

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.

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-T48G, SIP-T46G, SIP-T42G, SIP-T41P, SIP-T29G, SIP-T27P, SIP-T23P/G and SIP-T21(P) E2 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**. And the default password 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**. And the default password 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**. And the default password is **user**.

Specification

Access permissions of all configuration items available on Yealink SIP-T48G/T46G/T42G/T41P/T29G/T27P/T23P/T23G/T21(P) E2 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 = X_1X_2

The valid values of X_1 , X_2 include 0, 1, 2 and 3.

X_1 is used for specifying the access level. The access levels: 2 = admin, 1 = var, 0 = user, 3 = none.

X_2 is used for defining the access permission. 2 means the configuration item is read-only for X_1 and higher access levels. 1 means the configuration item is read-only for X_1 access level, and writable for higher access levels. 0 means the configuration item is writable for X_1 and higher access levels. 3 means the configuration item is read-only for X_1 and higher access levels.

If X_2 does not exist, the configuration item is visible for X_1 and higher access levels.

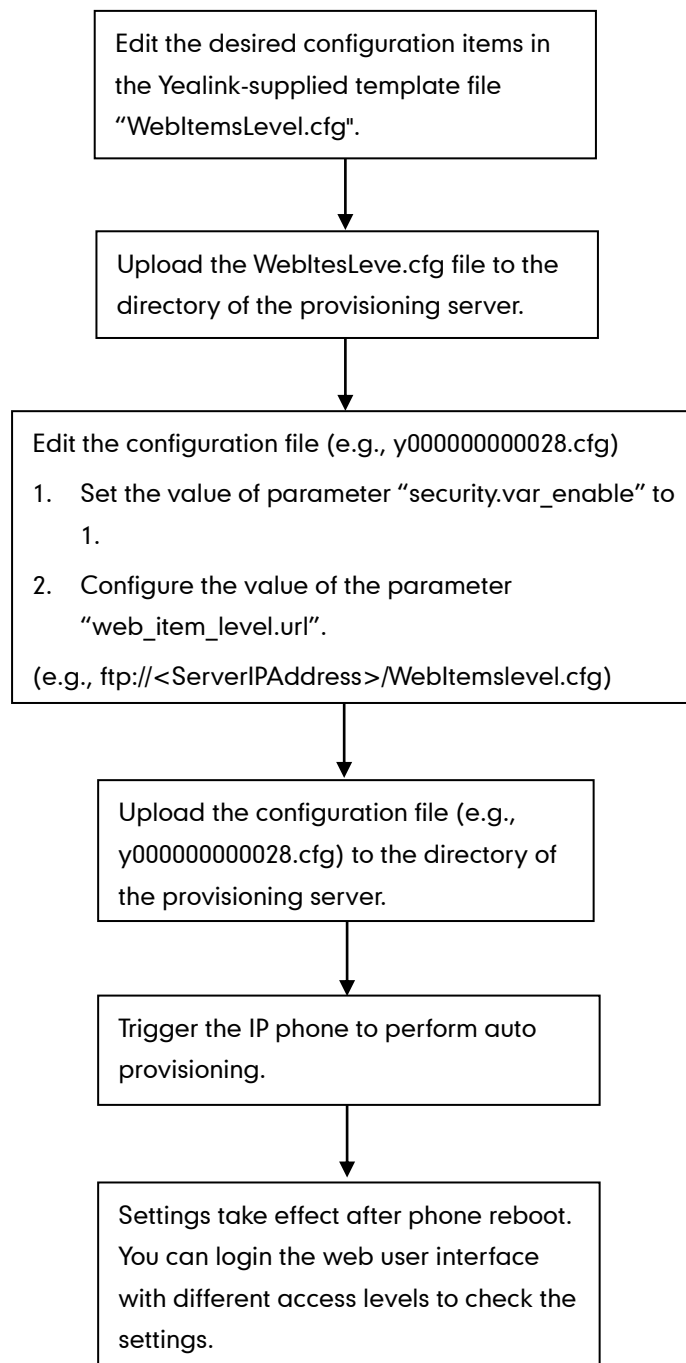
The following table lists the possible values of X_1X_2 :

Value of X_1X_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.
3	This configuration item is hidden for admin, var and user access levels.
00	This configuration item is writable for admin, var and user access levels.
01	This configuration item is read-only for user access level, writable for admin and var access levels.
02	This configuration item is read-only for var and user access levels, writable for admin access level.
03	This configuration item is read-only for admin, var and user access level.
10	This configuration item is writable for admin and var access levels, hidden for user access level.
11/12	This configuration item is read-only for var access level,

Value of X_1X_2	Description
	writable for admin access level, hidden for user access level.
13	This configuration item is read-only for var and admin access level, hidden for user access level.
20/21/22	This configuration item is writable for admin access level, hidden for var and user access levels.
23	This configuration item is read-only for admin access level, hidden for var and user access levels.
30/31/32/33	This configuration item is hidden for admin, var and user access levels.

Application

This section will introduce procedures to configure access permission of the web user interface in detail. The flow chart of configuring user access level is shown as below:



Customizing WebltemsLevel.cfg

You can ask Yealink Field Application Engineer for the template file

"WebltemsLevel.cfg", or you can download it online:

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

We recommend you only edit the desired configuration items in the supplied "WebltemsLevel.cfg" file, and keep other configuration items constant.

WebltemsLevel.cfg downloaded via auto provisioning will override that in the phone flash. Access level of any configuration item missed (including configuration value left blank) in the downloaded WebltemsLevel.cfg file will be changed to user by default.

The following shows configuration segments for the web user interface in the WebltemsLevel.cfg file for reference:

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

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

The screenshot displays the Yealink T46G web user interface. The top navigation bar includes 'Status', 'Account', 'Network', 'DSSKey', 'Features', 'Settings', 'Directory', and 'Security'. The left sidebar lists various configuration options, with 'Forward&DND' highlighted by a red box. The main content area is titled 'Forward' and contains the following sections:

- Forward**
 - Mode:** Radio buttons for 'Phone' (selected) and 'Custom'.
 - Account:** A dropdown menu showing '4608'.
 - Always Forward:** Radio buttons for 'On' and 'Off' (selected). Fields for 'Target', 'On Code', and 'Off Code' are present.
 - Busy Forward:** Radio buttons for 'On' and 'Off' (selected). Fields for 'Target', 'On Code', and 'Off Code' are present.
 - No Answer Forward:** Radio buttons for 'On' and 'Off' (selected). Fields for 'After Ring Time(0~120s)' (set to 12), 'Target', 'On Code', and 'Off Code' are present.
- DND**
 - DND Emergency:** A dropdown menu showing 'Disabled'.
 - DND Authorized Numbers:** A text input field.
 - Mode:** Radio buttons for 'Phone' (selected) and 'Custom'.
 - Account:** A dropdown menu showing '4608'.
 - DND Status:** Radio buttons for 'On' and 'Off' (selected).
 - DND On Code:** A text input field.
 - DND Off Code:** A text input field.

At the bottom of the main content area are 'Confirm' and 'Cancel' buttons. On the right side, a 'NOTE' section provides information about the Forward feature:

NOTE

Forward
This feature allows you to forward an incoming call to another phone number.

Target
The number to which the incoming calls will be forwarded.

On Code
The code that will be sent to PBX when it is switched On.

Off Code
The code that will be sent to PBX when it is switched Off.

You can click here to get more guides.

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

The screenshot displays the Yealink T46G web user interface. The top navigation bar includes tabs for Status, Account, Network, DSSKey, Features, Settings, Directory, and Security. The left sidebar lists various features, with 'Forward&DND' highlighted. The main content area is divided into two sections: 'Forward' and 'DND'.

Forward Configuration:

- Mode:** Phone (selected), Custom
- Account:** 4608
- Always Forward:**
 - On Code: [input field]
 - Off Code: [input field]
- Busy Forward:**
 - On Code: [input field]
 - Off Code: [input field]
- No Answer Forward:**
 - After Ring Time(0~120s): 12
 - On Code: [input field]
 - Off Code: [input field]

DND Configuration:

- DND Emergency:** Disabled
- DND Authorized Numbers:** [input field]
- Mode:** Phone (selected), Custom
- Account:** 4608
- DND Status:** On (selected), Off
- DND On Code:** [input field]
- DND Off Code:** [input field]

NOTE:

Forward
This feature allows you to forward an incoming call to another phone number.

Target
The number to which the incoming calls will be forwarded.

On Code
The code that will be sent to PBX when it is switched On.

Off Code
The code that will be sent to PBX when it is switched Off.

You can click here to get more help through downloading the Administrator Guide!

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 = X".

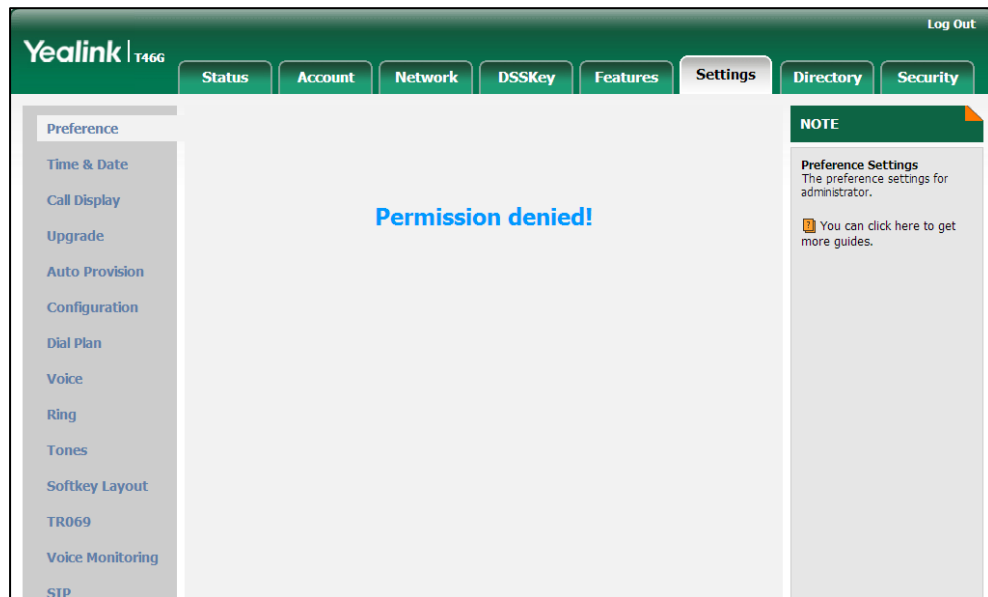
If the access permission of the first navigation configuration item for each main page is restricted, the access to the main web page will be denied.

