	simultaneous_ring = 0	Menu->Call Control->Simultaneous Ring Personal (BroadSoft Active is enabled)
	initial_state = 0	Menu->Call Control->Initial ACD State (BroadSoft Active is enabled)
	acd_status_select = 0	Menu->Call Control->ACD State (BroadSoft Active is enabled)
	callcontrol_forward =	Menu->Features->Call Forward

Section Header	Parameters and Default Value	the Path of Phone User Interface
	0	
	call_waiting = 0	Menu->Features->Call Waiting
	auto_answer_list = 0	Menu->Features->Auto Answer
	dss_key_list = 0	Menu->Features->DSS Keys
	key_as_send = 0	Menu->Features->Key as Send
	advanced_call_feature_hotline = 0	Menu->Features->Hot Line
	advanced_call_feature_auto_redial = 0	Menu->Features->Auto Redial
	callcontrol_dnd = 0	Menu->Features->DND
	intercom = 0	Menu->Features->Intercom
	history_save = 0	Menu->Features->History Setting
	anonymous_call_list = 0	Menu->Features->Anonymous Call
	language = 0	Menu->Settings->Basic Settings->Language
	date_and_time_list = 0	Menu->Settings->Basic Settings->Time & Date
	sound_ringtone = 0	Menu->Settings->Basic Settings->Ring Tones
	unlock_pin = 0	Menu->Settings->Basic Settings->Phone Unlock PIN
	Basic_Time_SNTP = 0	Menu->Settings->Basic Settings->Time & Date->SNTP Settings
	Basic_Time_Manual = 0	Menu->Settings->Basic Settings->Time & Date->Manual Settings
	date_and_time_format = 0	Menu->Settings->Basic Settings->Time & Date->Time & Date Format
	date_and_time_dhcp_time = 0	Menu->Settings->Basic Settings->Time & Date->DHCP Time
	account_list = 2	Menu->Settings->Advanced Settings->Accounts
	phone_setting_list = 0	Menu->Settings->Advanced

Section Header	Parameters and Default Value	the Path of Phone User Interface
		Settings->Phone Settings
	network_list = 0	Menu->Settings->Advanced Settings->Network
	softkey Label = 0	Menu->Settings->Advanced Settings->Softkey Label
	reboot = 0	Menu->Settings->Advanced Settings->Reboot
	reset_to_factory = 0	Menu->Settings->Advanced Settings->Reset to Factory
	set_password_list = 0	Menu->Settings->Advanced Settings->Set Password
	set_aes_key = 0	Menu->Settings->Advanced Settings->Set AES Key
	auto_provision = 0	Menu->Settings->Advanced Settings->Auto Provision
	FWD_international = 0	Menu->Settings->Advanced Settings->FWD International
	line_active = 0	Menu->Settings->Advanced Settings->Accounts-> Account Status
	account_label = 0	Menu->Settings->Advanced Settings->Accounts->Label
	account_password = 0	Menu->Settings->Advanced Settings->Accounts->Password
	display_name = 0	Menu->Settings->Advanced Settings->Accounts->Display Name
	register_name = 0	Menu->Settings->Advanced Settings->Accounts->Register Name
	user_name = 0	Menu->Settings->Advanced Settings->Accounts->User Name
	sip_server = 0	Menu->Settings->Advanced Settings->Accounts->SIP Server 1/2
	enabled-outbound-proxy-server = 2	Menu->Settings->Advanced Settings->Accounts->Outbound Status

Section Header	Parameters and Default Value	the Path of Phone User Interface
	outbound-proxy-server = 2	Menu->Settings->Advanced Settings->Accounts->Outbound Proxy
	NAT_traversal = 2	Menu->Settings->Advanced Settings->Accounts->STUN Status
	STUN_server = 2	Menu->Settings->Advanced Settings->Accounts->STUN Server
	Adv_Setting_BackLight = 0	Menu->Settings->Advanced Settings->Phone Settings->Backlight Settings
	key_guard_lock = 0	Menu->Settings->Advanced Settings->Phone Settings->Keypad Lock
	network_wan_port_option = 0	Menu->Settings->Advanced Settings->Network->WAN Port
	network_vlan_list = 0	Menu->Settings->Advanced Settings->Network->VLAN
	network_wweb_server = 0	Menu->Settings->Advanced Settings->Network->Webserver Type
	network_w802.1x = 0	Menu->Settings->Advanced Settings->Network->802.1x Settings
	network_wvpn = 0	Menu->Settings->Advanced Settings->Network->VPN
	network_wvlan = 0	Menu->Settings->Advanced Settings->Network->VLAN->WAN Port
	network_pcvlan = 0	Menu->Settings->Advanced Settings->Network->VLAN->PC Port
	voice_mail_list = 0	Menu->Messages->Voice Mail
	view_voice_mail = 0	Menu->Messages->Voice Mail->View Voice Mail
	set_voice_mail = 0	Menu->Messages->Voice Mail->Set Voice Mail

