Htek UC9xx Series IP Phones
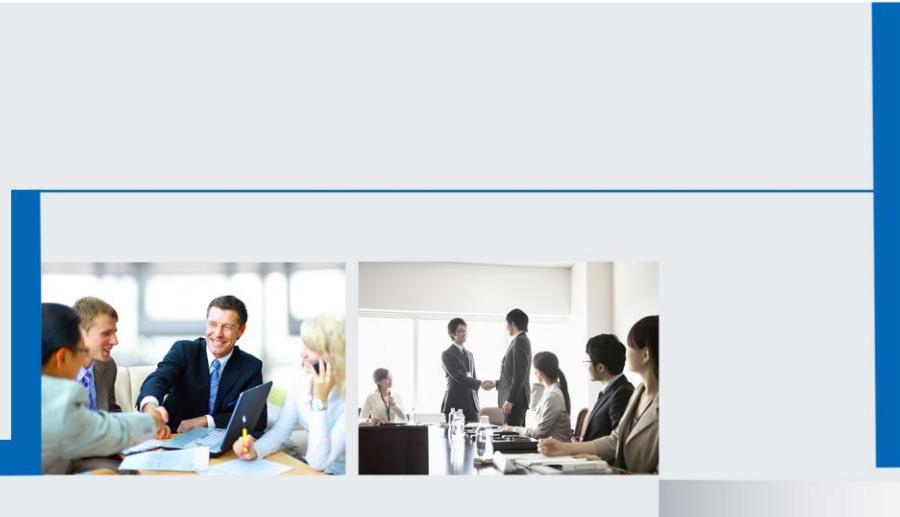# Auto Provision User Guide

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Table of Contents

1. Introduction

Htek IP Phone could be plugged directly into an IP network and be used without any manual configuration.

This guide provides instructions on how to provision Htek IP Phone with the minimum settings. Htek IP Phone supports FTP, TFTP, HTTP, and HTTPS for auto provisioning and are configured by default to use the HTTP.

This guide is a basic guidance for provisioning on Htek IP phones, including the models:
Htek UC601/ UC901/ UC902/ UC903/ UC912/ UC912G/ UC912GM/ UC923/ UC924/ UC924E/ UC926/ UC926E

Note: The auto provision just applies to FW 1.0.3.70 or FW after 1.0.3.70. For the latest FW, please download from our website www.htek.com.

2. Manage Configuration

Htek IP Phone could be configured via Web Interface and via Configuration File that download through TFTP/FTP/HTTP/HTTPS. All devices support a configuration file in proprietary binary format. Products like UC9xx, Unicorn3xxx and Unicorn6xxx accept configuration files in XML format in legacy proprietary binary format. The XML provisioning implementation also allows generic XML configuration file on top of the *MAC* based configuration file.

When Htek IP Phone boots up or reboots, it will issue a request for these configuration files named "factory000x.bin" --> "cfg000x.xml" --> "cfgMAC" --> "cfgMAC.xml ", in which "000x" is the Device Code. Take UC924 for example, the configuration file name should be factory0012.xml. You can refer to the <<Device Type and file list>>. This "MAC" is the device *Mac* address, for example "cfg001fc10608ab". The configuration file name should be in lower case. The file "cfgMAC" is a proprietary binary format configuration file that must be generated by Htek configuration tools.

Device type, Device code and file list:

Device Type	Device Code	Device file
UC601	0111	factory0111.bin/cfg0111.xml
UC901	0018	factory0018.bin/cfg0018.xml
UC902	0017	factory0017.bin/cfg0017.xml
UC903	0016	factory0016.bin/cfg0016.xml

UC912/UC912G/ UC912GM	0019	factory0019.bin/cfg0019.xml
UC923	0013	factory0013.bin/cfg0013.xml
UC924	0012	factory0012.bin/cfg0012.xml
UC924E	0112	factory0112.bin/cfg0112.xml
UC926	0010	factory0010.bin/cfg0010.xml
UC926E	0110	factory0110.bin/cfg0110.xml

Process of Htek products are as follows:

factory000x.bin -----used for factory default configuration for ODM/OEM

cfg000x.xml ----- used for update the common configuration which doesn't include the account information.

cfg001fc1xxxxxx ---- this file is a private format for each device

cfg001fc1xxxxxx.xml------used for configuration for each device. xml format

Provisioning Flow Chart:
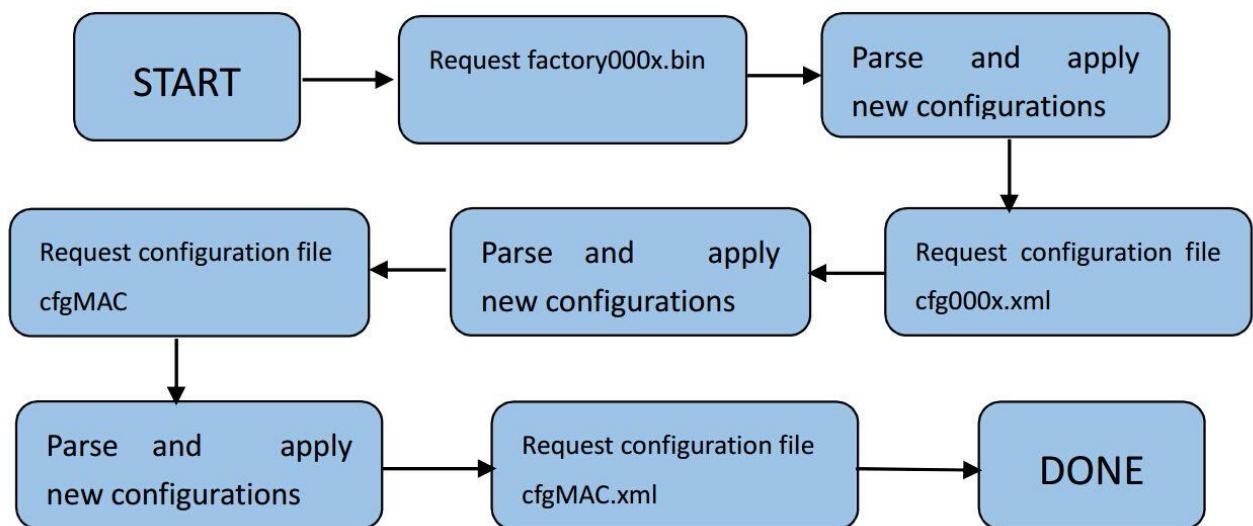
Picture 1: Provisioning Flow Chart

Note: The provisioning program will apply and reload the settings after downloading the new configuration files. It means that a provision/re-direction server can redirect the device to a provision server without reboot. It can also be used to send the XML encryption password.