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

Main Page	First Navigation Item	Configuration Item
Account	Register	account-register
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 ]
switch-account = 0
account_status = 0
line_active = 0
account_label = 11
display_name = 01
register_name = 03
user_name = 01
account_password = 12
enabled-outbound-proxy-server = 01
outbound-proxy-server = 01
transport-item = 11
NAT_traversal = 12
sip_server = 2
```

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:

The screenshot shows the Yealink T466 web user interface. The top navigation bar includes 'Status', 'Account', 'Network', 'DSSKey', 'Features', 'Settings', 'Directory', and 'Security'. The 'Account' tab is selected. On the left, there is a sidebar with 'Register', 'Basic', 'Codec', and 'Advanced' options. The main content area is titled 'Account' and shows 'Account 1' selected. The configuration fields are as follows:

Field	Value
Register Status	Registered
Line Active	Enabled
Display Name	1004
Register Name	1004
User Name	1004
Enable Outbound Proxy Server	Disabled
Outbound Proxy Server	Port 5060

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

Display Name
SIP service subscriber's name which will be used for Caller ID display.

Register Name
SIP service subscriber's ID used for authentication.

User Name
User account, provided by VoIP service provider.

NAT Traversal
Defines the STUN server will be active or not.

Below the notes, there is a link: "You can click here to get more help through download Administrator Guide!"

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

The screenshot shows the Yealink T466 web user interface. The top navigation bar includes 'Status', 'Account', 'Network', 'DSSKey', 'Features', 'Settings', 'Directory', and 'Security'. The 'Account' tab is selected. On the left, there is a sidebar with 'Register', 'Basic', 'Codec', and 'Advanced' options. The main content area is titled 'Account' and shows 'Account 1' selected. The configuration fields are as follows:

Field	Value
Register Status	Registered
Line Active	Enabled
Label	1004
Display Name	1004
Register Name	1004
User Name	1004
Password	*****
Enable Outbound Proxy Server	Disabled
Outbound Proxy Server	Port 5060
NAT	Disabled

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

Display Name
SIP service subscriber's name which will be used for Caller ID display.

Register Name
SIP service subscriber's ID used for authentication.

User Name
User account, provided by VoIP service provider.

NAT Traversal
Defines the STUN server will be active or not.

Below the notes, there is a link: "You can click here to get more help through download Administrator Guide!"

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

The screenshot shows the Yealink T46G web interface. The top navigation bar includes tabs for Status, Account, Network, DSSKey, Features, Settings, Directory, and Security. The 'Account' tab is selected. On the left, there is a sidebar with 'Register', 'Basic', 'Codec', and 'Advanced' options. The main content area is titled 'Account' and shows configuration for 'Account 1'. Fields include 'Register Status' (Registered), 'Line Active' (Enabled), 'Label' (1004), 'Display Name' (1004), 'Register Name' (1004), 'User Name' (1004), and 'Password' (masked). Below these are two sections for 'SIP Server 1' and 'SIP Server 2', each with fields for 'Server Host', 'Transport' (UDP), 'Server Expires' (3600), and 'Server Retry Counts' (3). At the bottom, there are fields for 'Enable Outbound Proxy Server' (Disabled), 'Outbound Proxy Server' (empty), and 'NAT' (Disabled). A 'Confirm' button is at the bottom center. On the right, a 'NOTE' section contains information about 'Display Name', 'Register Name', 'User Name', and 'NAT Traversal', along with a link to download the Administrator Guide.

For more information on parameters of the WebItemsLevel.cfg file, refer to [Appendix-A: Configuration Parameters](#) on page 19.

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

If you set the access permission of the high level, it will have an impact on that of the low level. In the following examples, the call forward menu has a higher level than always forward/busy forward/no answer forward submenu.

Example1: Configuration items in the WebItemsLevel.cfg for call forward menu and its submenu settings:

```
[ GUI ]
callcontrol_forward = 02
always-forward = 10
busy-forward = 00
NoAnswer-forward = 00
```

Note: The configuration of busy forward is the same as the one of the no answer forward, so the following figures take busy forward as an example.

According to the above configuration of access level, when logging in to the phone user interface with user access level, the access permission of each submenu is displayed as below:

Always forward submenu is hidden for user access level:



Busy forward/no answer forward submenu is read-only for user access level:



When logging in to the phone user interface with var access level, the access permission of each submenu is displayed as below:

Always forward submenu is read-only for var access level:



Busy forward/no answer forward submenu is read-only for var access level:

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

Always forward submenu is writable for admin access level:

Busy forward/no answer forward submenu is writable for admin access level:

Example2: Configuration items in the WebItemsLevel.cfg for call forward menu and its submenu settings:

```
[ GUI ]
callcontrol_forward = 00
always-forward = 01
busy-forward = 02
NoAnswer-forward = 00
```

According to the above configuration of access level, when logging in to the phone user interface with user access level, the access permission of each submenu is displayed as below:

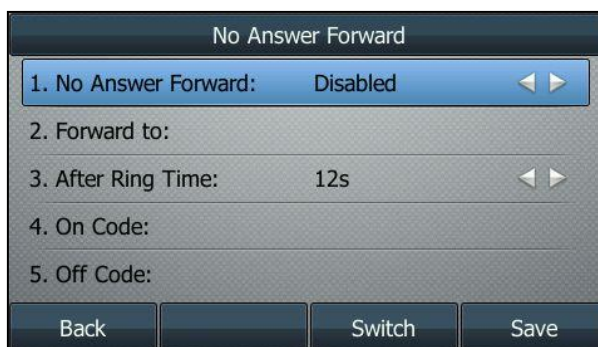
Always forward submenu is read-only for user access level:



Busy forward submenu is read-only for user access level:



No answer forward submenu is writable for user access level:



When logging in to the phone user interface with var access level, the access permission of each submenu is displayed as below:

Always forward submenu is writable for var access level:

The screenshot shows a configuration window titled "Always Forward". It contains four numbered settings: 1. "Always Forward:" with a toggle switch set to "Disabled"; 2. "Forward to:" with an empty text field; 3. "On Code:" with an empty text field; and 4. "Off Code:" with an empty text field. At the bottom, there are four buttons: "Back", an empty button, "Switch", and "Save".

Busy forward submenu is read-only for var access level:

The screenshot shows a configuration window titled "Busy Forward". It contains four numbered settings: 1. "Busy Forward:" with a toggle switch set to "Disabled"; 2. "Forward to:" with an empty text field; 3. "On Code:" with an empty text field; and 4. "Off Code:" with an empty text field. At the bottom, there are four buttons: "Back", an empty button, an empty button, and an empty button.

No answer forward submenu is writable for var access level:

The screenshot shows a configuration window titled "No Answer Forward". It contains five numbered settings: 1. "No Answer Forward:" with a toggle switch set to "Disabled"; 2. "Forward to:" with an empty text field; 3. "After Ring Time:" with a value of "12s" and a toggle switch; 4. "On Code:" with an empty text field; and 5. "Off Code:" with an empty text field. At the bottom, there are four buttons: "Back", an empty button, "Switch", and "Save".

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

Always forward submenu is writable for admin access level:

Busy forward submenu is writable for admin access level:

No answer forward submenu is writable for admin access level:

For more information on parameters of the WebItemsLevel.cfg file, refer to [Appendix-A: Configuration Parameters](#) on page 19.

Configuring Yealink IP Phones

User access level feature is disabled for Yealink

SIP-T48G/T46G/T42G/T41P/T29G/T27P/T23P/T23G/T21(P) E2 IP phones in neutral firmware version by default. Before using this feature, you need to enable it through auto provisioning introduced as following. User access level feature is configurable only via configuration files.

To configure user access level feature for Yealink IP phones:

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

Parameters	Permitted Values	Default
security.var_enable	0 or 1	0
Description: This parameter is used to enable or disable the login of the web/phone user interface with different access levels. 0 -Disabled 1 -Enabled It takes effect after reboot. Web User Interface: None Phone User Interface: None		
web_item_level.url	FTP, TFTP, HTTP or HTTPS download URL	Blank
Description: This parameter is used to configure the access URL of the WebItemsLevel.cfg file. It takes effect after reboot. Web User Interface: None Phone User Interface: None		

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.
3. Configure the access URL of the provisioning server for the IP phone.
4. Trigger the IP phone to perform auto provisioning.

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

Yealink SIP-T2 Series_T4 Series_IP_Phones_Auto_Provisioning_Guide, available online:

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

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 user name (admin/var/user) and password (admin/var/user) in the login page.
4. Click **Confirm** to login.

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->UserMode**.
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.





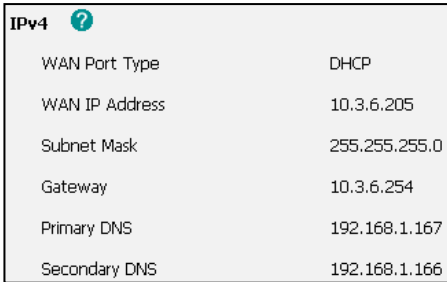
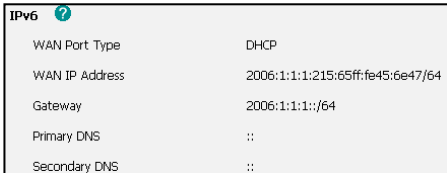
4. Press the **Save** soft key to accept the change.

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

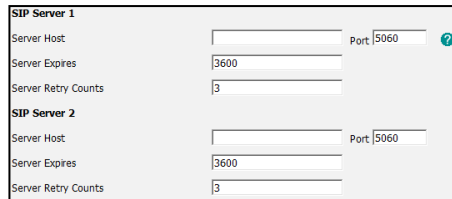
Appendix-A : Configuration Parameters

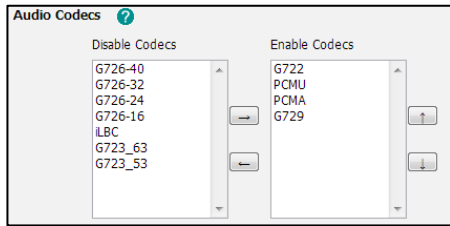
Configuration Parameters of Web User Interface

The following table lists configuration items in the WebItemslevel.cfg file with associated configurations on the web user interface (take SIP-T46G IP phones as an example for reference):

Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
[Status-Menu]	Status-Basic = 0	Status->Status (the whole page)
	Status-RTP = 0	Status->RTP Status (the whole page)
[Status]	version = 0	Status->Version 
	network = 0	Status->Network 
	IPv4 = 0	Status->IPv4 
	IPv6 = 0	Status->IPv6 
	NetworkCommon = 0	Status->Network Common


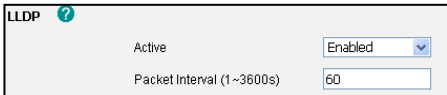

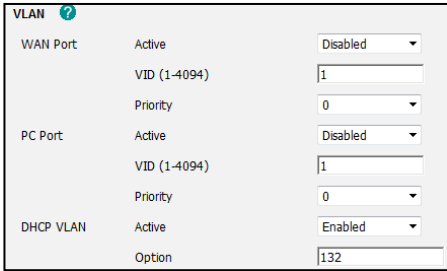
Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
		<div>Network Common ?</div> <div><div>MAC Address001565456e47</div><div>Link StatusConnected</div><div>Device TypeBridge</div></div>
	AccountStatus = 0	<div>Status->Account Status</div> <div>Account Status ?</div> <div><div>Account11010@10.2.1.199 : Registered</div><div>Account2Disabled</div><div>Account3Disabled</div><div>Account4Disabled</div><div>Account5Disabled</div><div>Account6Disabled</div></div>
	Ext = 0 (only applicable to SIP-T48G/T46G/T29G/T27P IP phones)	<div>Status->Ext</div> <div>For SIP-T29G and SIP-T27P:</div> <div>Ext ?</div> <div><div>EXP391Hardware Version32.0.0.0</div><div>EXP391Firmware Version5.16.0.0</div></div> <div>For SIP-T48G and SIP-T46G:</div> <div>Ext ?</div> <div><div>EXP401Hardware Version66.0.0.0</div><div>EXP401Firmware Version6.16.0.0</div></div>
[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]	switch-account = 0	Account->Register->Account
	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 =	Account->Register->Password

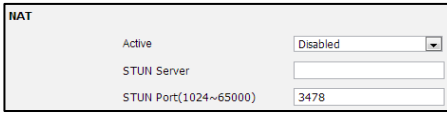
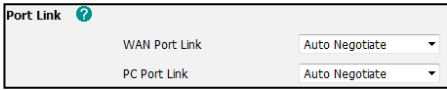


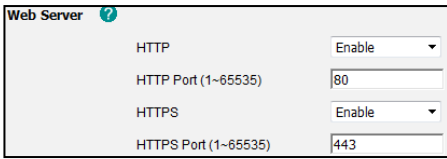
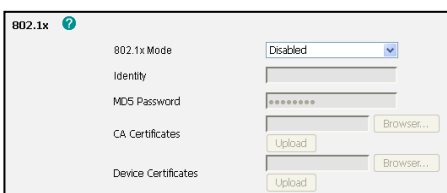

Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	2	
	enabled-outbound-proxy-server = 01	Account->Register->Enable Outbound Proxy Server
	outbound-proxy-server = 01	Account->Register->Outbound Proxy Server
	transport-item = 2	Account->Register->Transport
	NAT_traversal = 2	Account->Register->NAT
	sip_server = 2	Account->Register->SIP Server 1/2 
[Account-Basic]	switch-account = 0	Account->Basic->Account
	proxy_require = 0	Account->Basic->Proxy Require
	send_anonymous = 1	Account->Basic->Local Anonymous
	anonymous_call_enabled = 0 (for neutral firmware version only)	Account->Basic->Send Anonymous Code
	anonymous_call_OnCode = 1 (for neutral firmware version only)	Account->Basic->On Code
	anonymous_call_OffCode = 1 (for neutral firmware version only)	Account->Basic->Off Code
	anonymous_rejection_enabled = 0	Account->Basic->Local Anonymous Rejection
	anonymous_rejection_OnCode = 1 (for neutral firmware version only)	Account->Basic->On Code
	anonymous_rejection	Account->Basic->Off Code

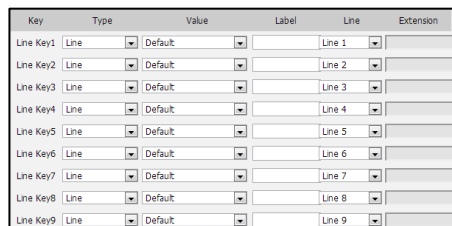
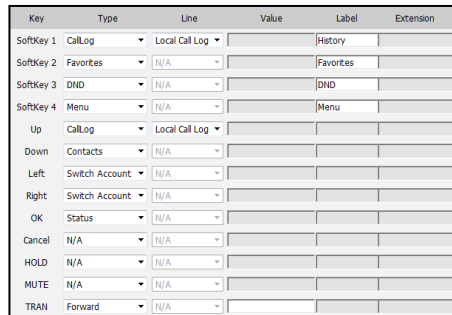
Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	_OffCode = 1 (for neutral firmware version only)	
	misscall-log = 0	Account->Basic->Missed Call Log
	auto-answer = 0	Account->Basic->Auto Answer
	ring-type = 0	Account->Basic->Ring Type
	send_anonymous_rejection_code = 0 (for neutral firmware version only)	Account->Basic->Send Anonymous Rejection Code
[Account-Codec]	switch-account = 0	Account->Codec->Account
	codecs-group = 0	Account->Codec 
[Account-Adv]	switch-account = 0	Account->Advanced->Account
	UDP_keep-alive = 2	Account->Advanced->Keep Alive Type Account->Advanced->Keep Alive Interval (Seconds)
	rport = 2	Account->Advanced->RPort
	subscribe-period = 2	Account->Advanced->Subscribe Period (Seconds)
	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

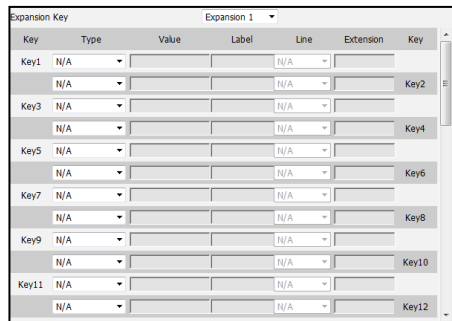

Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	MWI-items = 2	Account->Advanced->Subscribe for MWI Account->Advanced->MWI Subscription Period (Seconds) Account->Advanced->Subscribe MWI To Voice Mail
	voice_mail = 0	Account->Advanced->Voice Mail
	caller-ID-header = 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)
	share-line = 2	Account->Advanced->Shared Line
	Call-Pull-Feature-Access-Code = 2	Account->Advanced->Call Pull Feature access code
	dialog-info-call-pickup = 2	Account->Advanced->Dialog Info Call Pickup
	BLF-list-URI = 2	Account->Advanced->BLF List URI
	BlfListCode = 2	Account->Advanced->BLF List Pickup Code
	BLFListBargeInCode = 2	Account->Advanced->BLF List Barge In Code
	BLF-List-Retrieve-Code = 2	Account->Advanced->BLF List Retrieve Call Parked Code
	BLA-number = 2	Account->Advanced->BLA Number

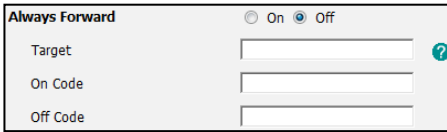
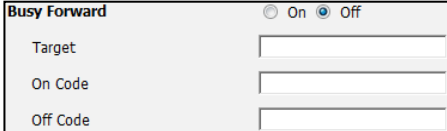
Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	BLA-subscription-period = 2	Account->Advanced->BLA Subscription Period
	SIP-send-MAC = 2	Account->Advanced->SIP Send MAC
	SIP-send-line = 2	Account->Advanced->SIP Send Line
	SIP-Reg-retry-timer = 2	Account->Advanced->SIP 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)
	Earlymedia = 2	Account->Advanced->Early Media
	SIPServerType = 2	Account->Advanced->SIP Server Type
	Music-ServerURI = 2	Account->Advanced->Music Server URI
	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
	RTCP-Collector-Name = 2	Account->Advanced->VQ RTCP-XR Collector name
	RTCP-Collector-Address = 2	Account->Advanced->VQ RTCP-XR Collector address
	RTCP-Collector-Port = 2	Account->Advanced->VQ RTCP-XR Collector port
	Number-Of-Linekey = 2	Account->Advanced->Number of line key

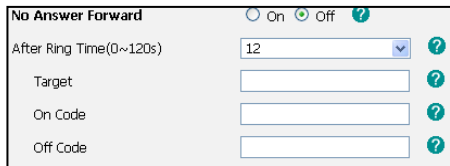
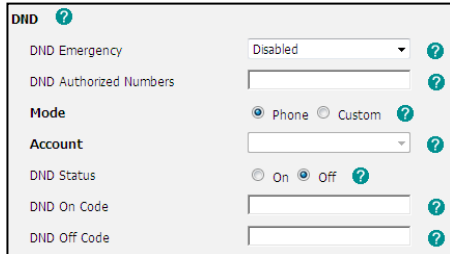
Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	voice_mail_display = 2	Account->Advanced->Voice Mail Display
[Network]	network-basic = 0	Network->Basic (the whole page)
	network-pcport = 0	Network->PC Port (the whole page)
	network-advanced = 0	Network->Advanced (the whole page)
	shotlevel = 0	
[Network-Basic]	ipaddress-mode = 2	Network->Basic->Internet Port->Mode (IPv4/IPv6)
	ipv4config = 2	Network->Basic-> IPv4 Config
	ipv6config = 2	Network->Basic-> IPv6 Config
	wan-ppoe = 0 (not applicable to SIP-T42G/T41P IP phones)	Network->Basic->PPPoE Network->Basic->PPPoE User Name Network->Basic->PPPoE Password
[Network-PCPort]	pcport-active = 0	Network->PC Port->Active 
[Network-Advanced]	LLDP-items = 2	Network->Advanced->LLDP 
	CDP-items = 2	Network->Advanced->CDP 
	VLAN-items = 2	Network->Advanced->VLAN 
	NAT-items = 2	Network->Advanced->NAT

Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
		
	port-link = 2	Network->Advanced->Port Link 
	voice-QoS = 2	Network->Advanced->Voice QoS 
	local-RTP-port = 2	Network->Advanced->Local RTP Port 
	web-server = 2	Network->Advanced->Web Server 
	8021x = 2	Network->Advanced->802.1x 
	span-to-pc-port = 2	Network->Advanced->Span to PC
	reg-surge-prev = 2	Network->Advanced->Registration Random
	ICMPv6_Status = 2 (only applicable to SIP-T48G/T46G/T29G IP phones)	Network->Advanced-> ICMPv6 Status
	open-VPN = 2	Network->Advanced->VPN 

Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
[DSSKey]	linekey = 0	DSSKey->Line Key (the whole page)
	programmablekey = 0	DSSKey->Programmable Key (the whole page)
	extkey = 0 (only applicable to SIP-T48G/T46G/T29G/T27P IP phones)	DSSKey->Ext Key (the whole page)
[LineKey]	line-key = 0	DSSKey->Line Key 
	Enable-Page-Tips = 0 (not applicable to SIP-T48G/T23P/T23G/T21(P) E2 IP phones)	DSSKey->Line Key->Enable Page Tips
	Label-Length = 0 (only applicable to SIP-T48G/T46G/T29G IP phones)	DSSKey->Line Key->Label Length
[ProgramKey]	programmable-key = 0	DSSKey->Programmable Key 
[ExtKey] (only applicable to SIP-T48G/T46G/T29G/T27P IP phones)	ext-key = 0	DSSKey->Ext Key

Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
		
[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	Features->Remote Control (the whole page)
	features-phonelock = 0	Features->Phone Lock (the whole page)
	features-acd = 0	Features->ACD (the whole page)
	features-sms = 0	Features->SMS (the whole page)
	features-actionurl = 0	Features->Action URL (the whole page)
	features-bluetooth = 0 (only applicable to SIP-T48G/T46G/T29G IP phones)	Features->Bluetooth (the whole page)
	features-powerled = 0	Features->Power LED (the whole page)
	features-notifypop = 0	Features->Notification Popups (the whole page)
[Forward&DND]	head-forward = 0	Features->Forward & DND-> Forward 

Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	forward-mode = 0	Features->Forward & DND->Forward->Mode
	forward-account = 0	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
	always-forward-OnCode = 0 (for neutral firmware version only)	Features->Forward & DND->On Code
	always-forward-OffCode = 0 (for neutral firmware version only)	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 (for neutral firmware version only)	Features->Forward & DND->On Code

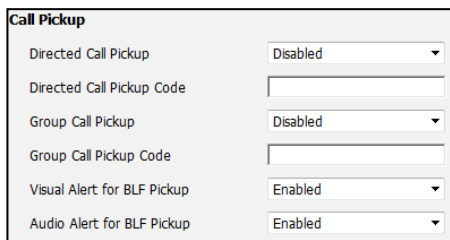
Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	busy-forward-OffCode = 0 (for neutral firmware version only)	Features->Forward & DND->Off Code
	NoAnswer-forward = 0	Features->Forward & DND->No Answer Forward 