Appendix-B : Sample Configuration Files

The default configuration item settings in the factory WebItemsLevel.cfg file for Yealink SIP-T48G IP phones are:

```
[ Status ]
version = 0
network = 0
IPv4 = 0
IPv6 = 0
NetworkCommon = 0
AccountStatus = 0
Ext = 0

[ Account ]
account-register = 0
account-basic = 0
account-codec = 0
account-adv = 0

[ Account-Register ]
account_status = 0
line_active = 0
account_label = 0
display_name = 0
register_name = 01
user_name = 01
account_password = 2
enabled-outbound-proxy-server = 01
outbound-proxy-server = 01
transport-item = 2
NAT_traversal = 2
STUN_server = 2
sip_server = 01

[ Account-Basic ]
proxy_require = 0
send_anonymous = 1
anonymous_call_enabled = 0
anonymous_call_OnCode = 1
anonymous_call_OffCode = 1
anonymous_rejection_enabled = 0
anonymous_rejection_OnCode = 1
anonymous_rejection_OffCode = 1
```

```
misscall-log = 0
auto-answer = 0
ring-type = 0

[ Account-Adv ]
UDP_keep-alive = 2
local-SIP-port = 2
rport = 2
sip-session-timer = 2
subscribe-period = 2
DTMF_items = 2
reliable_retransmission = 2
MWI-items = 2
voice_mail = 0
caller-ID-header = 2
use-session-timer = 2
session-timer = 2
session-refresher = 2
user-equal-phone = 2
voice-encryption = 2
ptime-item = 2
share-line = 2
dialog-info-call-pickup = 2
BLF-list-URI = 2
BLFListCode = 2
BLFListBargeInCode = 2
BLA-number = 2
BLA-subscription-period = 2
SIP-send-MAC = 2
SIP-send-line = 2
SIP-Reg-retry-timer = 2
conference-type = 2
conference-uri = 2
ACD-subscrip-period = 2
Earlymedia = 2
SIPServerType = 2
Music-ServerURI = 2
Direct-Call-Pickup-Code = 2
Group-Call-Pickup-Code = 2
Distinctive-Ring-Tones = 2
UnregisterOnReboot = 2
Out-Dialog-BLF = 2
```

```
[ Network ]  
network-basic = 0  
network-pcport = 0  
network-advanced = 0
```

```
[ Network-Basic ]  
ipaddress-mode = 0  
ipv4config = 0  
ipv6config = 0  
wan-ppoe = 1
```

```
[ Network-PCPort ]  
pcport-active = 0
```

```
[ Network-Advanced ]  
LLDP-items = 2  
VLAN-items = 2  
port-link = 2  
voice-QoS = 2  
local-RTP-port = 2  
SNMP-items = 2  
web-server = 2  
8021x = 2  
span-to-pc-port = 2  
reg-surge-prev = 2  
ICMPv6_Status = 2  
open-VPN = 2
```

```
[ DSSKey ]  
linekey = 0  
programmablekey = 0  
extkey = 0
```

```
[ LineKey ]  
line-key = 0
```

```
[ ProgramKey ]  
programmable-key = 0
```

```
[ ExtKey ]  
ext-key = 0
```

```
[ Features ]  
features-forward = 0
```

```
features-general = 0
features-audio = 0
features-intercom = 0
features-transfer = 0
features-callpickup = 0
features-remote = 2
features-phonelock = 2
features-acd = 2
features-actionurl = 2
features-bluetooth = 0
features-poweredled = 1
```

[Forward&DND]

```
head-forward = 0
forward-mode = 01
forward-account = 01
```

```
always-forward = 0
always-forward-enabled = 0
always-forward-target = 0
always-forward-OnCode = 0
always-forward-OffCode = 0
```

```
busy-forward = 0
busy-forward-enabled = 0
busy-forward-target = 0
busy-forward-OnCode = 0
busy-forward-OffCode = 0
```

```
NoAnswer-forward = 0
NoAnswer-forward-enabled = 0
NoAnswer-forward-ringtimes = 0
NoAnswer-forward-target = 0
NoAnswer-forward-OnCode = 0
NoAnswer-forward-OffCode = 0
```

```
DND = 0
DND-Emergency = 0
DND-Authorized-Numbers = 0
DND-mode = 01
DND-account = 01
DND-Status = 01
DND-OnCode = 01
DND-OffCode = 01
```

```
[ General-Information ]
call_waiting = 0
auto-redial = 0
auto_redial_interval = 0
auto_redial_times = 0
key_as_send = 0
reserve-pound = 2
hotline-number = 0
hotline-delay = 0
busytone_delay = 0
return-code-refuse = 0
return-code-DND = 0
call_completion = 0
feature-key-synchronisation = 0
TimeOut-for-DialNow = 0
RFC-2543-Hold = 2
use-outbound-in-dialog = 2
IsDeal-180 = 2
logon-wizard = 2
PswPrefix = 2
PswLength = 2
PswDial = 2
SaveCallHistory = 2
SuppressDTMFDisplay = 1
SuppressDTMFDisplayDelay = 1
play-local-DTMF-tone = 0
DTMFRepetition = 0
MulticastCodec = 0
PlayHoldTone = 0
PlayHoldToneDelay = 0
AllowMute = 0
DualHeadset = 1
AutoAnswerDelay = 0
HeadsetPrior = 0
DTMFReplaceTran = 0
TranSendDTMF = 1
SendPoundKey = 0
FwdInternational = 0
Diversion-History-Info = 1
blf-led-mode = 1
ReLogOffTime = 2
call-number-filter = 0
allow-IP-call = 0
IP-direct-auto-answer = 0
```

```
voicemail-tone = 0
DHCP-hostname = 0
EnableAutoFavorite = 0

[ Features-Audio ]
call-waiting-tone = 0
button-sound = 0
redial_tone = 0
send-sound = 0
Ringer_Dev = 0

[ Features-Intercom ]
allow-intercom = 0
intercom-mute = 0
intercom-tone = 0
intercom-barge = 0

[ Features-Transfer ]
semi-attend-transfer = 0
Semi-Attend-Trans-OnHook = 0
blind-tran-onhook = 0
transfer-on-conference-hang-up = 0
TransferModeViaDsskey = 0

[ Features-Callpickup ]
Call-Pickup = 0
Call-Park = 0

[ Features-Remote ]
pushxml-server-addr = 2
XMLSIPNotify = 2
XMLBlockInCalling = 1
ActionURLimitIP = 2

[ Features-Lock ]
Lock_Enable = 2
keyboard_lock = 2
Phone_Unlock_PIN = 2
Phone_lock_time_out = 2
emergency_setting = 2

[ Features-ACD ]
ACD-auto-available = 2
ACD-auto-available-timer = 2
```

```
[ Features-ActionURL ]
setup-complete = 2
log-on = 2
log-off = 2
register-fail = 2
off-hook = 2
on-hook = 2
incoming-call = 2
outgoing-call = 2
call-establish = 2
Call-Terminated = 2
DND-On = 2
DND-Off = 2
Forward-On-Code = 2
Forward-Off-Code = 2
Busy-Forward-On = 2
Busy-Forward-Off = 2
No-Answer-Forward-On = 2
No-Answer-Forward-Off = 2
TransferCall = 2
Blind-transfer-call = 2
Attended-transfer-call = 2
Hold = 2
Unhold = 2
Mute = 2
Unmute = 2
Missed-call = 2
IPChange = 2
IdletoBusy = 2
Busytoidle = 2
RejectIncomingCall = 2
AnswerNewInCall = 2
TransferFailed = 2
TransferFinished = 2
ForwardIncomingCall = 2

[ Features-Bluetooth ]
bluetooth-active = 0

[ Features-PowerLED ]
common-power-light-on = 1
ring-power-light-flash = 1
mail-power-light-flash = 1
mute-power-light-flash = 1
```