If factory000x.bin file does not download successfully, the provision program will download the cfg000x.xml file, or download the cfgMAC file. If the cfgMAC file does not download successfully, the provision program will download the cfgMAC.xml file.

2.1 Obtain configuration files

Before provisioning, first you need to obtain the configuration file. There are three CFG template files, cfg000x.xml, cfg$mac and cfgMAC.xml. The cfg000x.xml is a common configuration file which doesn't include the account information. The "mac" only takes effect for specific phone. The file name is the 12-digit mac address of phone. For example, if the phone's mac address is 001fc11a0012, the cfg$mac file name must be cfg001fc11a0012; The cfgMAC.xml file name must be cfg001fc11a0012.xml.

The phone will try to download these CFG files from the server during provisioning.

Note: The IP Phones that in FW 1.0.3.70 or FW after 1.0.3.70 would only recognize CFG files which use UTF-8 or ANSI encoding.

2.2 Obtain phone information

Before provisioning, you need the phone information, like *MAC* address, SIP account of the phone.

MAC Address: The unique 12-digit serial number of the phone. You can obtain it from the back of the phone.

SIP Account Information: It may include SIP credentials, like user name, password and IP address of the SIP server. Contact your system administrator for SIP account information.

2.3 Manage configuration files

Auto provision enables Htek IP Phone to update automatically via downloading configuration files. Before provisioning, you may need to edit and customize your configuration file which is composed of many configuration parameters. A configuration parameter is associated with particular field in the web configuration page. A parameter consists of a Capital letter P and 2 to 5 digit numeric numbers. i.e., P2 is associated with "Admin Password" in the Advanced Page. For detailed parameter list, please refer to <<parameter list>> in page 68.

2.4 How to edit cfg000x.xml file

You can customize configuration parameters by editing XML configuration file "cfg000x.xml", and different device would use different file name. you can refer to<< How to Edit cfg000x.xml>> in page 40.

2.5 How to edit cfg$mac file

Cfg$mac file is a binary format configuration. It contains configuration parameters which

apply to all phone models.

The line beginning with "#" is considered to be the annotation, and easy to understand each P value.

The parameters commonly edited in the cfg$mac file are described as follows:

###
############
Configuration template for UC924 firmware version 1.0.3.70
###
############

###
############
Account Settings
###
###########
#------------------------------------
Account 1--basic setting
#------------------------------------

# Account Active (In Use). 0 - No, 1 - Yes
# Number: 0, 1
# Mandatory
P271 = {$line_active.line.1|1}

# Primary SIP Server(eg:sip.mycompany.com   or IP address)
# String
P47 = {$server_host.line.1}

Failover SIP Server(Optional, used when primary server no response)
String
P967 =

Second Failover SipServer(Optional, used when Failover SIP Server no response)
P8851 =

# Prefer Primary SIP Server(Yes-will register to Primary SIP Server if Failover registration expires)
# Prefer Primary SIP Server (In Use). 0 - No, 1 - Yes
# Number: 0, 1
# Mandatory
P4567 = 0

Outbound Proxy(proxy.myprovider.com, or IP address, if any)
string
P48 =

Htek

Backup Outbound Proxy(This is Usually Set as IP addr)
P20047 =

# SIP Transport
# 0 - UDP, 1 - TCP, 2 - TLS
P130 = 0

NAT Traversal. 0 - No, 1 - STUN   2 - No,but send keep alive
#Number: 0-2
# Mandatory
P52 = 2

Label(This name will be displayed on the device's LCD)
P20000=

# SIP User ID
P35 = {$username.line.1}

# Authenticate ID
P36 = {$username.line.1}

# Authenticate password
P34 = {$secret.line.1}

# Name
P3 = {$displayname.line.1}

# DNS Mode. 0 - A Record, 1 - SRV, 2 - NAPTR/SRV
# Number: 0-2
# Mandatory
P103 = 0

# User ID Is Phone Number.0 - No, 1 - Yes
# Number:0, 1
P63 = 0

# SIP Registration. 0 - No, 1 - Yes
# Number:0, 1
# Mandatory
P31 = 1

Unregister On Reboot.0 - No, 1 - Yes
Number:0, 1

# Mandatory
P81 = 1

# Register Expiration(in minutes. default 1 hour, max 45 days)
P32 = 15

# Outgoing Call Without Registration.0 - No, 1 - Yes
# Number:0, 1
# Mandatory
P109 = 1

# Local SIP Port(default 5060)
P40 = 5060

# Use Random Port.0 - No, 1 - Yes
# Number:0, 1
# Mandatory
P78 = 0

Voice Mail UserID(UserID for voice mail system)
P33 =

# RPort.0 - No, 1 - Yes
P136 = 0

# RFC 2543 Hold.0 - No, 1 - Yes
P1100 = 1
We offer free Configuration File generator software in both Linux/Unix and Windows platform.
You can refer to <u><< Generate Configuration Files with HLLiteTool >></u> in the page 45.

2.6 How to edit cfgMAC.xml file

General XML syntax consists of a list of name-value pairs. P-Value is the element and value of the element represents the value for a particular configuration which P-Value represents corresponding.