	NoAnswer-forward-enabled = 0	Features->Forward & 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 (for neutral firmware version only)	Features->Forward & DND->On Code
	NoAnswer-forward-OffCode = 0 (for neutral firmware version only)	Features->Forward & DND->Off Code
	DND = 0	Features->Forward & DND 
	DND-Emergency = 0	Features->Forward & DND->DND Emergency
	DND-Authorized-Numbers = 0	Features->Forward & DND->DND Authorized Numbers

Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	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 (for neutral firmware version only)	Features->Forward & DND->DND On Code
	DND-OffCode = 01 (for neutral firmware version only)	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->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 =	Features->General Information->

Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	0	Return Code When Refuse
	return-code-DND = 0	Features->General Information->Return Code When DND
	call_completion = 0	Features->General Information->Call Completion
	feature-key-synchronization = 0	Features->General Information->Feature Key Synchronization
	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
	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
	play-local-DTMF-tone = 0	Features->General Information->Play Local DTMF Tone
	DTMFRepetition = 0	Features->General Information->DTMF Repetition

Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	MulticastCodec = 0	Features->General Information->Multicast Codec
	PlayHoldTone = 0	Features->General Information->Play Hold Tone
	PlayHoldToneDelay = 0	Features->General Information->Play Hold Tone Delay
	AllowMute = 0	Features->General Information->Allow Mute
	DualHeadset = 1	Features->General Information->Dual-Headset
	AutoAnswerDelay = 0	Features->General Information->Auto-Answer Delay(1~4s)
	HeadsetPrior = 0	Features->General Information->Headset Prior
	DTMFReplaceTran = 0	Features->General Information->DTMF Replace Tran
	TranSendDTMF = 1	Features->General Information->Tran Send DTMF
	SendPoundKey = 0	Features->General Information->Send Pound Key
	FwdInternational = 0	Features->General Information->Fwd International
	Diversion-History-Info = 1	Features->General Information->Diversion/History-Info
	allow-trans-exist-call = 0 (not applicable to SIP-T48G/T46G/T29G IP phones)	Features->General Information->Allow Trans Exist Call
	blf-led-mode = 2	Features->General Information->BLF LED Mode
	ReLogOffTime = 2	Features->General Information->Auto-Logout Time (1~1000min)
	call-number-filter = 0	Features->General Information-> Call Number Filter

Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	Use_Logo = 0 (not applicable to SIP-T48G/T46G/T29G IP phones)	Features->General Information->Use Logo
	upload_logo = 0 (not applicable to SIP-T48G/T46G/T29G IP phones)	Features->General Information->Upload Logo
	allow-IP-call = 0	Features->General Information->Allow IP Call
	sip-trust-control = 2	Features->General Information->Accept SIP Trust Server Only
	IP-direct-auto-answer = 0	Features->General Information-> IP Direct Auto Answer
	calllog-show-num = 0	Features->General Information->Call List Show Number
	voicemail-tone = 0	Features->General Information->Voice Mail Tone
	DHCP-hostname = 0	Features->General Information->DHCP Hostname
	reboot-in-talking = 0 (not applicable to SIP-T48G/T46G/T42G/T41P/T29G IP phones)	Features->General Information->Reboot In Talking
	Hide-Feature-Access-Codes = 0	Features->General Information->Hide Feature Access Codes
	display-method-on-dialing = 2	Features->General Information->Display Method on Dialing
	auto-linekeys = 1	Features->General Information->Auto Linekeys
[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



Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	send-sound = 0	Features->Audio->Send Sound
	Ringer_Dev = 0	Features->Audio->Ringer Device for 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-Trans-OnHook = 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 
[Features-Remote]	pushxml-server-addr = 2	Features->Remote Control->Push XML Server IP Address
	XMLSIPNotify = 2	Features->Remote Control->SIP Notify
	XMLBlockInCalling = 1	Features->Remote Control->Block XML In Calling
	ActionURILimitIP = 2	Features->Remote Control->Action URI allow IP List
[Features-Lock]	Lock_Enable = 2	Features->Phone Lock->Phone Lock Enable

Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	keyboard_lock = 2 (not applicable to SIP-T48G IP phones)	Features->Phone Lock->Phone 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-timer = 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 = 2	Features->Action URL->Open Always Forward
	Forward-Off-Code = 2	Features->Action URL->Close Always Forward
	Busy-Forward-On = 2	Features->Action URL->Open Busy Forward

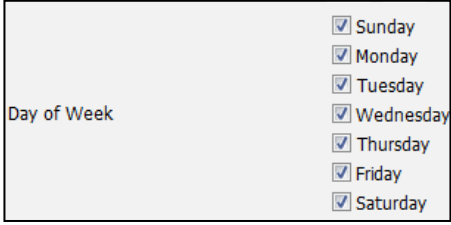
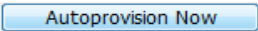
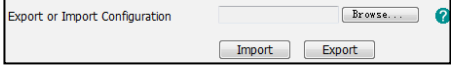
Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	Busy-Forward-Off = 2	Features->Action URL->Close Busy Forward
	No-Answer-Forward-On = 2	Features->Action URL->Open No Answer Forward
	No-Answer-Forward-Off = 2	Features->Action URL->Close No Answer Forward
	TransferCall = 2	Features->Action URL->Transfer Call
	Blind-transfer-call = 2	Features->Action URL->Blind Transfer
	Attended-transfer-call = 2	Features->Action URL->Attended Transfer
	Hold = 2	Features->Action URL->Hold
	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
	IPChange = 2	Features->Action URL->IP Changed
	IdletoBusy = 2	Features->Action URL->Idle To Busy
	Busytoidle = 2	Features->Action URL->Busy To Idle
	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
	UCServer = 2	Features->Action URL->UCServer (only appear when the parameter "action_url.is_ume" is set to 1)
	ReportIP = 2	Features->Action URL-> Report IP (only appear when the parameter



Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
		"action_url.is_ume" is set to 1)
	AutopFinish = 2	Features->Action URL->Autop Finish
[Features-Bluetooth]	bluetooth-active = 0 (only applicable to SIP-T48G/T46G/T29G IP phones)	Features->Bluetooth->Bluetooth Active
[Features-Power LED]	common-power-light-on = 0	Features->Power LED->Common Power Light On
	ring-power-light-flash = 0	Features->Power LED->Ring Power Light Flash
	mail-power-light-flash = 0	Features->Power LED->Voice/Text Mail Power Light Flash
	mute-power-light-flash = 0	Features->Power LED->Mute Power Light Flash
	hold-power-light-flash = 0	Features->Power LED->Hold/Held Power Light Flash
	talk-power-light-flash = 0	Features->Power LED->Talk/Dial Power Light On
[Features-Notify Pop]	Display-Voice-Mail-Popup = 0	Features-> Notification Popups->Display Voice Mail Popup
	Display-Missed-Call-Popup = 0	Features-> Notification Popups->Display Missed Call Popup
	Display-Forward-Call-Popup = 0	Features-> Notification Popups->Display Forward Call Popup
	Display-Text-Message-Popup = 0	Features-> Notification Popups->Display Text Message Popup
[Settings]	settings-preference = 0	Settings->Preference (the whole page)
	settings-datetime = 0	Settings->Time & Date (the whole page)
	settings-calldisplay = 0	Settings->Call Display (the whole page)
	settings-upgrade = 0	Settings->Upgrade (the whole page)
	settings-autop = 0	Settings->Auto Provision (the whole page)

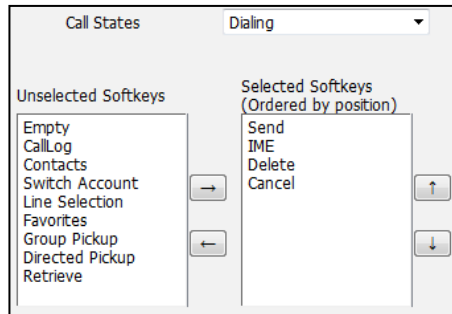
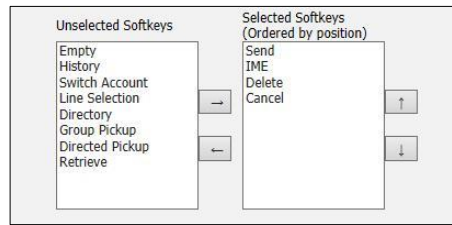
Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
		page)
	settings-config = 0	Settings->Configuration (the whole page)
	settings-dialplan = 0	Settings->Dial Plan (the whole page)
	settings-voice = 0	Settings->Voice (the whole page)
	settings-ring = 1	Settings->Ring (the whole page)
	settings-tones = 0	Settings->Tones (the whole page)
	settings-softkey = 2	Settings->Softkey Layout (the whole page)
	settings-tr069 = 2	Settings->TR069 (the whole page)
	settings-voicemonitoring = 2	Settings->Voice Monitoring (the whole page)
	settings-sip = 1	Settings->SIP (the whole page)
[Settings-Preference]	web-language = 0	Settings->Preference->Language
	live-dialpad = 0	Settings->Preference->Live Dialpad
	inter-digit-time = 0	Settings->Preference->Inter Digit Time(1~14s)
	UnusedBackLight = 0 (only applicable to SIP-T48G/T46G/T29G IP phones)	Settings->Preference->Backlight Inactive Level
	backlight = 0 (only applicable to SIP-T48G/T46G/T29G/T27P IP phones)	Settings->Preference->Backlight Active Level
	BacklightTime = 0	Settings->Preference->Backlight Time
	contrast_ctrl = 0 (only applicable to SIP-T27P/T23P/T23G/T21(P) E2 IP phones)	Settings->Preference->Contrast
	watchdog = 2	Settings->Preference->Watch Dog
	ring_type_setting = 0	Settings->Preference->Ring Type Settings->Preference->Upload

Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
		Ringtone
	Wallpaper = 0 (only applicable to SIP-T48G/T46G/T29G IP phones)	Settings->Preference->Wallpaper Settings->Preference->Upload Wallpaper (480*272)
[Time&Date]	DHCP-Time = 0	Settings->Time & Date->DHCP Time
	time_zone = 0	Settings->Time & Date->Time Zone
	NTP_priority = 0	Settings->Time & Date->NTP By DHCP Priority
	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)
	daylight-time = 0	Settings->Time & Date->Daylight Saving Time
	time_type = 0	Settings->Time & Date->Fixed Type
	daylight_date = 0	Settings->Time & Date->Start Date Settings->Time & Date->End Date
	offset = 0	Settings->Time & Date->Offset (minutes)
	manual-time = 0	Settings->Time & Date->Manual Time 
	manual-time-settings = 0	Settings->Time & Date->Manual Time 
	time_format_setting = 0	Settings->Time & Date->Time Format
	date_format_setting = 0	Settings->Time & Date->Date Format
[Settings-CallDisplay]	Display-Contact-Photo = 0	Settings->Call Display->Display Contact Photo

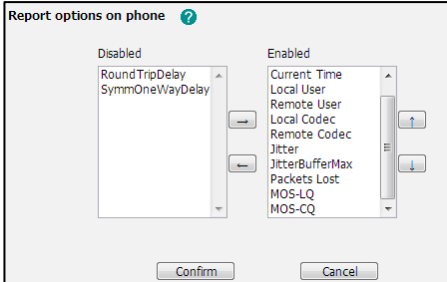
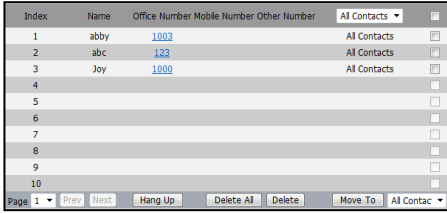
Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	(only applicable to SIP-T48G/T46G/T29G IP phones)	
	Incoming-Call-Ringer-Animation = 0	Settings->Call Display->Display Called Party Information
	Call-Display-Method = 0	Settings-> Call Display->Call Information Display Method
[Settings-Upgrade]	version_info = 0	Settings->Upgrade->Version <div> Version Firmware Version 28.71.0.60 Hardware Version 28.1.0.128.0.0.0 </div>
	reset_to_factory = 1	Settings->Upgrade->Reset to Factory Setting
	reset_local_config = 0	Settings->Upgrade->Reset Local Configuration
	reboot_device = 0	Settings->Upgrade->Reboot
	upgrade_firmware = 1	Settings->Upgrade->Select and Upgrade Firmware
[Settings-AutoProvision]	pnip-active = 2	Settings->Auto Provision->PNP Active
	dhcp-active = 2	Settings->Auto Provision->DHCP Active
	custom-option = 2	Settings->Auto Provision->Custom Option(128~254)
	DHCP-Option-Value = 2	Settings->Auto Provision->DHCP Option Value
	server-URL = 2	Settings->Auto Provision->Server URL
	account = 2	Settings->Auto Provision->User Name
	password = 2	Settings->Auto Provision->Password
	common-AES-key = 2	Settings->Auto Provision->Common AES Key
	MAC-Oriented-AES-key = 2	Settings->Auto Provision -> MAC-Oriented AES Key
	zero_active = 2	Settings->Auto Provision->Zero Active
	wait_time = 2	Settings->Auto Provision->Wait Time (0~100s)

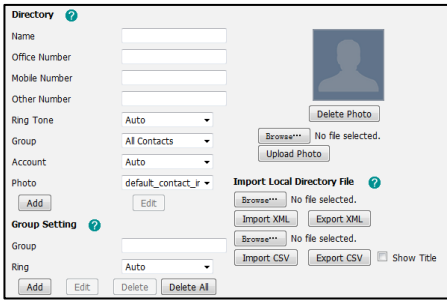
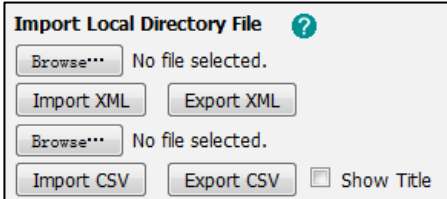

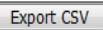
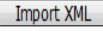
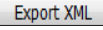
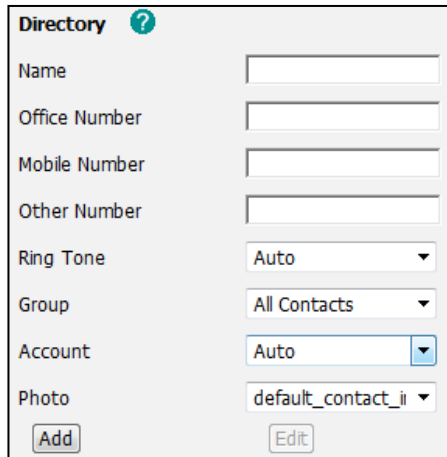
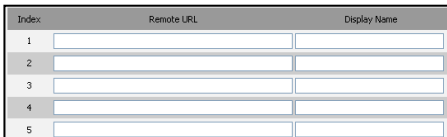
Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	poweron-active = 2	Settings->Auto Provision->Power On
	repeatedly-active = 2	Settings->Auto Provision->Repeatedly
	repeat-interval = 2	Settings->Auto Provision->Interval (Minutes)
	weekly-active = 2	Settings->Auto Provision->Weekly
	autop-time = 2	Settings->Auto Provision->Time
	day-of-week = 2	Settings->Auto Provision->Day of Week 
	btn-autop-now = 2	Settings->Auto Provision-> 
[Settings-Config]	opt-configfile = 1	Settings->Configuration->Export or Import Configuration 
	opt-factory-configfile = 2	Settings->Configuration->Import Factory Configuration
	export-cfg-config-file = 2	Settings->Configuration->Export CFG Configuration File
	import-cfg-config-file = 2	Settings->Configuration->Import CFG Configuration File
	pcap_trace = 1	Settings->Configuration->Pcap Feature
	syslog = 1	Settings->Configuration->Export System Log
	SystemLogLevel = 2	Settings->Configuration->System Log Level
[Settings-DialPlan]	replace-rule = 0	Settings->Dial Plan->Replace Rule (the whole page)

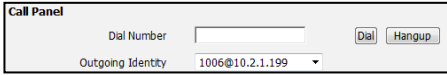
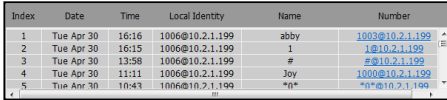
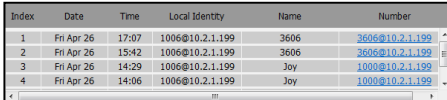
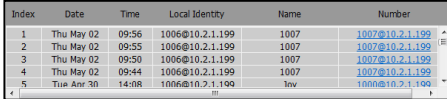
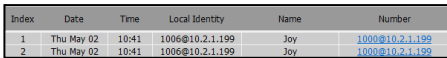
Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	dial-now = 0	Settings->Dial Plan->Dial-now (the whole page)
	area-code = 0	Settings->Dial Plan->Area Code (the whole page)
	block-out = 0	Settings->Dial Plan->Block Out (the whole page)
	replace-rule-control = 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->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(X=1,2,...,10) Settings->Dial Plan->Block Out->Account
[Settings-Voice]	echo-cancellation = 0	Settings->Voice->Echo Cancellation 
	jitter-buffer = 0	Settings->Voice->JITTER BUFFER 

Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
[Settings-Ring]	personal-ring = 0	Settings->Ring->Internal Ringer Text Settings->Ring->Internal Ringer File
[Settings-Tones]	tone-items = 0	Settings->Tones->Select Country Settings->Tones->Dial Settings->Tones->Ring Back Settings->Tones->Busy Settings->Tones->Congestion Settings->Tones->Call Waiting Settings->Tones->Dial Recall Settings->Tones->Info Settings->Tones->Stutter Settings->Tones->Message Settings->Tones->Auto Answer