hold-power-light-flash = 1

talk-power-light-flash = 1

[Settings]

settings-preference = 0

settings-datetime = 0

settings-upgrade = 0

settings-autop = 0

settings-config = 0

settings-dialplan = 0

settings-voice = 0

settings-ring = 1

settings-tones = 0

settings-softkey = 2

settings-tr069 = 2

[Settings-Preference]

web-language = 0

live-dialpad = 0

inter-digit-time = 0

UnusedBackLight = 0

backlight = 0

BacklightTime = 0

watchdog = 2

ring_type_setting = 0

Wallpaper = 0

[Time&Date]

DHCP-Time = 0

time_zone = 0

NTP_priority = 0

prim_server = 0

sec_server = 0

update_interval = 0

daylight-time = 0

time_type = 0

daylight_week = 0

daylight_day = 0

offset = 0

manual-time = 0

time_format_setting = 0

date_format_setting = 0

[Settings-Upgrade]

version_info = 0
reset_to_factory = 1
reboot_device = 0
upgrade_firmware = 1

[Settings-AutoProvision]

pnp-active = 2
dhcp-active = 2
custom-option = 2
DHCP-Option-Value = 2
server-URL = 2
account = 2
password = 2
common-AES-key = 2
MAC-Oriented-AES-key = 2
zero_active = 1
wait_time = 1
poweron-active = 2
repeatedly-active = 2
repeat-interval = 2
weekly-active = 2
autop-time = 2
day-of-week = 2
btn-autop-now = 2

[Settings-Config]

opt-configfile = 2
opt-factory-configfile = 2
pcap_trace = 1
syslog = 1
SystemLogLevel = 2

[Settings-DialPlan]

replace-rule = 0
dial-now = 0
area-code = 0
block-out = 0
replace-rule-control = 0
dial-now-control = 0
area-code-control = 0
block-out-control = 0

```
[ Settings-Voice ]
echo-cancellation = 0
jitter-buffer = 0

[ Settings-Ring ]
personal-ring = 0

[ Settings-Tones ]
tone-items = 0

[ Softkey ]
Custom_SoftKey = 2
SoftKey_Type = 2

[ TR069 ]
head = 2
EnableTR069 = 2
ACSUsername = 2
ACSPassword = 2
ACSURL = 2
EnablePeriodicInform = 2
PeriodicInformInterval = 2
RequestUsername = 2
RequestPassword = 2

[ Contacts ]
contacts-basic = 0
contacts-remote = 0
contacts-callinfo = 0
contacts-LDAP = 0
contacts-broadsoft = 0
contacts-multicastIP = 0
contacts-favorite = 0

[ LocalPhoneBook ]
contact-list = 0
all-contacts-control = 0
import-export-contacts = 1
btnImportCSV = 1
btnExportCSV = 1
btnImportXML = 1
btnExportXML = 1
opt-contacts = 0
```

```
[ Contacts-Remote ]
remote-phonebook-list = 0
SRemoteNameEnable = 0
SRemoteNameFlashTime = 0

[ PhoneCallInfo ]
call-control = 0
dialed-list-title = 0
dialed-list-content = 0
missed-list-title = 0
missed-list-content = 0
received-list-title = 0
received-list-content = 0
forwarded-list-title = 0
forwarded-list-content = 0

[ LDAP ]
enable-LDAP = 0
LDAP-name-filter = 0
LDAP-number-filter = 0
server-address = 0
port = 0
base = 0
user-name = 0
password = 0
maxhits = 0
LDAP-name-attributes = 0
LDAP-number-attributes = 0
LDAP-display-name = 0
protocol = 0
LDAP-lookup-for-incoming-call = 0
LDAP-sorting-results = 0

[ Contacts-Broadsoft ]
Directotries = 0
XSI = 0

[ MulticastIP ]
Receive_Priority = 0
MulticastIPConfig = 0
PagePriorityActive = 0

[ Contacts-Favorite ]
contacts-group = 0
```

```
super-search = 0

[ Security ]
password = 0
trusted_cert = 2
server_cert = 2

[ TrustCerts ]
trust-certs-records = 2
btn-delete-certs = 2
only-accept-trusted-certs = 2
upload-trust-certs = 2

[ ServerCerts ]
server-certs-records = 2
server-certs-upload = 2

[ HiddenSetting ]
custom-factory-config = 2
DND-Active = 2
Forward-Active = 2
Broadsoft-Active = 1
Redirect-Active = 1
UC-Active = 1
pushxml = 2

[ GUI ]
status_list = 0
call_feature_list = 0
directory = 0
calllog_list = 0
message_list = 0
basic_setting_list = 0
advanced_setting_list = 1
usermode_list = 0

status_general = 0
status_network = 0
status_phone = 0
status_accounts = 0

callControl = 0
call_forward_list = 0
call_forward_for_custom = 0
```

```
call_waiting = 0
auto_answer = 0
dsskey_frame = 0
dnd = 0
dnd_custom = 0
intercom = 0
anonymous_call_list = 0
advanced_call_feature_general = 0
advanced_call_feature_hotline = 0
advanced_call_feature_default_account = 0
advanced_call_feature_auto_redial = 0
advanced_call_feature_call_completion = 0

anywhere = 0
remote_office = 0
hide_numbers = 0
anonymous_rejection = 0
simultaneous_ring = 0
initial_state = 0
acd_status_select = 0

call_forward_always_forward = 0
call_forward_busy_forward = 0
call_forward_no_answer_forward = 0

voice_mail_list = 0
view_voice_mail = 0
set_voice_mail = 0

language = 0
date_and_time_list = 0
display_list = 0
sound_list = 0
unlock_pin = 0
bluetooth = 0

date_and_time_general = 0
date_and_time_dhcp_time = 0
date_and_time_format = 0

backlight = 0
contrast = 0
display_wallpaper = 0
```

```
sound_general = 0
sound_ringtone = 0

account_list = 2
network_list = 0
phone_setting_list = 0
set_password = 0
set_aes_key = 0
auto_provision = 0
FWD_international = 0
reboot_page = 1
reset_to_factory = 1

key_guard_lock = 0

network_wan_port_option = 0
network_vlan_list = 0
network_wweb_server = 0
network_w802.1x = 0
network_wvpn = 0

network_wvlan = 0
network_pcvlan = 0
```