Method 1:
You need to download cfg.xml file from IP Phone webpage(Management->Configuration ->Download xml file) or download this cfgMAC.xml file from website *www.htek.com,* then change the file name to cfgMAC.xml(mac is IP Phone address), and open the cfgMAC.xml, See the below screen shot:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<hl_provision version="1">
    <config version="1">
        <!--Account1/Basic-->
        <P271 para="Account1.Active">1</P271>
        <P47 para="Account1.Sipserver" />
        <P967 para="Account1.FailoverSipserver" />
        <P8851 para="Account1.SecondFailoverSipserver" />
        <P4567 para="Account1.PreferPrimaryServer">0</P4567>
        <P48 para="Account1.OutboundProxy" />
        <P20047 para="Account1.BackUpOutboundProxy" />
        <P130 para="Account1.SipTransport">0</P130>
        <P52 para="Account1.NatTraversal">2</P52>
        <P20000 para="Account1.Lable" />
        <P35 para="Account1.SipUserId" />
        <P36 para="Account1.AuthenticateID" />
        <P34 para="Account1.AuthenticatePassword" />
        <P3 para="Account1.DispalyName" />
        <P103 para="Account1.DnsMode">0</P103>
        <P63 para="Account1.UserIdIsPhoneNumber">0</P63>
        <P31 para="Account1.SipRegistration">1</P31>
        <P81 para="Account1.UnregisterOnReboot">0</P81>
        <P32 para="Account1.RegisterExpiration">15</P32>
        <P109 para="Account1.OutCallWithoutReg">1</P109>
        <P40 para="Account1.LocalSipPort">5060</P40>
        <P78 para="Account1.UseRandomPort">0</P78>
        <P33 para="Account1.VoiceMailId" />
        <P136 para="Account1.RPort">0</P136>
        <P1100 para="Account1.RFC2543Hold">1</P1100>
        <P8775 para="Account1.ConnectMode">0</P8775>
```

The parameters edited in the cfgMAC.xml file are described as follows:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<hl_provision version="1">
    <config version="1">
        <!--Account1/Basic-->
        <P271 para="Account1.Active">1</P271>
        <P47 para="Account1.Sipserver" />
        <P967 para="Account1.FailoverSipserver" />
        <P8851 para="Account1.SecondFailoverSipserver" />
        <P4567 para="Account1.PreferPrimaryServer">0</P4567>
        <P48 para="Account1.OutboundProxy" />
        <P20047 para="Account1.BackUpOutboundProxy" />
        <P130 para="Account1.SipTransport">0</P130>
        <P52 para="Account1.NatTraversal">2</P52>
        <P20000 para="Account1.Lable" />
        <P35 para="Account1.SipUserId" />
```

```
<P36 para="Account1.AuthenticateID" />
<P34 para="Account1.AuthenticatePassword" />
<P3 para="Account1.DispalyName" />
<P103 para="Account1.DnsMode">0</P103>
<P63 para="Account1.UserIdIsPhoneNumber">0</P63>
<P31 para="Account1.SipRegistration">1</P31>
<P81 para="Account1.UnregisterOnReboot">0</P81>
<P32 para="Account1.RegisterExpiration">15</P32>
<P109 para="Account1.OutCallWithoutReg">1</P109>
<P40 para="Account1.LocalSipPort">5060</P40>
<P78 para="Account1.UseRandomPort">0</P78>
<P33 para="Account1.VoiceMailId" />
<P136 para="Account1.RPort">0</P136>
<P1100 para="Account1.RFC2543Hold">1</P1100>
<P8775 para="Account1.ConnectMode">0</P8775>
```

You can edit the value in <></>field.

For example: The phone's SIP Server is 192.168.0.100, you need to edit the <P47 para="Account1.Sipserver">192.168.0.100</P47>.

If you want to configure others, for example:

`<P48 para="Account1.OutboundProxy" />` , you need to change it as

`<P48 para="Account1.OutboundProxy"></P48>` , only in this way you

can change the value.

Method 2:

Login phone webpage, configure each item you want (like, account information, programmable keys, firmware upgrade path...). Management ->Configuration, download XML file, then change the name to cfgMAC.xml.

![Htek logo]

3. Encrypt Configuration Files

Htek Configuration Generator allows user to encrypt the generated configuration file with AES 128-bit encryption. It allows user to choose not to encrypt the configuration file in Windows version, but it is recommended to use encryption for security reason.

3.1 How to encrypt the XML configuration file

The XML configuration file could be encrypted in AES-128-CBC algorithm. The encryption password is defined in P8631 (Management->Auto Provision->Set Common AES Key) of the configuration file.

Set Common AES Key	

The Password length is from 1-16, and password must be [0-9, A-F]
THE SHARED IV: 0B1E1D000F0B07091D1F04071F1E0407
The OpenSSL command-line to encrypt the file is as follows:
Openssl enc –e –aes-128-cbc –K <password>-iv
0B1E1D000F0B07091D1F04071F1E0407 –in cfg.xml –out cfgxxxxxxxxxxxx.xml
When the XML configuration file is encrypted in this method, Phone would only be able to decrypt and parse the file if user set the XML Config File Password in P8631 of binary configuration file or in the web UI.
Detailed steps:
Step 1: Login webpage, click Management→Configuration, download cfg.xml file, then run, input" Openssl enc –e –aes-128-cbc –K<password>-iv
0B1E1D000F0B07091D1F04071F1E0407   –in cfg.xml –out Cfgxxxxxxxxxxxx.xml"
(xxxxxxxxxxxxx is the *MAC* address)

```
[root@WilliamFedora test]# ll
total 36
-rwxr--r--. 1 nobody nobody 34454 2014-03-27 11:12 cfg.xml
[root@WilliamFedora test]# openssl enc -e -aes-128-cbc -K 1234567890 -iv 0B1E1D000F0B07091D1F04071F1E0407 -
in cfg.xml -out Cfg001fc11a96f4.xml
[root@WilliamFedora test]#
```

THE SHARED IV: 0B1E1D000F0B07091D1F04071F1E0407
Step 2: Put the Cfgxxxxxxxxxxxx.xml under upgrade server path
Step 3: You must set the AES Key: Management→Auto Provision: AES Key:

4. Customize Resource Files

Htek IP Phone allows to customize some resource files, like ring tone file, language package file and logo files. For how to customize resource files, as follows:

4.1 Customize ring tone

Htek IP Phone has several factory-default ring tones (Ring1, Ring2, Ring3). You can customize Ring4, Ring5, Ring6, Ring7 and Ring8 tone and upload them to the phone via auto provisioning.
You can change the ring tone configuration parameter to personalize ring tone:
For example: P8721 = 8

```
# Ring Tones
# 0 - default, 1 - Ring1.bin, 2 - Ring2.bin
# 3 - Ring3.bin, 4 - Ring4.bin, 5 - Ring5.bin
# 6 - Ring6.bin, 7 - Ring7.bin, 8 - Ring8.bin
P8721 = 8
```

For more information on customizing ring tone file, please refer to <<Making Ringtone Notes>> in page 53.