[Softkey]	Custom_SoftKey = 2	Settings->Softkey Layout->Custom Softkey
	SoftKey_Type = 2	Settings->Softkey Layout->Call States 
	SoftKey_Select = 2	Settings->Softkey Layout 
[TR069]	head = 2	Settings->TR069-> TR069 ?
	EnableTR069 = 2	Settings->TR069->Enable TR069
	ACSUsername = 2	Settings->TR069->ACS Username
	ACSPassword = 2	Settings->TR069->ACS Password


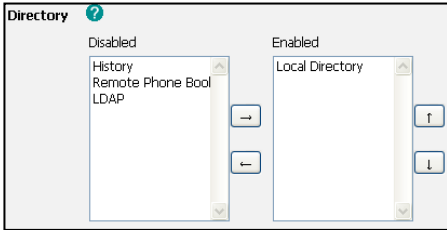
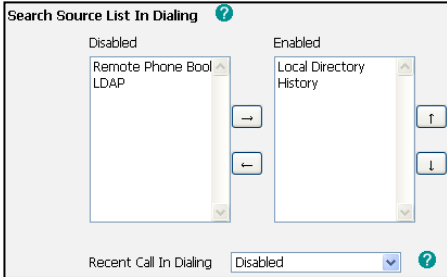
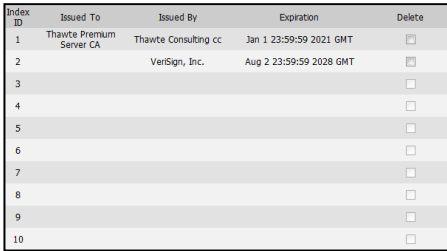

Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	ACSURL = 2	Settings->TR069->ACS URL
	EnablePeriodicInform = 2	Settings->TR069->Enable Periodic Inform
	PeriodicInformInterval = 2	Settings->TR069->Periodic Inform Interval (seconds)
	RequestUsername = 2	Settings->TR069->Connection Request Username
	RequestPassword = 2	Settings->TR069->Connection Request Password
[Settings-Voice Monitoring]	RTCP-Session-Report = 2	Settings->Voice Monitoring->VQ RTCP-XR Session Report
	RTCP-Interval-Report = 2	Settings->Voice Monitoring-> VQ RTCP-XR Interval Report
	RTCP-Interval-Period = 2	Settings-> Voice Monitoring->Period for Interval Report
	RTCP-Warning-Moslq = 2	Settings->Voice Monitoring->Warning threshold for Moslq
	RTCP-Critical-Moslq = 2	Settings->Voice Monitoring->Critical threshold for Moslq
	RTCP-Warning-Delay = 2	Settings->Voice Monitoring->Warning threshold for Delay
	RTCP-Critical-Delay = 2	Settings->Voice Monitoring-> Critical threshold for Delay
	Display-VQReport-On-Web = 2	Settings->Voice Monitoring-> Display Report options on Web
	Display-VQReport-On-UI = 2	Settings-> Voice Monitoring-> Display Report options on phone
	RTCP-Report-Options = 2	Settings->Voice Monitoring->Report options on phone

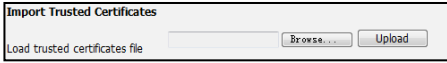



Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
		
[Settings-SIP] (not applicable to SIP-T48G IP phones)	sip-session-timer = 2	Settings->SIP->SIP Session Timer T1 (0.5~10s) Settings->SIP->SIP Session Timer T2 (2~40s) Settings->SIP->SIP Session Timer T4 (2.5~60s)
	local-SIP-port = 2	Settings->SIP->Local SIP Port
	TLS-SIP-Port = 2	Settings->SIP->TLS SIP Port
[Contacts]	contacts-basic = 0	Directory->Local Directory (the whole page)
	contacts-remote = 0	Directory->Remote Phone Book (the whole page)
	contacts-callinfo = 0	Directory->Phone Call Info (the whole page)
	contacts-LDAP = 0	Directory->LDAP (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

Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
		
	import-export-contacts = 1	Directory->Local Directory->Import Local Directory File 
	btnImportCSV = 1	Directory->Local Directory-> 
	btnExportCSV = 1	Directory->Local Directory-> 
	btnImportXML = 1	Directory->Local Directory-> 
	btnExportXML = 1	Directory->Local Directory-> 
	opt-contacts = 0	Directory->Local Directory 
[Contacts-Remote]	remote-phonebook-list = 0	Directory->Remote Phone Book 
	SRemoteNameEnabled	Directory->Remote Phone

Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	e = 0	Book->Incoming/Outgoing Call Lookup
	SRemoteNameFlashTime = 0	Directory->Remote Phone Book->Search Flash Time (Seconds)
[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 
	received-list-title = 0	Directory->Phone Call Info-> Received List
	received-list-content = 0	Directory->Phone Call Info->Received List 
	forwarded-list-title = 0	Directory->Phone Call Info-> Forwarded List
	forwarded-list-content = 0	Directory->Phone Call Info-> Forwarded List 
[LDAP]	enable-LDAP = 0	Directory->LDAP->Enable LDAP
	LDAP-name-filter = 0	Directory->LDAP->LDAP Name Filter

Section Header	Parameters and Default Value	Configuration Items on the Web User Interface																																												
	LDAP-number-filter = 0	Directory->LDAP->LDAP Number Filter																																												
	LDAP-TLS-Mode = 0	Directory->LDAP->LDAP TLS Mode																																												
	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-incoming-call = 0	Directory->LDAP->LDAP Lookup For Incoming Call																																												
	LDAP-lookup-for-callout = 0	Directory->LDAP-> LDAP Lookup For Callout																																												
	LDAP-sorting-results = 0	Directory->LDAP->LDAP Sorting Results																																												
[MulticastIP]	Receive_Priority = 0	Directory->Multicast IP->Paging Barge																																												
	MulticastIPConfig = 0	Directory->Multicast IP <table><tr><th>IP Address</th><th>Listening Address</th><th>Label</th><th>Priority</th></tr><tr><td>1 IP Address</td><td></td><td></td><td>1</td></tr><tr><td>2 IP Address</td><td></td><td></td><td>2</td></tr><tr><td>3 IP Address</td><td></td><td></td><td>3</td></tr><tr><td>4 IP Address</td><td></td><td></td><td>4</td></tr><tr><td>5 IP Address</td><td></td><td></td><td>5</td></tr><tr><td>6 IP Address</td><td></td><td></td><td>6</td></tr><tr><td>7 IP Address</td><td></td><td></td><td>7</td></tr><tr><td>8 IP Address</td><td></td><td></td><td>8</td></tr><tr><td>9 IP Address</td><td></td><td></td><td>9</td></tr><tr><td>10 IP Address</td><td></td><td></td><td>10</td></tr></table>	IP Address	Listening Address	Label	Priority	1 IP Address			1	2 IP Address			2	3 IP Address			3	4 IP Address			4	5 IP Address			5	6 IP Address			6	7 IP Address			7	8 IP Address			8	9 IP Address			9	10 IP Address			10
	IP Address	Listening Address	Label	Priority																																										
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9 IP Address			9																																											
10 IP Address			10																																											
PagePriorityActive = 0	Directory->Multicast IP->Paging Priority Active																																													

Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	PagingList = 0	Directory->Multicast IP->Paging List 
[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 
	btn-delete-certs = 2	Security->Trusted Certificates-> 

Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	only-accept-trusted-certificates = 2	Security->Trusted Certificates->Only Accept Trusted Certificates
	upload-trust-certs = 2	Security->Trusted Certificates->Import Trusted Certificates 
	common-name-validation = 2	Security->Trusted Certificates->Common Name Validation
	ca-certs = 2	Security->Trusted Certificates->CA Certificates
[ServerCerts]	server-certs-records = 2	Security->Server Certificates 
	server-certs-upload = 2	Security->Server Certificates->Import Server Certificates 
	server-certs-device-cert = 2	Security->Server Certificates->Device Certificates 
[HiddenSetting]	custom-factory-config = 2	Hidden->Custom Factory Config
	DND-Active = 2	Hidden->DND Active
	Forward-Active = 2	Hidden->Forward Active
	Broadsoft-Active = 1	Hidden->Broadsoft Active
	Redirect-Active = 1	Hidden->Redirect Active
	UC-Active = 1 (only applicable to SIP-T48G/T46G/T29G IP phones)	Hidden->UC Active
	pushxml = 2	Hidden->PushXML Test

Configuration Parameters for BroadSoft UC-One Version

The following table lists configuration items in the WebItemslevel.cfg file for configurations only integrated with BroadSoft UC-One firmware version on the web

user interface.

Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
[General-Information]	EnableAutoFavorite = 0 (only applicable to SIP-T48G/T46G/T29G IP phones)	Features->General Information->Enable Auto Favorite
[Features-Callpickup]	Call-Park = 0	Features->Call Pickup->Call Park <div>Call Park Call Park Disabled Group Call Park Disabled Visual Alert for Parked Call Disabled Audio Alert for Parked Call Disabled</div>
[Contacts]	contacts-broadsoft = 0	Directory->Network Directory (the whole page)
[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 <div>XSI Allow SIP Authentication for XSI Disabled Host Server Port 80 XSI Server Type HTTP User ID Password UC Username UC Password</div>

Configuration Parameters of Phone User Interface

The following table lists configuration items in the `WebItemslevel.cfg` file with associated configurations on the phone user interface of the

SIP-T48G/T46G/T42G/T41P/T29G/T27P/T23P/T23G/T21(P) E2 IP phones:

Section Header	Parameters and Default Value	Configuration Items on the Phone User Interface
[GUI]	<code>status_list = 0</code>	Menu->Status
	<code>Status_IP = 11</code>	SIP-T48G: Menu->Status->General->IPv4 SIP-T46G/T42G/T41P/T29G/T27P/T23P/T23G/T21(P) E2: Menu->Status->IPv4
	<code>Status_IPv6 = 11</code>	SIP-T48G: Menu->Status->General->IPv6 Address SIP-T46G/T42G/T41P/T29G/T27P/T23P/T23G/T21(P) E2: Menu->Status->IPv6
	<code>Status_MAC = 21</code>	SIP-T48G: Menu->Status->General->MAC SIP-T46G/T42G/T41P/T29G/T27P/T23P/T23G/T21(P) E2: Menu->Status->MAC
	<code>Status_HW = 01</code>	SIP-T48G: Menu->Status->Phone->Hardware SIP-T46G/T42G/T41P/T29G/T27P/T23P/T23G/T21(P) E2: Menu->Status->More->Phone->Hardware
	<code>Status_More = 01</code>	SIP-T46G/T42G/T41P/T29G/T27P/T23P/T23G/T21(P) E2: Menu->Status->More (not applicable to SIP-T48G)
	<code>network = 0</code>	SIP-T48G: Menu->Status->Network SIP-T46G/T42G/T41P/T29G/T27P/T23P/T

Section Header	Parameters and Default Value	Configuration Items on the Phone User Interface
		23G/T21(P) E2: Menu->Status->More->Network
	Status_More_Phone = 0	SIP-T48G: Menu->Status->Phone SIP-T46G/T42G/T41P/T29G/T27P/T23P/T23G/T21(P) E2: Menu->Status->More->Phone
	Status_More_Account = 0	SIP-T48G: Menu->Status->Accounts SIP-T46G/T42G/T41P/T29G/T27P/T23P/T23G/T21(P) E2: Menu->Status->More->Accounts
	Status_More_RTP = 02 (not applicable to SIP-T46G/T29G IP phones)	SIP-T48G: Menu->Status->RTP Status SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Status->More->RTP
	status_general= 02 (only applicable to SIP-T48G IP phones)	SIP-T48G: Menu->Status->General
	features= 02	Menu->Features
	callcontrol_forward = 11	Menu->Features->Call Forward
	always-forward = 1	Menu->Features->Call Forward->Always Forward
	busy-forward = 1	Menu->Features->Call Forward->Busy Forward
	NoAnswer-forward = 1	Menu->Features->Call Forward->No Answer Forward
	call_waiting = 1	Menu->Features->Call Waiting
	DSSKey = 1	Menu->Features->DSS Keys
	key_as_send= 12	SIP-T48G: Menu->Features->General->Key as Send

Section Header	Parameters and Default Value	Configuration Items on the Phone User Interface
		SIP-T46G/T29G: Menu->Features->Others->General->Key as Send SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Features->Key as send
	hotline-number = 1	SIP-T48G: Menu->Features->Hot Line->Number SIP-T46G/T29G: Menu->Features->Others->Hot Line->Number SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Features->Hot Line->Hot Number
	Features_Anonymous = 1	SIP-T48G/T46G/T29G: Menu->Features->Anonymous SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Features->Anonymous Call
	Features_AutoRD = 1	SIP-T48G/T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Features->Auto Redial SIP-T46G/T29G: Menu->Features->Others->Auto Redial
	intercom = 1	Menu->Features->Intercom
	call_completion = 1	SIP-T48G/T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Features->Call Completion SIP-T46G/T29G: Menu->Features->Others->Call Completion
	history_save= 2	SIP-T48G: Menu->Features->General->History

Section Header	Parameters and Default Value	Configuration Items on the Phone User Interface
		Record SIP-T46G/T29G: Menu->Features->Others->General->History Record SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Features->History Setting
	multipaginglist = 10	SIP-T48G/T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Features->Paging List SIP-T46G/T29G: Menu->Features->Others->Paging List
	Main_Settings=0	SIP-T42G/T41P/T27P/T23P/T23G /T21(P) E2: Menu->Settings (not applicable to SIP-T48G/T46G/T29G)
	time_zone = 0	SIP-T48G: Menu->Basic->Time & Date->General->Time Zone SIP-T46G/T29G: Menu->Basic->Time & Date->General->SNTP Settings>Time Zone SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Basic Settings->Time & Date->SNTP Settings->Time Zone
	Basic_Time_Manual = 0	SIP-T48G: Menu->Basic->Time & Date->General->Type (Manual Settings) SIP-T46G/T29G: Menu->Basic->Time &

Section Header	Parameters and Default Value	Configuration Items on the Phone User Interface
		Date->General->Manual Settings SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Basic Settings->Time & Date->Manual Settings
	display = 10	SIP-T48G/T46G/T29G: Menu->Basic->Display SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Basic Settings->Display
	sound = 1	SIP-T48G/T46G/T29G: Menu->Basic->Sound SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Basic Settings->Sound
	key_tone = 1	SIP-T48G/T46G/T29G: Menu->Basic->Sound->Key Tone SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Basic Settings->Sound->Key Tone
	ring_type_setting = 1	SIP-T48G/T46G/T29G: Menu->Basic->Sound->Ring Tones SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Basic Settings->Sound-> Ring Tones
	unlock_pin = 2	SIP-T48G/T46G/T29G: Menu->Basic->Change PIN SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Basic Settings->Change PIN

Section Header	Parameters and Default Value	Configuration Items on the Phone User Interface
	bluetooth = 1 (only applicable to SIP-T48G/T46G/T29G IP phones)	SIP-T48G/T46G/T29G: Menu->Basic->Bluetooth
	account_label = 02	SIP-T48G/T46G/T29G: Menu->Advanced->Accounts->Account X->Label SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Accounts->Account X->Label
	display_name = 02	SIP-T48G/T46G/T29G: Menu->Advanced->Accounts->Account X->Display Name SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Accounts->Account X->Display Name