The default configuration item settings in the factory WebItemsLevel.cfg file for Yealink SIP-T46G IP phones are:

```
[ Status ]
version = 0
AccountStatus = 0
IPv4 = 0
IPv6 = 0
NetworkCommon = 0
Ext = 0
network = 0

[ Account ]
account-register = 0
account-basic = 0
account-codec = 0
account-adv = 0

[ Account-Register ]
account_status = 0
line_active = 0
```

```
account_label = 0
display_name = 0
register_name = 01
user_name = 01
sip_server = 01
account_password = 2
enabled-outbound-proxy-server = 01
outbound-proxy-server = 01
transport-item = 2
NAT_traversal = 2
STUN_server = 2
```

[Account-Basic]

```
proxy_require = 0
anonymous_call_enabled = 0
anonymous_call_OnCode = 1
anonymous_call_OffCode = 1
anonymous_rejection_enabled = 0
anonymous_rejection_OnCode = 1
anonymous_rejection_OffCode = 1
misscall-log = 0
auto-answer = 0
ring-type = 0
send_anonymous = 0
```

[Account-Adv]

```
UDP_keep-alive = 2
local-SIP-port = 2
rport = 2
sip-session-timer = 2
subscribe-period = 2
DTMF_items = 2
reliable_retransmission = 2
MWI-items = 2
caller-ID-header = 2
use-session-timer = 2
session-timer = 2
session-refresher = 2
user-equal-phone = 2
voice-encryption = 2
ptime-item = 2
BLF-list-URI = 2
BlfListCode = 2
dialog-info-call-pickup = 2
```

```
share-line = 2
BLA-number = 2
BLA-subscription-period = 2
SIP-send-MAC = 2
SIP-send-line = 2
SIP-Reg-retry-timer = 2
conference-type = 2
conference-uri = 2
ACD-subscrip-period = 2
SIPServerType = 2
Earlymedia = 2
Music-ServerURI = 2
BLFListBargainCode = 2
Direct-Call-Pickup-Code = 2
Group-Call-Pickup-Code = 2
Distinctive-Ring-Tones = 2
UnregisterOnReboot = 2
Out-Dialog-BLF = 2
voice_mail = 0
```

[Network]

```
network-basic = 0
network-advanced = 0
```

[Network-Basic]

```
ipaddress-mode = 2
ipv4config = 2
ipv6config = 2
wan-ppoe = 0
```

[Network-Advanced]

```
LLDP-items = 2
VLAN-items = 2
voice-QoS = 2
local-RTP-port = 2
web-server = 2
8021x = 2
open-VPN = 2
port-link = 2
span-to-pc-port = 2
reg-surge-prev = 2
ICMPv6_Status = 2
```


[DSSKey]

linekey = 0

programmablekey = 0

extkey = 0

[LineKey]

line-key = 0

[ProgramKey]

programmable-key = 0

[ExtKey]

ext-key = 0

[Features]

features-forward = 0

features-general = 0

features-audio = 0

features-intercom = 0

features-transfer = 0

features-callpickup = 0

features-remote = 0

features-phonelock = 0

features-acd = 0

features-sms = 0

features-actionurl = 2

features-bluetooth = 0

[Forward&DND]

head-forward = 0

always-forward = 0

always-forward-enabled = 0

always-forward-target = 0

always-forward-OnCode = 0

always-forward-OffCode = 0

busy-forward = 0

busy-forward-enabled = 0

busy-forward-target = 0

busy-forward-OnCode = 0

busy-forward-OffCode = 0

NoAnswer-forward = 0

NoAnswer-forward-enabled = 0

```
NoAnswer-forward-ringtimes = 0
NoAnswer-forward-target = 0
NoAnswer-forward-OnCode = 0
NoAnswer-forward-OffCode = 0
DND-OnCode = 01
DND-OffCode = 01
forward-mode = 01
forward-account = 01
DND-mode = 01
DND-account = 01
DND-Status = 01
DND = 0
DND-Emergency = 0
DND-Authorized-Numbers = 0
```