4.2 Customize LCD language

Htek IP Phone supports multiple language,you can modify the language and add a new language to the phone. The following table lists all available languages, associated language files and language template file:

Available language	Associated language files	Language template file
English	(Default, can't be customized)	LCD_English_Template.xml
French	1_Français(French).xml	
German	2_Deutsch(German).xml	
Spanish	3_Español(Spanish).xml	
Portuguese	4_Português(Portuguese).xml	
Russian	5_русский(Russian).xml	
Italian	6_Italiano(Italian).xml	
Polish	7_Polski(Polish).xml	
Turkish	8_Türk(Turkish).xml	
Serbian	9_Srpski(Serbian).xml	
ChinesSimplified	10_简体中文(ChineseSimplified).xml	

ChineseTraditional	11_繁体中文(ChineseTraditional).xml	
Slovenian	13_Slovenščina(Slovenian).xml	
Persian	14_Persian(Farsi).xml	
Hebrew	15_עברית(Hebrew).xml	
Slovak	16_Slovak.xml	
Czech	17_Czech.xml	
JapaneseSimplified	18_日本語(JapaneseSimplified).xml	
Dutch	19_Nederlands(Dutch).xml	

Below picture shows a portion of LCD_English_Template.xml file:
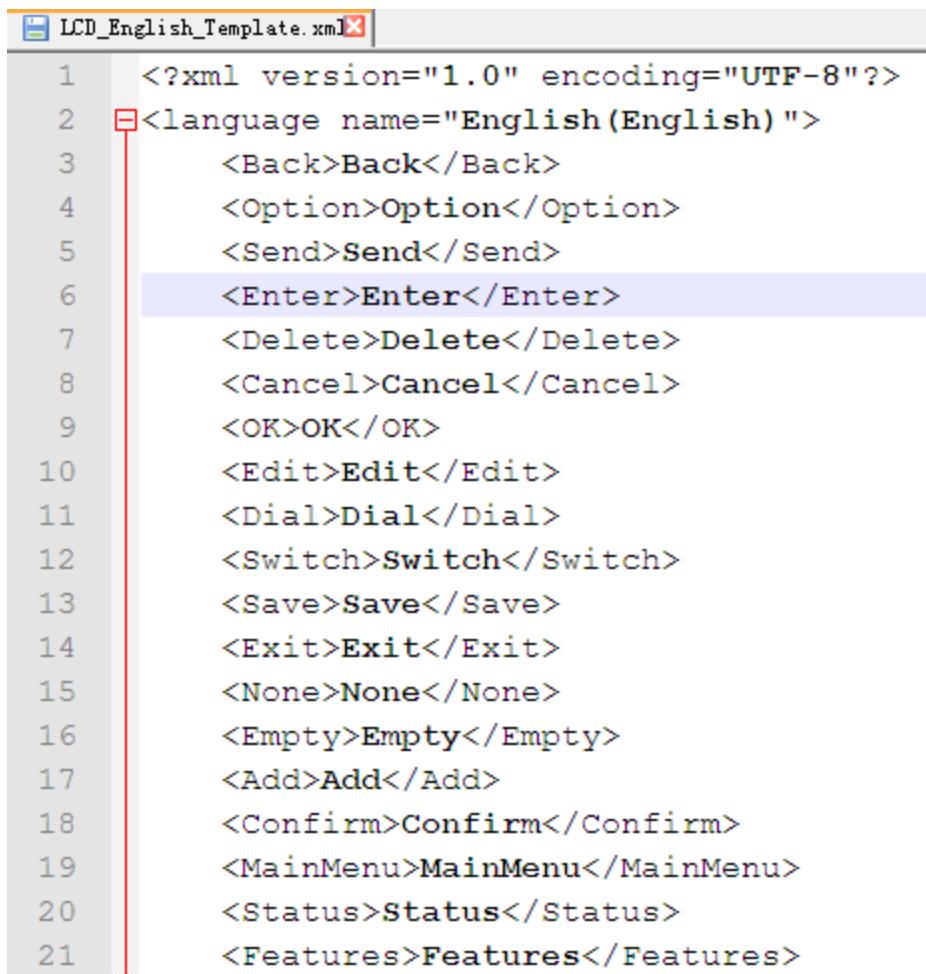
```
LCD_English_Template.xml
 1    <?xml version="1.0" encoding="UTF-8"?>
 2    <language name="English(English)">
 3        <Back>Back</Back>
 4        <Option>Option</Option>
 5        <Send>Send</Send>
 6        <Enter>Enter</Enter>
 7        <Delete>Delete</Delete>
 8        <Cancel>Cancel</Cancel>
 9        <OK>OK</OK>
10        <Edit>Edit</Edit>
11        <Dial>Dial</Dial>
12        <Switch>Switch</Switch>
13        <Save>Save</Save>
14        <Exit>Exit</Exit>
15        <None>None</None>
16        <Empty>Empty</Empty>
17        <Add>Add</Add>
18        <Confirm>Confirm</Confirm>
19        <MainMenu>MainMenu</MainMenu>
20        <Status>Status</Status>
21        <Features>Features</Features>
```

English is the default language, you can change configuration parameter to other languages:

```
# LCD Language (Choose the LCD language)
# 0 - English, 1 - French, 2 - German, 3 - Spanish, 4 -
Portuguese, 5 - Russian, 6 - Italian, 7 - Polish, 8 -
Turkish, 9 - Serbian, 10 - ChineseSimplified, 11 -
ChineseTraditional, 13 - Slovenian, 14 - Farsi, 15 - Hebrew,
16 - Slovak, 17 - Czech, 18 - JapaneseSimplified, 19 - Dutch
P8621 = 0
```

For more information on customizing an LCD language, please refer to <<LCD Language custom guide>> in page 56.