	register_name = 02	SIP-T48G/T46G/T29G: Menu->Advanced->Accounts->Account X->Register Name SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Accounts->Account X->Register Name
	user_name = 01	SIP-T48G/T46G/T29G: Menu->Advanced->Accounts->Account X->User Name SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Accounts->Account X->User Name
	account_password =	SIP-T48G/T46G/T29G:

Section Header	Parameters and Default Value	Configuration Items on the Phone User Interface
	01	SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Accounts->Account X->Password
	sip_server = 01	SIP-T48G/T46G/T29G: Menu->Advanced->Accounts->Account X->SIP Server1/2 SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Accounts->Account X->SIP Server1/2
	enabled-outbound-proxy-server = 01	SIP-T48G/T46G/T29G: Menu->Advanced->Accounts->Account X->Outbound Status SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Accounts->Account X->Outbound Status
	outbound-proxy-server = 01	SIP-T48G/T46G/T29G: Menu->Advanced->Accounts->Account X->Outbound Proxy SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Accounts->Account X->Outbound Proxy
	STUN_server = 02	SIP-T48G/T46G/T29G: Menu->Advanced->Network->NAT->NAT Status SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Network->NAT->NAT Status

Section Header	Parameters and Default Value	Configuration Items on the Phone User Interface
	auto-Answer= 1	Menu->Features->Auto Answer
	Adv_Network =0	SIP-T48G/T46G/T29G: Menu->Advanced->Network SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Network
	wan_port_title = 02	SIP-T48G/T46G/T29G: Menu->Advanced->Network->WAN Port SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Network->WAN Port
	VLAN-items = 02	SIP-T48G/T46G/T29G: Menu->Advanced->Network->VLAN SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Network->VLAN
	wanport = 02	SIP-T48G/T46G/T29G: Menu->Advanced->Network->VLAN ->VLAN Port SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Network->VLAN->VLAN Port
	pcport = 02	SIP-T48G/T46G/T29G: Menu->Advanced->Network->VLAN ->PC Port SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Network->VLAN->PC Port

Section Header	Parameters and Default Value	Configuration Items on the Phone User Interface
	dhcplvlan = 02	SIP-T48G/T46G/T29G: Menu->Advanced->Network->VLAN ->DHCP VLAN SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Network->VLAN->DHCP VLAN
	web-server = 02	SIP-T48G/T46G/T29G: Menu->Advanced->Network->Web Server SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Network->Web Server
	8021x = 02	SIP-T48G/T46G/T29G: Menu->Advanced->Network->802.1x SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Network->802.1x Settings
	open-VPN = 02	SIP-T48G/T46G/T29G: Menu->Advanced->Network->VPN SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Network->VPN
	open-lldp = 02	SIP-T48G/T46G/T29G: Menu->Advanced->Network->LLDP SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Network->LLDP
	network_cdp = 02	SIP-T48G/T46G/T29G: Menu->Advanced->Network->CDP SIP-T42G/T41P/T27P/T23P/T23G/T21(P)

Section Header	Parameters and Default Value	Configuration Items on the Phone User Interface
		E2: Menu->Settings->Advanced Settings->Network->CDP
	network_nat = 02	SIP-T48G/T46G/T29G: Menu->Advanced->Network->NAT SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Network->NAT
	softkey Label = 02	SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Softkey Label (not applicable to SIP-T48G/T46G/T29G IP phones)
	keyboard_lock = 02	SIP-T48G/T46G/T29G: Menu->Advanced->Phone Lock SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Phone Lock
	Adv_Reboot = 02	SIP-T48G: Menu->Advanced->Reboot SIP-T46G/T29G: Menu->Advanced->Reset&Reboot-> Reboot SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Reboot
	Adv_ResetToFac = 2	SIP-T48G: Menu->Advanced->Reset to Factory SIP-T46G/T29G: Menu->Advanced->Reset&Reboot-> Reset to Factory SIP-T42G/T41P/T27P/T23P/T23G/T21(P)

Section Header	Parameters and Default Value	Configuration Items on the Phone User Interface
		E2: Menu->Settings->Advanced Settings->Reset to Factory
	reset_default = 0	SIP-T48G: Menu->Advanced->Reset Local Configuration SIP-T46G/T29G: Menu->Advanced->Reset&Reboot->Reset Local Configuration SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Reset Local Configuration
	password = 0	SIP-T48G/T46G/T29G: Menu->Advanced->Set Password SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Set Password
	Adv_AES = 02	SIP-T48G/T46G/T29G: Menu->Advanced->Set AES Key SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Set AES Key
	autoprovision = 02	SIP-T48G/T46G/T29G: Menu->Advanced->Auto Provision SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Auto Provision
	international-forward = 02	SIP-T48G/T46G/T29G: Menu->Advanced->FWD International SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2:

Section Header	Parameters and Default Value	Configuration Items on the Phone User Interface
		Menu->Settings->Advanced Settings->FWD International
	SMS= 12	Menu->Message
	MSG_Voice = 1	Menu->Message->Voice Mail
	viewvoicemail = 1	Menu->Message->Voice Mail->View Voice Mail
	setvoicemail = 1	Menu->Message->Voice Mail->Set voice Mail
	usermodeentry = 0	Menu->User Mode
	NAT_traversal = 02	SIP-T48G/T46G/T29G: Menu->Advanced->Accounts->Account X->STUN Status SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Accounts->Account X->STUN Status
	contrast_ctrl = 0	SIP-T48G/T46G/T29G: Menu->Basic->Display->Contrast SIP-T27P: Menu->Settings->Basic Settings->Display->Contrast (only applicable to SIP-T46G/T29G/T27P IP phones)
	local_call_log_list = 01	Menu->Directory->Local Directory
	SIP-T48G/T46G/T29G: Adv_Account = 00 SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Adv_Account = 2	SIP-T48G/T46G/T29G: Menu->Advanced->Accounts SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Accounts
	SIP-T48G/T46G/T29G: Basic_LANG = 1 SIP-T42G/T41P/T27P/T23P/T23G/T21(P)	SIP-T48G/T46G/T29G: Menu->Basic->Language SIP-T42G/T41P/T27P/T23P/T23G/T21(P)

Section Header	Parameters and Default Value	Configuration Items on the Phone User Interface
	3P/T23G/T21(P) E2: Basic_LANG = 0	E2: Menu->Settings->Basic Settings->Language
	SIP-T48G/T46G/T29G: Basic_Setting_BackLight = 1 SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Basic_Setting_BackLight = 10	SIP-T48G/T46G/T29G: Menu->Basic->Display->Backlight SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Basic Settings->Display->Backlight
	SIP-T48G/T46G/T29G: Basic_Time_Format = 1 SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Basic_Time_Format = 0	SIP-T48G/T46G/T29G: Menu->Basic->Time & Date->Time & Date Format SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Basic Settings->Time & Date->Time & Date Format
	SIP-T48G/T46G/T29G: Basic_Time_SNTP = 02 SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Basic_Time_SNTP = 0	SIP-T48G: Menu->Basic->Time & Date->General->Type (SNTP Settings) SIP-T46G/T29G: Menu->Basic->Time & Date->General->SNTP Settings SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Basic Settings->Time & Date->SNTP Settings
	SIP-T48G/T46G/T29G: MSG_Text = 0 SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: MSG_Text = 1	Menu->Message->Text Message
	SIP-T48G/T46G/T29G:	Menu->Directory

Section Header	Parameters and Default Value	Configuration Items on the Phone User Interface
	Main_Contacts = 02 SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Main_Contacts = 0	
	SIP-T48G/T46G/T29G: SMS_Draftbox = 02 SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: SMS_Draftbox = 1	Menu->Message->Text Message ->Draftbox
	SIP-T48G/T46G/T29G: SMS_Inbox = 0 SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: SMS_Inbox = 1	Menu->Message->Text Message ->Inbox
	SIP-T48G/T46G/T29G: SMS_NEW = 0 SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: SMS_NEW = 1	Menu->Message->Text Message ->New Message
	SIP-T48G/T46G/T29G: SMS_Outbox = 0 SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: SMS_Outbox = 1	Menu->Message->Text Message ->Outbox
	SIP-T48G/T46G/T29G: SMS_Sentbox = 0 SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: SMS_Sentbox = 1	Menu->Message->Text Message-> Sentbox
	SIP-T48G/T46G/T29G: Set_Adv = 00 SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Set_Adv = 0	SIP-T48G/T46G/T29G: Menu->Advanced SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings
	SIP-T48G/T46G/T29G:	SIP-T48G/T46G/T29G:

Section Header	Parameters and Default Value	Configuration Items on the Phone User Interface
	Set_Basic = 02 SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Set_Basic = 0	Menu->Basic SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Basic Settings
	SIP-T48G/T46G/T29G: blacklist_list = 1 SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: blacklist_list = 0	Menu->Directory->Blacklist
	call_info = 01	Menu->History
	SIP-T48G/T46G/T29G: dhcptimezone = 1 SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: dhcptimezone = 0	SIP-T48G/T46G/T29G: Menu->Basic->Time & Date->DHCP Time SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Basic Settings->Time & Date->DHCP Time
	SIP-T48G/T46G/T29G: line_active = 02 SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: line_active = 2	SIP-T48G/T46G/T29G: Menu->Advanced->Accounts->Account X->Account Status SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Settings->Advanced Settings->Accounts->Account X->Activation
	SIP-T48G/T46G/T29G: local_contact_list = 02 SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: local_contact_list = 0	SIP-T48G: Menu->Directory->All Contacts SIP-T46G/T42G/T41P/T29G/T27P/T23P/T23G/T21(P) E2: Menu->Directory->Local Directory
	SIP-T48G/T46G/T29G: remote_contact_list = 1 SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2:	Menu->Directory->Remote Phone book

Section Header	Parameters and Default Value	Configuration Items on the Phone User Interface
	remote_contact_list = 0	
	SIP-T48G/T46G/T29G: status = 01 SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: status = 0	Menu->Status
	SIP-T48G/T46G/T29G: dnd = 12 SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: dnd = 11	Menu->Features->DND
	advanced_call_feature_default_account = 2 (only applicable to SIP-T48G/T46G/T29G IP phones)	SIP-T48G: Menu->Features->Default Account SIP-T46G/T29G: Menu->Features->Others->Default Account
	advanced_call_feature_general = 1 (only applicable to SIP-T48G/T46G/T29G IP phones)	SIP-T48G: Menu->Features->General SIP-T46G/T29G: Menu->Features->Others->General
	advanced_call_feature_list = 1 (only applicable to SIP-T48G/T46G/T29G IP phones)	Menu->Features
	date_and_time_general = 0 (only applicable to SIP-T48G/T46G/T29G IP phones)	SIP-T48G/T46G/T29G: Menu->Basic->Time &Date->General
	reset_and_reboot_list = 02 (only applicable to SIP-T46G/T29G IP)	SIP-T46G/T29G: Menu->Advanced->Reset&Reboot

Section Header	Parameters and Default Value	Configuration Items on the Phone User Interface
	phones)	
	display_wallpaper = 1 (only applicable to SIP-T48G/T46G/T29G IP phones)	SIP-T48G/T46G/T29G: Menu->Basic->Display->Wallpaper

Configuration Parameters for BroadSoft UC-One Version

The following table lists configuration items in the WebItemslevel.cfg file for configurations only integrated with BroadSoft UC-One firmware version on the phone user interface of the SIP-T48G/T46G/T42G/T41P/T29G/T27P/T23P/T23G/T21(P) E2 IP phones.

Section Header	Parameters and Default Value	Configuration Items on the Phone User Interface
[GUI]	broadsoft_contact_list = 0	Menu->Directory->Network Directory
	broadsoft_callog_list = 0	Menu->History->Network CallLog
	CallControl = 0	SIP-T48G/T46G/T29G: Menu->Features->Call Control SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Call Control
	callcontrol_anywhere = 11	SIP-T48G/T46G/T29G: Menu->Features->Call Control->Anywhere SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Call Control->Anywhere
	callcontrol_remoteoffice = 0	SIP-T48G/T46G/T29G: Menu->Features->Call Control->Remote Office SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Call Control->Remote Office

Section Header	Parameters and Default Value	Configuration Items on the Phone User Interface
	callcontrol_dnd= 11	SIP-T48G/T46G/T29G: Menu->Features->Call Control->Do not Disturb SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Call Control->Do Not Disturb
	callcontrol_simultaneousring = 11	SIP-T48G/T46G/T29G: Menu->Features->Call Control->Simultaneous Ring Personal SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Call Control->Simultaneous Ring Personal
	callcontrol_hidenumber = 11	SIP-T48G/T46G/T29G: Menu->Features->Call Control->Hide Number SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Call Control->Hide Number
	callcontrol_anonymousrejection = 11	SIP-T48G/T46G/T29G: Menu->Features->Call Control->Anonymous Rejection SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Call Control->Anonymous Rejection
	callcontrol_initialacdstate = 11	SIP-T48G/T46G/T29G: Menu->Features->Call Control->Initial ACD State SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Call Control->Initial ACD State
	callcontrol_setacdstate=11	SIP-T48G/T46G/T29G: Menu->Features->Call Control->ACD State

Section Header	Parameters and Default Value	Configuration Items on the Phone User Interface
		SIP-T42G/T41P/T27P/T23P/T23G/T21(P) E2: Menu->Call Control->ACD State

Appendix-B : Sample Configuration Files

Color Screen Phones

The default configuration item settings in factory WebItemsLevel.cfg for T48G/T46G/T29G IP phones with firmware version 80 or later are:

```
[ Status-Menu ]
Status-Basic  = 0
Status-RTP   = 0

[ 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 ]
switch-account = 0
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
sip_server = 2

[ Account-Basic ]
```



```
switch-account = 0
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
send_anonymous_rejection_code = 0
```

[Account-Codec]

```
switch-account = 0
codecs-group = 0
```

[Account-Adv]

```
switch-account = 0
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
Call-Pull-Feature-Access-Code = 2
dialog-info-call-pickup = 2
BLF-list-URI = 2
BLFListCode = 2
BLFListBargeInCode = 2
BLF-List-Retrieve-Code = 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
RTCP-Collector-Name = 2
RTCP-Collector-Address = 2
RTCP-Collector-Port = 2
Number-Of-Linekey = 2
voice_mail_display = 2
```

[Network]

```
network-basic = 0
network-pcport = 0
network-advanced = 0
shotlevel = 0
```

[Network-Basic]

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

[Network-PCPort]

```
pcport-active = 0
```

[Network-Advanced]

```
LLDP-items = 2
CDP-items = 2
VLAN-items = 2
NAT-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
ICMPv6_Status = 2
open-VPN = 2

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

[ MemoryKey ]
memory-key = 0

[ LineKey ]
line-key = 0
Enable-Page-Tips = 0
Label-Length = 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 = 0
features-bluetooth = 0
features-powerled = 0
features-notifypop = 0
```

[Forward&DND]

head-forward = 0

forward-mode = 0

forward-account = 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 = 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
allow-trans-exist-call = 0
blf-led-mode = 0
ReLogOffTime = 2
call-number-filter = 0
Use_Logo = 0
upload_logo = 0
allow-IP-call = 0
IP-direct-auto-answer = 0
calllog-show-num = 0
voicemail-tone = 0
DHCP-hostname = 0
EnableAutoFavorite = 0
reboot-in-talking = 0
Hide-Feature-Access-Codes = 0
display-method-on-dialing = 2
text_logo = 0
auto-linekeys = 1
sip-trust-control = 2
[Features-Audio]

```
call-waiting-tone = 0
button-sound = 0
redial_tone = 0
send-sound = 0
headset-send-volume = 1
handset-send-volume = 1
handfree-send-volume = 1
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
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
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
UCServer = 2
ReportIP = 2
AutopFinish = 2

[Features-Bluetooth]

bluetooth-active = 0

[Features-PowerLED]

common-power-light-on = 0

```
ring-power-light-flash = 0
mail-power-light-flash = 0
mute-power-light-flash = 0
hold-power-light-flash = 0
talk-power-light-flash = 0
```

[Features-NotifyPop]

```
Display-Voice-Mail-Popup = 0
Display-Missed-Call-Popup = 0
Display-Forward-Call-Popup = 0
Display-Text-Message-Popup = 0
```

[Settings]

```
settings-preference = 0
settings-datetime = 0
settings-calldisplay = 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-voicemonitoring = 0
settings-sip = 1
```