[General-Information]

```
call_waiting = 0
auto-redial = 0
auto_redial_interval = 0
auto_redial_times = 0
key_as_send = 0
reserve-pound = 2
hotline-number = 0
hotline-delay = 0
busytone_delay = 0
return-code-refuse = 0
return-code-DND = 0
call_completion = 0
TimeOut-for-DialNow = 0
RFC-2543-Hold = 2
use-outbound-in-dialog = 2
IsDeal-180 = 2
logon-wizard = 2
PswPrefix = 2
PswLength = 2
PswDial = 2
DTMFRepetition = 0
feature-key-synchronisation = 0
ClosePowerLight = 0
MulticastCodec = 0
PlayHoldTone = 0
PlayHoldToneDelay = 0
AutoAnswerDelay = 0
DTMFReplaceTran = 0
```

```
HeadsetPrior = 0
SendPoundKey = 0
FwdInternational = 0
ReLogOffTime = 2
SaveCallHistory = 2
SuppressDTMFDisplay = 1
SuppressDTMFDisplayDelay = 1
DualHeadset = 1
TranSendDTMF = 1
Diversion-History-Info = 1
AllowMute = 0
play-local-DTMF-tone = 0
led-off-in-idle = 0
call-number-filter = 0
allow-IP-call = 0
IP-direct-auto-answer = 0
voicemail-tone = 0
DHCP-hostname = 0

[ Features-Audio ]
call-waiting-tone = 0
button-sound = 0
redial_tone = 0
send-sound = 0
Ringer_Dev = 0

[ Features-Intercom ]
allow-intercom = 0
intercom-mute = 0
intercom-tone = 0
intercom-barge = 0

[ Features-Transfer ]
semi-attend-transfer = 0
Semi-Attend-Trans-OnHook = 0
blind-tran-onhook = 0
transfer-on-conference-hang-up = 0
TransferModeViaDsskey = 0

[ Features-Callpickup ]
Call-Pickup = 0
Call-Park = 0
```

```
[ Features-Remote ]
pushxml-server-addr = 2
XMLSIPNotify = 2
ActionURLLimitIP = 2
XMLBlockInCalling = 0

[ Features-Lock ]
Lock_Enable = 2
keyboard_lock = 2
Phone_Unlock_PIN = 2
Phone_lock_time_out = 2
emergency_setting = 2

[ Features-ACD ]
ACD-auto-available = 2
ACD-auto-available-timer = 2

[ Features-ActionURL ]
setup-complete = 2
log-on = 2
log-off = 2
register-fail = 2
off-hook = 2
on-hook = 2
incoming-call = 2
outgoing-call = 2
call-establish = 2
Call-Terminated = 2
DND-On = 2
DND-Off = 2
Forward-On-Code = 2
Forward-Off-Code = 2
Busy-Forward-On = 2
Busy-Forward-Off = 2
No-Answer-Forward-On = 2
No-Answer-Forward-Off = 2
TransferCall = 2
Blind-transfer-call = 2
Attended-transfer-call = 2
Unhold = 2
Mute = 2
Unmute = 2
Missed-call = 2
Hold = 2
IdletoBusy = 2
```

```
Busytdle = 2
IPChange = 2
RejectIncomingCall = 2
AnswerNewInCall = 2
TransferFailed = 2
TransferFinished = 2
ForwardIncomingCall = 2
```

```
[ Features-Bluetooth ]
```

```
bluetooth-active = 0
```

```
[ Settings ]
```

```
settings-preference = 0
```

```
settings-datetime = 0
```

```
settings-dialplan = 0
```

```
settings-voice = 0
```

```
settings-ring = 1
```

```
settings-tones = 0
```

```
settings-softkey = 2
```

```
settings-upgrade = 0
```

```
settings-autop = 0
```

```
settings-config = 0
```

```
settings-tr069 = 2
```

```
[ Settings-Preference ]
```

```
web-language = 0
```

```
ring_type_setting = 0
```

```
watchdog = 2
```

```
live-dialpad = 0
```

```
inter-digit-time = 0
```

```
UnusedBackLight = 0
```

```
BacklightTime = 0
```

```
backlight = 0
```

```
Wallpaper = 0
```

```
[ Time&Date ]
```

```
time_zone = 0
```

```
prim_server = 0
```

```
sec_server = 0
```

```
update_interval = 0
```

```
time_format_setting = 0
```

```
date_format_setting = 0
```

```
DHCP-Time = 0
```

```
manual-time = 0
```

```
daylight-time = 0
time_type = 0
daylight_week = 0
daylight_day = 0
offset = 0

[ Settings-DialPlan ]
replace-rule = 0
dial-now = 0
area-code = 0
block-out = 0
replace-rule-control = 0
dial-now-control = 0
area-code-control = 0
block-out-control = 0

[ Settings-Voice ]
echo-cancellation = 0
jitter-buffer = 0

[ Settings-Ring ]
personal-ring = 0

[ Settings-Upgrade ]
version_info = 0
reset_to_factory = 1
reboot_device = 0
upgrade_firmware = 1

[ Settings-AutoProvision ]
custom-option = 2
server-URL = 2
common-AES-key = 2
MAC-Oriented-AES-key = 2
pnp-active = 2
btn-autop-now = 2
account = 2
password = 2
DHCP-Option-Value = 2
dhcp-active = 2
poweron-active = 2
repeatly-active = 2
repeat-interval = 2
weekly-active = 2
```

```
autop-time = 2
day-of-week = 2
zero_active = 0
wait_time = 0

[ Settings-Config ]
opt-configfile = 2
opt-factory-configfile = 2
syslog = 1
SystemLogLevel = 2
pcap_trace = 1
[ Softkey ]
Custom_SoftKey = 2
SoftKey_Type = 2

[ TR069 ]
head = 2
EnableTR069 = 2
ACSUsername = 2
ACSPassword = 2
ACSURL = 2
EnablePeriodicInform = 2
PeriodicInformInterval = 2
RequestUsername = 2
RequestPassword = 2

[ Contacts ]
contacts-basic = 0
contacts-remote = 0
contacts-callinfo = 0
contacts-LDAP = 0
contacts-multicastIP = 0
contacts-broadsoft = 0
contacts-favorite = 0

[ LocalPhoneBook ]
contact-list = 0
all-contacts-control = 0
import-export-contacts = 1
btnImportCSV = 1
btnExportCSV = 1
btnImportXML = 1
btnExportXML = 1
opt-contacts = 0
```

```
[ Contacts-Remote ]
remote-phonebook-list = 0
SRemoteNameEnable = 0
SRemoteNameFlashTime = 0

[ Contacts-Broadsoft ]
Directotries = 0
XSI = 0

[ Contacts-Favorite ]
contacts-group = 0
super-search = 0

[ PhoneCallInfo ]
call-control = 0
dialed-list-title = 0
dialed-list-content = 0
missed-list-title = 0
missed-list-content = 0
received-list-title = 0
received-list-content = 0
forwarded-list-title = 0
forwarded-list-content = 0

[ LDAP ]
enable-LDAP = 0
LDAP-name-filter = 0
LDAP-number-filter = 0
server-address = 0
port = 0
base = 0
user-name = 0
password = 0
maxhits = 0
LDAP-name-attributes = 0
LDAP-number-attributes = 0
LDAP-display-name = 0
protocol = 0
LDAP-lookup-for-incoming-call = 0
LDAP-sorting-results = 0

[ MulticastIP ]
Receive_Priority = 0
MulticastIPConfig = 0
PagePriorityActive = 0
```



```
[ Security ]
password = 0
trusted_cert = 2
server_cert = 2

[ ServerCerts ]
server-certs-records = 2
server-certs-upload = 2

[ TrustCerts ]
trust-certs-records = 2
btn-delete-certs = 2
only-accept-trusted-certs = 2
upload-trust-certs = 2

[ HiddenSetting ]
custom-factory-config = 2
Forward-Active = 2
DND-Active = 2
pushxml = 2
Broadsoft-Active = 0
Redirect-Active = 0

[ GUI ]
status_general = 0
call_feature_list = 0
directory = 0
calllog = 0
message_list = 0
basic_setting_list = 0
advanced_setting_list = 1
userMode = 0

status_network = 0
status_phone = 0
status_accounts = 0
status_list = 0

callControl = 0
dnd = 0
dnd_custom = 0
anonymous_call_list = 0
call_forward_list = 0
call_forward_for_custom = 0
```

```
call_waiting = 0
auto_answer_list = 0
dss_key_list = 0
intercom = 0
advanced_call_feature_list = 0
call_forward_always_forward = 0
call_forward_busy_forward = 0
call_forward_no_answer_forward = 0
anywhere = 0
remote_office = 0
Call_Forwarding_Not_Reachable = 0
GroupNightForward = 0
hide_numbers = 0
anonymous_rejection = 0
simultaneous_ring = 0
initial_state = 0
acd_status_select = 0

advanced_call_feature_general = 0
advanced_call_feature_hotline = 0
advanced_call_feature_default_account = 0
advanced_call_feature_auto_redial = 0
advanced_call_feature_call_completion = 0
language = 0
date_and_time_list = 0
display_list = 0
sound_list = 0
unlock_pin = 0
bluetooth = 0

date_and_time_general = 0
date_and_time_dhcp_time = 0
date_and_time_format = 0

display_general = 0
display_wallpaper = 0
account_list = 2
network_list = 0
phone_setting_list = 0
set_password = 0
set_aes_key = 0
auto_provision = 0
reset_and_reboot_list = 1
FWD_international = 0
```

```
contrast = 0
key_guard_lock = 0

network_wan_port_option = 0
network_vlan_list = 0
network_wweb_server = 0
network_w802.1x = 0
network_wvpn = 0
network_wvlan = 0
network_pcvlan = 0

reset_to_factory = 0
reboot = 0
voice_mail_list = 0
text_message_list = 0

text_message_new_message = 0
text_message_inbox = 0
text_message_sentbox = 0
text_message_outbox = 0
text_message_draftbox = 0

view_voice_mail = 0
set_voice_mail = 0

sound_general = 0
sound_ringtone = 0
```