4.3 Customize web language

Htek IP Phone supports multiple language,you can modify the language and add a new language to the phone's webpage. The following table lists all available languages, associated language files and language template file:

Available language	Associated language files	Language template file
English	(Default, can't be customized)	Web_English_Template.js
French	1_French.js	
German	2_German.js	
Spanish	3_Spanish.js	
Portuguese	4_Portuguese.js	
Russian	5_Russian.js	
Italian	6_Italian.js	
Polish	7_Polish.js	
Turkish	8_Turkish.js	
ChineseSimplified	10_ChineseSimplified.js	
ChineseTraditional	11_ChineseTraditional.js	
Dutch	19_Dutch.js	

Below picture shows a portion of Web_English_Template.js file:

```
1  /*
2  <script>document.write(jscs.str_in_webpage);</script>
3  */
4  /*NOTE:  Please add phrase at the end of this file, so that our
   client can translate new added phrase */
5  jscs = {
6      "logout":"logout",
7      "statusstatu":"Home",//"Status",
8      "account":"Account",
9      /*ata*/
10     "fxs_port":"FXS Port",
11     "fxo_port":"FXO Port",
12     "fxs":"FXS",
13     "fxo":"FXO",
14     "fxs1":"FXS 1",
15     "fxs2":"FXS 2",
16     "fxo1":"FXO 1",
17     "fxo2":"FXO 2",
18     "fax_mode":"Fax Mode",
19     "T38":"T38",
20     "pass_through":"Pass Through",
21     "off_hook_dial": "Offhook Auto-Dial",
22     "fax_tone_detect": "Fax Tone Detect Mode",
23     "bell_style_conference":"Use Bell-style 3-way Conference",
24     "DistinctiveRingTone":"Distinctive Ring Tone",
25     "caller_id":"Caller Number:",
```

English is the default language,you can change configuration parameter to other languages:

```
# Web Language (Choose the webpage language)
# 0 - English, 1 - French, 2 - German, 3 - Spanish, 4 -
Portuguese, 5 - Russian,6 - Italian, 7 - Polish, 8 - Turkish,
10 - ChineseSimplified, 11 - ChineseTraditional, 19 - Dutch
P2525 = 0
```

For more information on customizing web language file, please refer to << Web Language custom guide>> in page 58.

4.4 Customizing wallpaper

You can customize Htek UC923/UC924/UC926 IP phones' wallpaper.

Below table shows wallpaper's format and resolution for UC923/UC924/UC926 IP phones:

Phone model	Photo format	Resolution	One file size	Photo number
UC923	.jpg, .bmp	320*240	<=2M	3
UC924	.jpg, .bmp	480*320	<=2M	3
UC924E	.jpg, .bmp	480*320	<=2M	3
UC926	.jpg, .bmp	480*272	<=2M	3
UC926E	.jpg, .bmp	480*272	<=2M	3

Wallpaper2 is default wallpaper, you can change configuration parameter to other wallpaper:

```
# Wallpaper
# 0 -Wallpaper1,1 -Wallpaper2,2 -Wallpaper3,3 -Wallpaper4,4
-Wallpaper5,5 -Wallpaper6
P8660 = 1
```

For more information on customizing wallpaper, please refer to <<LCD and Web GUI custom Guide >> in page 60.

4.5 Customizing screensaver

You can customize Htek UC923/UC924/UC926 IP phones' screensaver.

Below table shows screensaver's format and resolution for UC923/UC924/UC926 IP phones:

Phone model	Photo format	Resolution	One file size	Photo number
UC923	.jpg, .bmp	320*240	<=2M	3
UC924	.jpg, .bmp	480*320	<=2M	3
UC924E	.jpg, .bmp	480*320	<=2M	3
UC926	.jpg, .bmp	480*272	<=2M	3
UC926E	.jpg, .bmp	480*272	<=2M	3

Screensaver default is Off, you can change configuration parameter to activate the

Screensaver :

```
# ScreenSaver Type
# 0 - time & logo, 1 - photo switch,2 - ScreenSaver Photo1,3 -ScreenSaver Photo2,4 -ScreenSaver Photo3
P8950 = 0
```

For more information on customizing screensaver, please refer to <u><<LCDand Web GUI custom Guide >></u> in page 61.

4.6 Customizing weblogo

You can customize Htek all phone models' weblogo on webpage.

Phone model	Photo format	Resolution	File size
UC601/UC901/UC902/UC903/UC912/UC912G/UC912GM/UC923/UC924/UC924E/UC926/UC926E	.jpg	225*93	<=2M

For more information on customizing weblogo, please refer to <u><< LCD and Web GUI custom Guide >></u> in page 61.

5. Upgrade resource files

Htek IP phone supports upgrade resource files through URL (support HTTP(s) server). The files contain hlpres.tar, Language.tar, ring4.bin, ring5.bin, ring6.bin, ring7.bin, ring8.bin, exp_pres.tar, Screensaver and Wallpaper. For how to configure these files URL as follow:

5.1 How to configure URL for hlpres.tar

You can change the hlpres server configuration parameter to locate the file:
P20176=http(s)://192.168.0.254/hlpres.tar

5.2 How to configure URL for Language.tar

You can change the Language server configuration parameter to locate the file:
P20175=http(s)://192.168.0.254/Language.tar

5.3 How to configure URL for exp_pres.tar

You can change the exp_pres server configuration parameter to locate the file:
P20177=http(s)://192.168.0.254/exp_pres.tar

5.4 How to configure Path for ringx.bin

You can change the Ring server configuration Path, and IP Phone will get the files: ring4.bin, ring5.bin, ring6.bin, ring7.bin, ring8.bin automatically:
P20174=http(s)://192.168.0.254

5.5 How to configure URL for Screensaver

This parameter is only applicable to UC923, UC924, UC924E, UC926, UC926E.
You can change the Screensaver server configuration to locate the file:
P20051=http(s)://192.168.0.254/Screensaver.jpg
Note: 1. Screensaver file phone gets from server will cover the screensaver photo1.
    2. Only support format .jpg, .bmp.

5.6 How to configure URL for Wallpaper

You can change the Wallpaper server configuration to locate the file:
P20052=http(s)://192.168.0.254/wallpaper.jpg
Note: 1. Wallpaper file phone gets from server will cover the wallpaper6.
    2. Only support format .jpg, .bmp.

6. Upgrade Firmware

Version number and support files list:

1.0.3.58-1.0.3.72	1.0.3.73 or later
boot_9xx.bin	fw9xx.rom
img_9xx.bin	
hlpres.tar	
Language.tar	
ring4.bin	
ring5.bin	
ring6.bin	
ring7.bin	
ring8.bin	

Note：

When the phone which version is 1.0.3.71 or older upgrade to 1.0.3.73, phone will upgrade img_9xx.bin then automatically upgrade fw9xx.rom. fw9xx.rom is all-in-one firmware file. After upgrading to the 1.0.3.73 firmware, in the next time, phone will only need upgrade one file fw9xx.rom.