[Settings-Preference]

```
web-language = 0
live-dialpad = 0
inter-digit-time = 0
UnusedBackLight = 0
backlight = 0
BacklightTime = 0
contrast_ctrl = 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_date = 0
offset = 0
manual-time = 0
manual-time-settings = 0
time_format_setting = 0
date_format_setting = 0

[ Settings-CallDisplay ]
Display-Contact-Photo = 0
Incoming-Call-Ringer-Animation = 0
Call-Display-Method = 0

[ Settings-Upgrade ]
version_info = 0
reset_to_factory = 1
reset_local_config = 0
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 = 2
wait_time = 2
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 = 1
opt-factory-configfile = 2
export-cfg-config-file = 2
import-cfg-config-file = 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 = 1

[Settings-Tones]

tone-items = 0

[Softkey]

Custom_SoftKey = 2
SoftKey_Type = 2
SoftKey_Select = 2

[TR069]

head = 2
EnableTR069 = 2
ACSUsername = 2
ACSPassword = 2
ACSURL = 2
EnablePeriodicInform = 2
PeriodicInformInterval = 2
RequestUsername = 2
RequestPassword = 2

[Settings-VoiceMonitoring]

RTCP-Session-Report = 2

RTCP-Interval-Report = 2

RTCP-Interval-Period = 2

RTCP-Warning-Moslq = 2

RTCP-Critical-Moslq = 2

RTCP-Warning-Delay = 2

RTCP-Critical-Delay = 2

Display-VQReport-On-Web = 2

Display-VQReport-On-UI = 2

RTCP-Report-Options = 2

[Settings-SIP]

sip-session-timer = 2

local-SIP-port = 2

TLS-SIP-Port = 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
LDAP-TLS-Mode = 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-lookup-for-callout = 0
LDAP-sorting-results = 0

[ Contacts-Broadsoft ]
Directotries = 0
XSI = 0

[ MulticastIP ]
Receive_Priority = 0
MulticastIPConfig = 0
PagePriorityActive = 0
PagingList = 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
common-name-validation = 2
ca-certs = 2

[ ServerCerts ]
server-certs-records = 2
server-certs-upload = 2
server-certs-device-cert = 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
Status_IP = 11
Status_IPv6 = 11
Status_MAC = 21
Status_HW = 01
Status_More = 01
network = 0
Status_More_Phone = 0
Status_More_Account = 0
Status_More_RTP = 02
status_general = 02

features= 02
CallControl = 0
callcontrol_anywhere = 11
callcontrol_remoteoffice = 11
```

```
callcontrol_forward = 11
always-forward = 1
busy-forward = 1
NoAnswer-forward = 1
callcontrol_dnd= 11
callcontrol_hidenummer = 11
callcontrol_anonymousrejection = 11
callcontrol_simultaneoustring = 11

call_waiting = 1
DSSKey = 1
key_as_send= 12
hotline-number = 1
Features_Anonymous = 1
Features_AutoRD = 1
intercom = 1
call_completion = 1
history_save= 2

multipaginglist = 10

Main_Settings= 0

time_zone = 0
Basic_Time_Manual = 0
display = 10
sound = 1
key_tone = 1
ring_type_setting = 1
unlock_pin= 2

account_label = 02
display_name = 02
register_name = 02
user_name = 01
account_password = 01
sip_server = 01
enabled-outbound-proxy-server = 01
outbound-proxy-server = 01
STUN_server = 02
auto-Answer= 1
Adv_Network = 0
```

```
wan_port_title = 02
VLAN-items = 02
wanport = 02
pcport = 02
dhcpvlan = 02
web-server = 02
8021x = 02
open-VPN = 02
open-lldp = 02
network_cdp = 02
network_nat = 02
softkey Label = 02
keyboard_lock = 02
Adv_Reboot = 02
Adv_ResetToFac = 2
password = 0
Adv_AES = 02
autoprovision = 02
international-forward = 02
SMS= 12
MSG_Voice = 1
viewvoicemail = 1
setvoicemail = 1
usermodeentry = 0
NAT_traversal = 02
contrast_ctrl = 0
local_call_log_list = 01
broadsoft_contact_list = 0
callcontrol_initialacdstate = 11
callcontrol_setacdstate = 11
reset_default = 0
Adv_Account = 00
Basic_LANG = 1
Basic_Setting_BackLight = 1
Basic_Time_Format = 1
Basic_Time_SNTP = 02
MSG_Text = 0
Main_Contacts = 02
SMS_Draftbox = 02
SMS_Inbox = 0
SMS_NEW = 0
SMS_Outbox = 0
SMS_Sentbox = 0
Set_Adv = 00
```

```

Set_Basic = 02
blacklist_list = 1
call_info = 01
dhcptimezone = 1
line_active = 02
local_contact_list = 02
remote_contact_list = 1
status = 01
dnd= 12
advanced_call_feature_default_account = 2
advanced_call_feature_general = 1
advanced_call_feature_list = 1
broadsoft_callog_list = 0
date_and_time_general = 0
reset_and_reboot_list = 02
bluetooth = 1
display_wallpaper = 1

```

Black-and-white Screen Phones

The default configuration item settings in factory WebItemsLevel.cfg for T42G/T41P/T27P/T23P/T23G/T21(P) E2 IP phones with firmware version 80 or later are:

```

[ Status-Menu ]
Status-Basic  = 0
Status-RTP    = 0

[ 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 ]
switch-account = 0

```



```
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
sip_server = 2
```

[Account-Basic]

```
switch-account = 0
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
send_anonymous_rejection_code = 0
```

[Account-Codec]

```
switch-account = 0
codecs-group = 0
```

[Account-Adv]

```
switch-account = 0
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
Call-Pull-Feature-Access-Code = 2
dialog-info-call-pickup = 2
BLF-list-URI = 2
BlfListCode = 2
BLFListBargeInCode = 2
BLF-List-Retrieve-Code = 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
RTCP-Collector-Name = 2
RTCP-Collector-Address = 2
RTCP-Collector-Port = 2
Number-Of-Linekey = 2
voice_mail_display = 2
```

[Network]

```
network-basic = 0
network-pcport = 0
network-advanced = 0
shotlevel = 0
```

[Network-Basic]

```
ipaddress-mode = 2
ipv4config = 2
```

```
ipv6config = 2
wan-ppoe = 2

[ Network-PCPort ]
pcport-active = 0

[ Network-Advanced ]
LLDP-items = 2
CDP-items = 2
VLAN-items = 2
NAT-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
ICMPv6_Status = 2
open-VPN = 2

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

[ MemoryKey ]
memory-key = 0

[ LineKey ]
line-key = 0
Enable-Page-Tips = 0
Label-Length = 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 = 0

features-powered = 0
features-notifypop = 0

[ Forward&DND ]
head-forward = 0
forward-mode = 0
forward-account = 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 = 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
allow-trans-exist-call = 0
blf-led-mode = 0
ReLogOffTime = 2
call-number-filter = 0
Use_Logo = 0

```
upload_logo = 0
allow-IP-call = 0
IP-direct-auto-answer = 0
calllog-show-num = 0
voicemail-tone = 0
DHCP-hostname = 0
EnableAutoFavorite = 0
reboot-in-talking = 0
Hide-Feature-Access-Codes = 0
display-method-on-dialing = 2
text_logo = 0
auto-linekeys = 1
sip-trust-control = 2
[ Features-Audio ]
call-waiting-tone = 0
button-sound = 0
redial_tone = 0
send-sound = 0
headset-send-volume = 1
handset-send-volume = 1
handfree-send-volume = 1
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
```

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

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
UCServer = 2
ReportIP = 2
AutopFinish = 2

[ Features-PowerLED ]
common-power-light-on = 0
ring-power-light-flash = 0
mail-power-light-flash = 0
mute-power-light-flash = 0
hold-power-light-flash = 0
talk-power-light-flash = 0

[ Features-NotifyPop ]
Display-Voice-Mail-Popup = 0
Display-Missed-Call-Popup = 0
Display-Forward-Call-Popup = 0
Display-Text-Message-Popup = 0

[ Settings ]
settings-preference = 0
settings-datetime = 0
settings-calldisplay = 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-voicemonitoring = 0
settings-sip = 1

[ Settings-Preference ]
web-language = 0
live-dialpad = 0
inter-digit-time = 0
UnusedBackLight = 0
```



```
backlight = 0
BacklightTime = 0
contrast_ctrl = 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_date= 0
offset = 0
manual-time = 0
manual-time-settings = 0
time_format_setting = 0
date_format_setting = 0

[ Settings-CallDisplay ]
Display-Contact-Photo = 0
Incoming-Call-Ringer-Animation = 0
Call-Display-Method = 0

[ Settings-Upgrade ]
version_info = 0
reset_to_factory = 1
reset_local_config = 0
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 = 2

wait_time = 2

poweron-active = 2

repeatly-active = 2

repeat-interval = 2

weekly-active = 2

autop-time = 2

day-of-week = 2

btn-autop-now = 2

[Settings-Config]

opt-configfile = 1

opt-factory-configfile = 2

export-cfg-config-file = 2

import-cfg-config-file = 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 = 1

[Settings-Tones]

tone-items = 0

[Softkey]

Custom_SoftKey = 2

SoftKey_Type = 2

SoftKey_Select = 2

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

[ Settings-VoiceMonitoring ]
RTCP-Session-Report = 2
RTCP-Interval-Report = 2
RTCP-Interval-Period = 2
RTCP-Warning-Mosq = 2
RTCP-Critical-Mosq = 2
RTCP-Warning-Delay = 2
RTCP-Critical-Delay = 2
Display-VQReport-On-Web = 2
Display-VQReport-On-UI = 2
RTCP-Report-Options = 2

[ Settings-SIP ]
sip-session-timer = 2
local-SIP-port = 2
TLS-SIP-Port = 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
LDAP-TLS-Mode = 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-lookup-for-callout = 0
LDAP-sorting-results = 0

[ Contacts-Broadsoft ]
Directotries = 0
XSI = 0

[ MulticastIP ]
```

```
Receive_Priority = 0
MulticastIPConfig = 0
PagePriorityActive = 0
PagingList = 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
common-name-validation = 2
ca-certs = 2

[ ServerCerts ]
server-certs-records = 2
server-certs-upload = 2
server-certs-device-cert = 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
Status_IP = 11
Status_IPv6 = 11
Status_MAC = 21
Status_HW = 01
Status_More = 01
```

```
network = 0
Status_More_Phone = 0
Status_More_Account = 0
Status_More_RTP = 02
status_general = 02

features= 02
CallControl = 0
callcontrol_anywhere = 11
callcontrol_remoteoffice = 11
callcontrol_forward = 11
always-forward = 1
busy-forward = 1
NoAnswer-forward = 1
callcontrol_dnd= 11
callcontrol_hidenummer = 11
callcontrol_anonymousrejection = 11
callcontrol_simultaneoustring = 11

call_waiting = 1
DSSKey = 1
key_as_send= 12
hotline-number = 1
Features_Anonymous = 1
Features_AutoRD = 1
intercom = 1
call_completion = 1
history_save= 2

multypaginglist = 10

Main_Settings= 0

time_zone = 0
Basic_Time_Manual = 0
display = 10
sound = 1
key_tone = 1
ring_type_setting = 1
unlock_pin= 2
```

```
account_label = 02
display_name = 02
register_name = 02
user_name = 01
account_password = 01
sip_server = 01
enabled-outbound-proxy-server = 01
outbound-proxy-server = 01
STUN_server = 02
auto-Answer = 1
Adv_Network = 0
wan_port_title = 02
VLAN-items = 02
wanport = 02
pcport = 02
dhcpvlan = 02
web-server = 02
8021x = 02
open-VPN = 02
open-Ildp = 02
network_cdp = 02
network_nat = 02
softkey Label = 02
keyboard_lock = 02
Adv_Reboot = 02
Adv_ResetToFac = 2
password = 0
Adv_AES = 02
autoprovision = 02
international-forward = 02
SMS = 12
MSG_Voice = 1
viewvoicemail = 1
setvoicemail = 1
usermodeentry = 0
NAT_traversal = 02
contrast_ctrl = 0
local_call_log_list = 01
broadsoft_contact_list = 0
callcontrol_initialacdstate = 11
callcontrol_setacdstate = 11
reset_default = 0
Adv_Account = 2
Basic_LANG = 0
```

```
Basic_Setting_BackLight = 10
Basic_Time_Format = 0
Basic_Time_SNTP = 0
MSG_Text = 1
Main_Contacts = 0
SMS_Draftbox = 1
SMS_Inbox = 1
SMS_NEW = 1
SMS_Outbox = 1
SMS_Sentbox = 1
Set_Adv = 0
Set_Basic = 0
blacklist_list = 0
call_info = 01
dhcptimezone = 0
line_active = 2
local_contact_list = 0
remote_contact_list = 0
status = 0
dnd= 11
broadsoft_callog_list = 0
```


Customer Feedback

We are striving to improve our documentation quality and we appreciate your feedback. Email your opinions and comments to DocsFeedback@yealink.com.