The default configuration item settings in the factory WebItemsLevel.cfg file for Yealink SIP-T42G/T41P IP phones are:

```
[ Status ]
version = 0
network = 0
IPv4 = 0
IPv6 = 0
NetworkCommon = 0
AccountStatus = 0

[ Account ]
account-register = 0
account-basic = 0
account-codec = 0
account-adv = 0

[ Account-Register ]
account_status = 0
line_active = 0
account_label = 0
display_name = 0
register_name = 01
user_name = 01
account_password = 2
enabled-outbound-proxy-server = 01
outbound-proxy-server = 01
transport-item = 2
NAT_traversal = 2
STUN_server = 2
sip_server = 01

[ Account-Basic ]
proxy_require = 0
send_anonymous = 0
anonymous_call_enabled = 0
anonymous_call_OnCode = 1
anonymous_call_OffCode = 1
anonymous_rejection_enabled = 0
anonymous_rejection_OnCode = 1
anonymous_rejection_OffCode = 1
misscall-log = 0
auto-answer = 0
ring-type = 0
```

```
[ Account-Adv ]
UDP_keep-alive = 2
local-SIP-port = 2
rport = 2
sip-session-timer = 2
subscribe-period = 2
DTMF_items = 2
reliable_retransmission = 2
MWI-items = 2
voice_mail = 0
caller-ID-header = 2
use-session-timer = 2
session-timer = 2
session-refresher = 2
user-equal-phone = 2
voice-encryption = 2
ptime-item = 2
share-line = 2
dialog-info-call-pickup = 2

BLF-list-URI = 2
BLFListCode = 2
BLFListBargeInCode = 2

BLA-number = 2
BLA-subscription-period = 2
SIP-send-MAC = 2
SIP-send-line = 2
SIP-Reg-retry-timer = 2
conference-type = 2
conference-uri = 2
ACD-subscrip-period = 2
Earlymedia = 2
SIPServerType = 2
Music-ServerURI = 2
Direct-Call-Pickup-Code = 2
Group-Call-Pickup-Code = 2
Distinctive-Ring-Tones = 2
UnregisterOnReboot = 2
Out-Dialog-BLF = 2

[ Network ]
network-basic = 0
network-advanced = 0
```