6.1 Configuring HTTP Server

Htek IP Phone supports using FTP, TFTP, HTTP and HTTPS protocols to obtain the address of provision server. Default way is HTTP. For how to configure a HTTP server, as follows:
You can download a free HTTP server from *http://httpd.apache.org/* or use Microsoft IIS web server. Then setup HTTP server.
For more information on how to configure TFTP, FTP and HTTPS servers, please refer to Upgrade through TFTP in page 63, Upgrade through FTP in page 66 and Upgrade through HTTPS in page 67.

6.2 How to Configuring HTTP Server

Login webpage, "Management" -> "Auto Provision" -> "Firmware Upgrade" -> "Upgrade Mode" needs to be set to HTTP. "Firmware Server Path" needs to be set to be a valid URL of a HTTP server, and server name can be in either FQDN or IP address format. Below are examples of some valid URLs.
e.g. firmware.mycompany.com:5688/Htek

e.g. www.mycompany.com:5688/fm/Htek

e.g. 218.2.83.110

Below are Instructions for FW upgrade via HTTP:

(1) You can download a free HTTP server from http://httpd.apache.org/ or use Microsoft IIS web server. Then setup HTTP server.

(2) Unzip the firmware file and put the files under the root/fm directory of the HTTP server.

(3) Visiting "http://192.168.0.254/fm/fw924.rom on localhost by browser" to verify the HTTP Server. If visiting "http://192.168.0.254/fm/fw924.rom on another computer is no prompt to download fw924.rom file, please check the firewall (Suggest to close the firewall).

(4) Change the setting of UC9xx (192.168.0.254 is HTTP server):
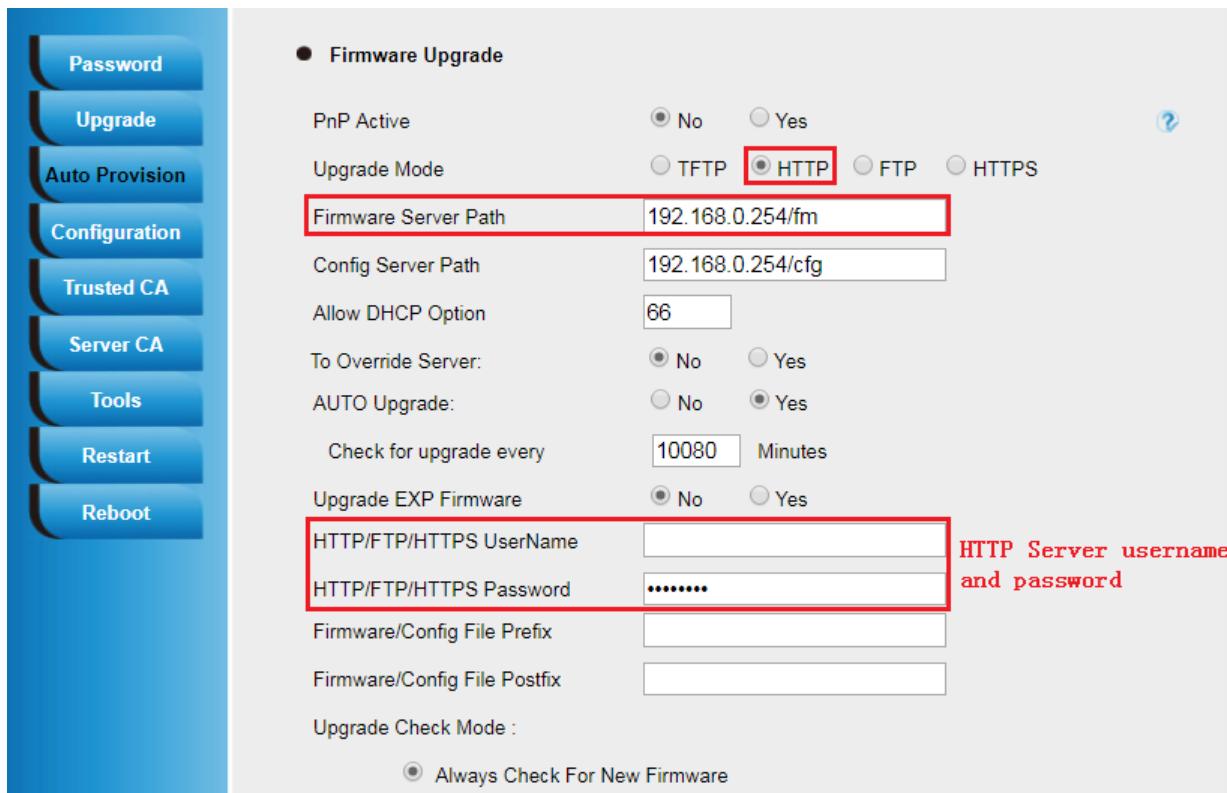
Click "SaveSet".

(5) Restart the UC9xx, IP Phone will restart and automatically get firmware files from HTTP server.

NOTES:

(1) We recommend you to use Htek HTTP server, or you can also use your own TFTP/HTTP/FTP/HTTPS server for upgrade and provisioning procedures.

(2) You need to update the settings and restart the IP Phone after "Firmware Server Path" is set. If the configured firmware server is found and a new code image is available, UC9xx IP Phone will attempt to retrieve the new image files by downloading them into the UC9xx's SDRAM. During this stage, the phones LEDs will blink more frequently until the checking/downloading process is finished. Upon verification of checksum, the new code image will be saved into the Flash. If TFTP/HTTP/FTP/HTTPS fails for any reason (e.g. TFTP/HTTP/FTP/HTTPS server is not responding, there are no code image files available

for upgrade, or checksum test fails, etc.), the phone will stop the TFTP/HTTP/FTP/HTTPS process and simply boot using the existing code image in the flash.

(3) Firmware upgrade takes 3 to 8 minutes over Internet, or just 1 minute on a LAN. We recommend you to upgrade the FW in a controlled LAN environment.

7. Obtain Provisioning Server's Address

Htek IP Phone supports to obtain the provisioning server address in below 3 ways:
- Plug and Play (PnP) Server
- DHCP Options
- Phone Flash

The priority of obtaining the provisioning server address: PNP Server (SIP PnP MCAST) --> DHCP Option 128 or 150 or 66 --> Configuration in Flash.