[Network-Basic]

ipaddress-mode = 2

ipv4config = 2

ipv6config = 2

[Network-Advanced]

LLDP-items = 2

VLAN-items = 2

port-link = 2

voice-QoS = 2

local-RTP-port = 2

web-server = 2

8021x = 2

span-to-pc-port = 2

reg-surge-prev = 2

open-VPN = 2

[DSSKey]

linekey = 0

programmablekey = 0

[LineKey]

line-key = 0

[ProgramKey]

programmable-key = 0

[Features]

features-forward = 0

features-general = 0

features-audio = 0

features-intercom = 0

features-transfer = 0

features-callpickup = 0

features-remote = 0

features-phonelock = 0

features-acd = 0

features-actionurl = 2

[Forward&DND]

head-forward = 0

forward-mode = 01

forward-account = 01

always-forward = 0

always-forward-enabled = 0
always-forward-target = 0
always-forward-OnCode = 0
always-forward-OffCode = 0

busy-forward = 0
busy-forward-enabled = 0
busy-forward-target = 0
busy-forward-OnCode = 0
busy-forward-OffCode = 0

NoAnswer-forward = 0
NoAnswer-forward-enabled = 0
NoAnswer-forward-ringtimes = 0
NoAnswer-forward-target = 0
NoAnswer-forward-OnCode = 0
NoAnswer-forward-OffCode = 0

DND = 0
DND-Emergency = 0
DND-Authorized-Numbers = 0
DND-mode = 01
DND-Status = 01
DND-account = 01
DND-OnCode = 01
DND-OffCode = 01

[General-Information]

call_waiting = 0
auto-redial = 0
auto_redial_interval = 0
auto_redial_times = 0
key_as_send = 0
reserve-pound = 2
hotline-number = 0
hotline-delay = 0
busytone_delay = 0
return-code-refuse = 0
return-code-DND = 0
TimeOut-for-DialNow = 0
RFC-2543-Hold = 2
use-outbound-in-dialog = 2
IsDeal-180 = 2
logon-wizard = 2

```
PswPrefix = 2
PswLength = 2
PswDial = 2
SaveCallHistory = 2
SuppressDTMFDisplay = 1
SuppressDTMFDisplayDelay = 1
play-local-DTMF-tone = 0
feature-key-synchronisation = 0
ClosePowerLight = 0
DTMFRepetition = 0
MulticastCodec = 0
PlayHoldTone = 0
PlayHoldToneDelay = 0
AllowMute = 0
DualHeadset = 1
HeadsetPrior = 0
AutoAnswerDelay = 0
DTMFReplaceTran = 0
TranSendDTMF = 1
SendPoundKey = 0
FwdInternational = 0
Diversion-History-Info = 1
ReLogOffTime = 2
led-off-in-idle = 0
call-number-filter = 0
Use_Logo = 0
allow-IP-call = 0
IP-direct-auto-answer = 0
calllog-show-num = 0
voicemail-tone = 0
DHCP-hostname = 0
```

[Features-Audio]

```
call-waiting-tone = 0
button-sound = 0
redial_tone = 0
send-sound = 0
Ringer_Dev = 0
```

[Features-Intercom]

```
allow-intercom = 0
intercom-mute = 0
intercom-tone = 0
intercom-barge = 0
```



```
[ Features-Transfer ]
semi-attend-transfer = 0
Semi-Attend-Trans-OnHook = 0
blind-tran-onhook = 0
transfer-on-conference-hang-up = 0
TransferModeViaDsskey = 0
```

```
[ Features-Callpickup ]
Call-Pickup = 0
Call-Park = 0
```

```
[ Features-Remote ]
pushxml-server-addr = 2
XMLSIPNotify = 2
XMLBlockInCalling = 0
ActionURLLimitIP = 2
```

```
[ Features-Lock ]
Lock_Enable = 2
keyboard_lock = 2
Phone_Unlock_PIN = 2
Phone_lock_time_out = 2
emergency_setting = 2
```

```
[ Features-ACD ]
ACD-auto-available = 2
ACD-auto-available-timer = 2
```

```
[ Features-ActionURL ]
setup-complete = 2
log-on = 2
log-off = 2
register-fail = 2
off-hook = 2
on-hook = 2
incoming-call = 2
outgoing-call = 2
call-establish = 2
Call-Terminated = 2
DND-On = 2
DND-Off = 2
Forward-On-Code = 2
Forward-Off-Code = 2
Busy-Forward-On = 2
```

Busy-Forward-Off = 2
No-Answer-Forward-On = 2
No-Answer-Forward-Off = 2
TransferCall = 2
Blind-transfer-call = 2
Attended-transfer-call = 2
Unhold = 2
Mute = 2
Unmute = 2
Missed-call = 2
Hold = 2
IdletoBusy = 2
BusytoIdle = 2
IPChange = 2
RejectIncomingCall = 2
AnswerNewInCall = 2
TransferFailed = 2
TransferFinished = 2
ForwardIncomingCall = 2

[Settings]

settings-preference = 0
settings-datetime = 0
settings-upgrade = 0
settings-autop = 0
settings-config = 0
settings-dialplan = 0
settings-voice = 0
settings-ring = 1
settings-tones = 0
settings-softkey = 2