1) The PNP Server feature is enable default.
Webpage --> Management --> Auto Provision --> PnP Active: No/Yes
If you set "Yes", the Phone will obtain the provisioning server address from the PnP Server.
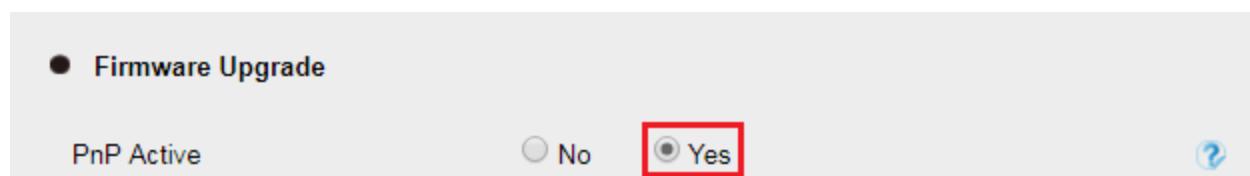
2) Setting of "DHCP Option 128 or 150 or 66":
If you set "PnP Active" to "No", login Webpage --> Management --> Auto Provision --> Allow DHCP Option (128 or 150 or 66) To Override Server: No/Yes
If you set "To Override Server" to "Yes", the Phone will obtain the provisioning server address from the DHCP Option (128). For examples:
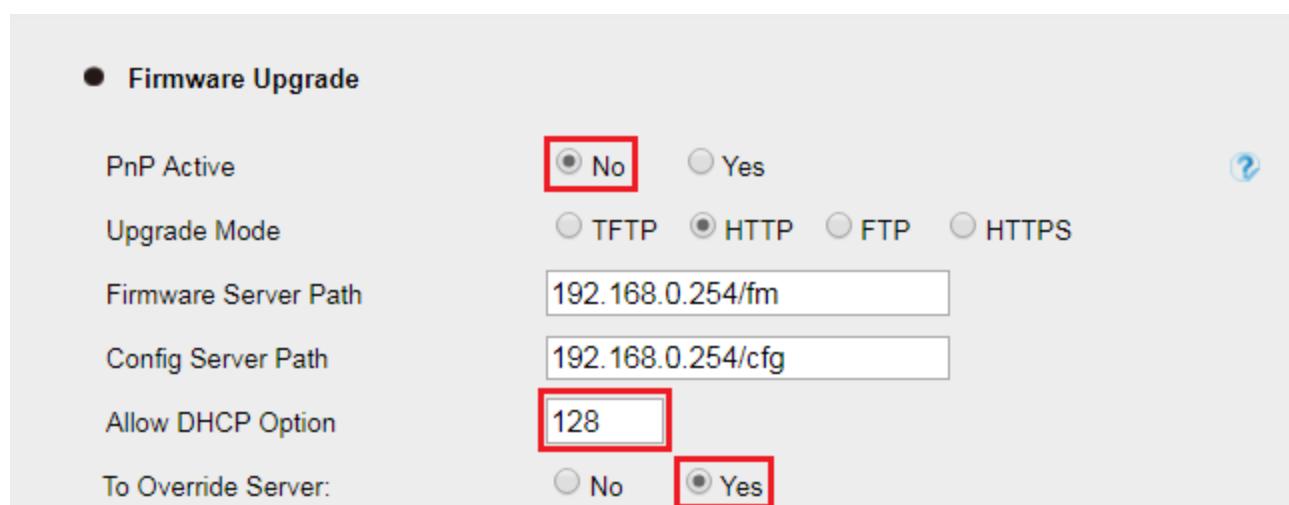
DHCP option 128 is tftp://192.168.1.240/cfg, the phone will get the configuration file from 192.168.1.240/cfg through TFTP protocol.
If the default setting is:

| Allow DHCP Option | 66 |
| To Override Server: | ◯ No ● Yes |

DHCP option 66 is http://192.168.1.240/cfg, the phone will get the configuration file from 192.168.1.240/cfg through HTTP protocol.

3) Configuration in Flash.

If you set both "PnP Active" and "To Override Server" to "No", or don't set DHCP option 128/66/150 in your DHCP server, the phone will obtain the provisioning server address from the setting "Config Server Path".

For examples, when the setting is:

● **Firmware Upgrade**

PnP Active	● No ◯ Yes	❓
Upgrade Mode	◯ TFTP ● HTTP ◯ FTP ◯ HTTPS	
Firmware Server Path	192.168.0.254/fm	
Config Server Path	192.168.0.254/cfg	
Allow DHCP Option	66	
To Override Server:	● No ◯ Yes	

The phone will get the configuration file from 192.168.0.254/cfg through HTTP protocol.

Note: You can set the phone to automatically upgrade every certain time:

For examples:

● **Firmware Upgrade**

PnP Active	● No ◯ Yes	❓
Upgrade Mode	◯ TFTP ● HTTP ◯ FTP ◯ HTTPS	
Firmware Server Path	192.168.0.254/fm	
Config Server Path	192.168.0.254/cfg	
Allow DHCP Option	66	
To Override Server:	● No ◯ Yes	
AUTO Upgrade:	◯ No ● Yes	
Check for upgrade every	10080 Minutes	

The phone will check the configuration file and the firmware every 10080 minutes (7 days). If there are the new cfg files or the new firmware, the phone will upgrade automatically.

8. Update mode

Update mode sets the desired time frames for phone to perform the auto provisioning process.

Below is the introduction of the 3 updating modes in detail:

- Power On
- Repeatedly
- SIP NOTIFY Message

Power On

Power On mode is set as default. The phone will perform auto provisioning process when it is power on.

Repeatedly

The phone performs auto provisioning process at a regular interval. You can configure the interval for the Repeatedly mode. The default interval is 10080 minutes.