[Settings-Preference]

web-language = 0
live-dialpad = 0
inter-digit-time = 0
BacklightTime = 0
watchdog = 2
ring_type_setting = 0

[Time&Date]

DHCP-Time = 0
time_zone = 0
prim_server = 0

```
sec_server = 0
update_interval = 0
daylight-time = 0
time_type = 0
daylight_week = 0
daylight_day = 0
offset = 0
manual-time = 0
time_format_setting = 0
date_format_setting = 0
```

[Settings-Upgrade]

```
version_info = 0
reset_to_factory = 1
reboot_device = 0
upgrade_firmware = 1
```

[Settings-AutoProvision]

```
pnp-active = 2
dhcp-active = 2
custom-option = 2
DHCP-Option-Value = 2
server-URL = 2
account = 2
password = 2
common-AES-key = 2
MAC-Oriented-AES-key = 2
zero_active = 0
wait_time = 0
poweron-active = 2
repeatedly-active = 2
repeat-interval = 2
weekly-active = 2
autop-time = 2
day-of-week = 2
btn-autop-now = 2
```

[Settings-Config]

```
opt-configfile = 2
opt-factory-configfile = 2
pcap_trace = 1
syslog = 1
SystemLogLevel = 2
```

```
[ Settings-DialPlan ]
replace-rule = 0
dial-now = 0
area-code = 0
block-out = 0
replace-rule-control = 0
dial-now-control = 0
area-code-control = 0
block-out-control = 0

[ Settings-Voice ]
echo-cancellation = 0
jitter-buffer = 0

[ Settings-Ring ]
personal-ring = 0

[ Softkey ]
Custom_SoftKey = 2
SoftKey_Type = 2

[ Contacts ]
contacts-basic = 0
contacts-remote = 0
contacts-callinfo = 0
contacts-LDAP = 0
contacts-multicastIP = 0
contacts-broadsoft = 0
contacts-favorite = 0

[ LocalPhoneBook ]
contact-list = 0
all-contacts-control = 0
import-export-contacts = 1
btnImportCSV = 1
btnExportCSV = 1
btnImportXML = 1
btnExportXML = 1
opt-contacts = 0

[ Contacts-Remote ]
remote-phonebook-list = 0
SRemoteNameEnable = 0
SRemoteNameFlashTime = 0
```

```
[ PhoneCallInfo ]
call-control = 0
dialed-list-title = 0
dialed-list-content = 0
missed-list-title = 0
missed-list-content = 0
received-list-title = 0
received-list-content = 0
forwarded-list-title = 0
forwarded-list-content = 0
```

```
[ LDAP ]
enable-LDAP = 0
LDAP-name-filter = 0
LDAP-number-filter = 0
server-address = 0
port = 0
base = 0
user-name = 0
password = 0
maxhits = 0
LDAP-name-attributes = 0
LDAP-number-attributes = 0
LDAP-display-name = 0
protocol = 0
LDAP-lookup-for-incoming-call = 0
LDAP-sorting-results = 0
```

```
[ Contacts-Broadsoft ]
Directories = 0
XSI = 0
```

```
[ MulticastIP ]
Receive_Priority = 0
MulticastIPConfig = 0
PagePriorityActive = 0
```

```
[ Contacts-Favorite ]
contacts-group = 0
super-search = 0
```

```
[ Security ]
password = 0
trusted_cert = 2
```

```
server_cert = 2

[ TrustCerts ]
trust-certs-records = 2
btn-delete-certs = 2
only-accept-trusted-certs = 2
upload-trust-certs = 2

[ ServerCerts ]
server-certs-records = 2
server-certs-upload = 2

[ HiddenSetting ]
custom-factory-config = 2
DND-Active = 2
Forward-Active = 2
Broadsoft-Active = 0
Redirect-Active = 0
pushxml = 2

[ GUI ]
CallControl = 0
status_general = 0
call_feature_list = 0
message_list = 0

calllog = 0
directory = 0
usermodeentry = 0
anywhere = 0
remote_office = 0
callcontrol_forward = 0
callcontrol_dnd = 0
hide_numbers = 0
anonymous_rejection = 0
simultaneous_ring = 0
initial_state = 0
acd_status_select = 0

Status_IP = 0
Status_MAC = 0
Status_HW = 0
status_list = 0
status_network = 0
```

```
status_phone = 0
status_accounts = 0

callcontrol_forward = 0
call_waiting = 0
auto_answer_list = 0
dss_key_list = 0
key_as_send = 0
advanced_call_feature_hotline = 0
anonymous_call_list = 0
advanced_call_feature_auto_redial = 0
callcontrol_dnd = 0
intercom = 0
history_save = 0

basic_setting_list = 0
advanced_setting_list = 1
Adv_Setting_BackLight = 0
language = 0
date_and_time_list = 0
sound_ringtone = 0
unlock_pin = 0
Basic_Time_SNTP = 0
Basic_Time_Manual = 0
date_and_time_dhcp_time = 0
date_and_time_format = 0
account_list = 2
network_list = 0
softkey_Label = 0
phone_setting_list = 0
reboot = 0
reset_to_factory = 0
set_password_list = 0
set_aes_key = 0
auto_provision = 0
FWD_international = 0
line_active = 0
account_label = 0
account_password = 0
display_name = 0
register_name = 0
user_name = 0
sip_server = 0
enabled-outbound-proxy-server = 2
```

```
outbound-proxy-server = 2
NAT_traversal = 2
STUN_server = 2
network_wan_port_option = 0
network_vlan_list = 0
network_wweb_server = 0
network_w802.1x = 0
network_wvpn = 0
network_wvlan = 0
network_pcvlan = 0
key_guard_lock = 0
voice_mail_list = 0
view_voice_mail = 0
set_voice_mail = 0
```


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