To activate the Repeatedly mode via web user interface:

1.Click the Management->Auto Provision:

2.AUTO Upgrade set Yes：
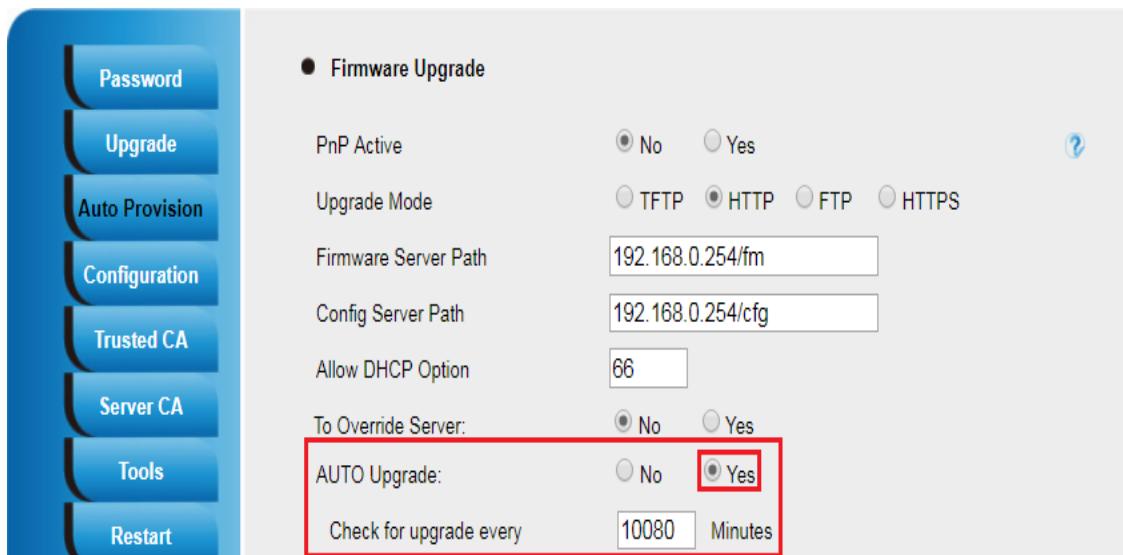
3.Click the "SaveSet" button to save the change.

SIP NOTIFY Message

The phone will perform auto provisioning process when receiving a SIP NOTIFY message which contains the header "Event: check-sync". If the header of the SIP NOTIFY message contains an additional string "reboot=true", the phone will reboot immediately and then perform the auto provisioning process. For this update mode, it requires the server supports.

Below picture shows the message flow:

Notify

Event: check-sync; reboot=true

200 OK
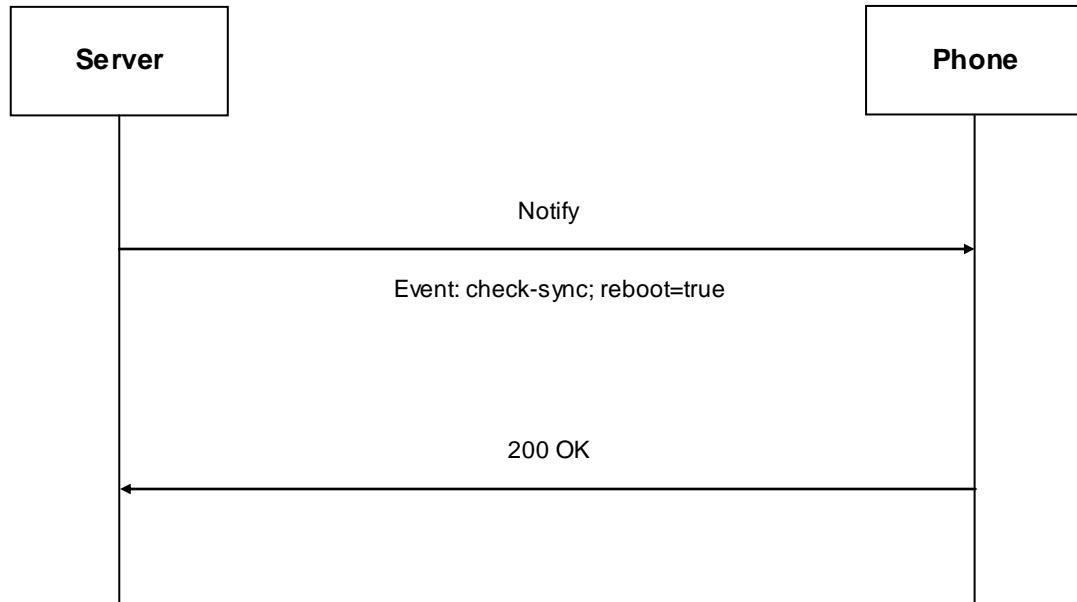
9. Download and Verify Configurations

9.1 Download configuration files

Once obtaining a provisioning server address in one of the ways introduced above, the phone will connect to the provisioning server and download configuration files. During the auto provisioning process, the phone will try to download the common configuration file cfg000x.xml firstly, and then try to download the cfgMAC.xml file from the provisioning server.

9.2 Resolve and Update configurations

The phone will resolve the configuration files after downloading, then update the configurations to the phone flash. Generally, the phone will reboot to make the configurations effective after the auto provisioning process is finished.

9.3 Verify configurations

You can verify the update via phone user interface after auto provisioning, or you can verify it via web user interface
During the auto provisioning process, you can monitor the downloading requests and response messages by a wireshark tool.
Some examples show as follows:
Example1: Htek UC924 IP Phone downloads configuration files from TFTP server.
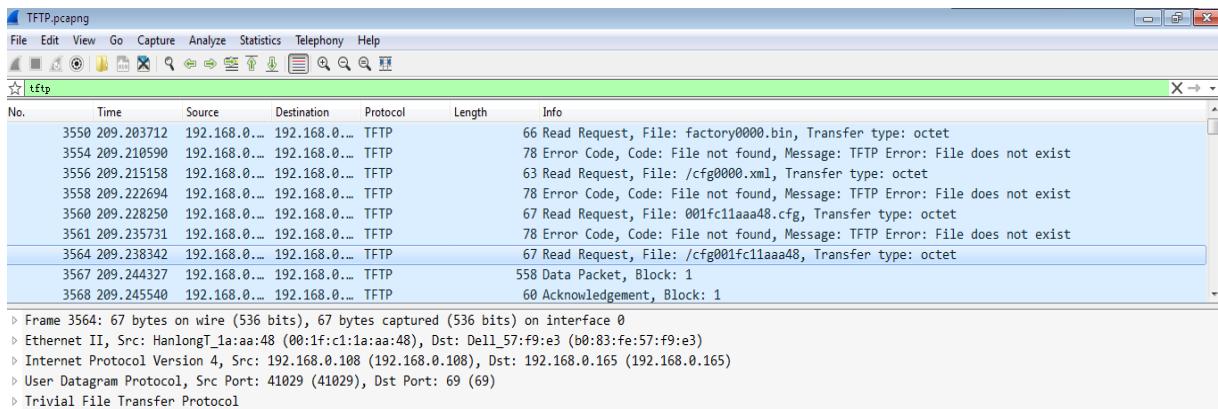
Example2: Htek UC924 IP Phone downloads configuration files from FTP server .
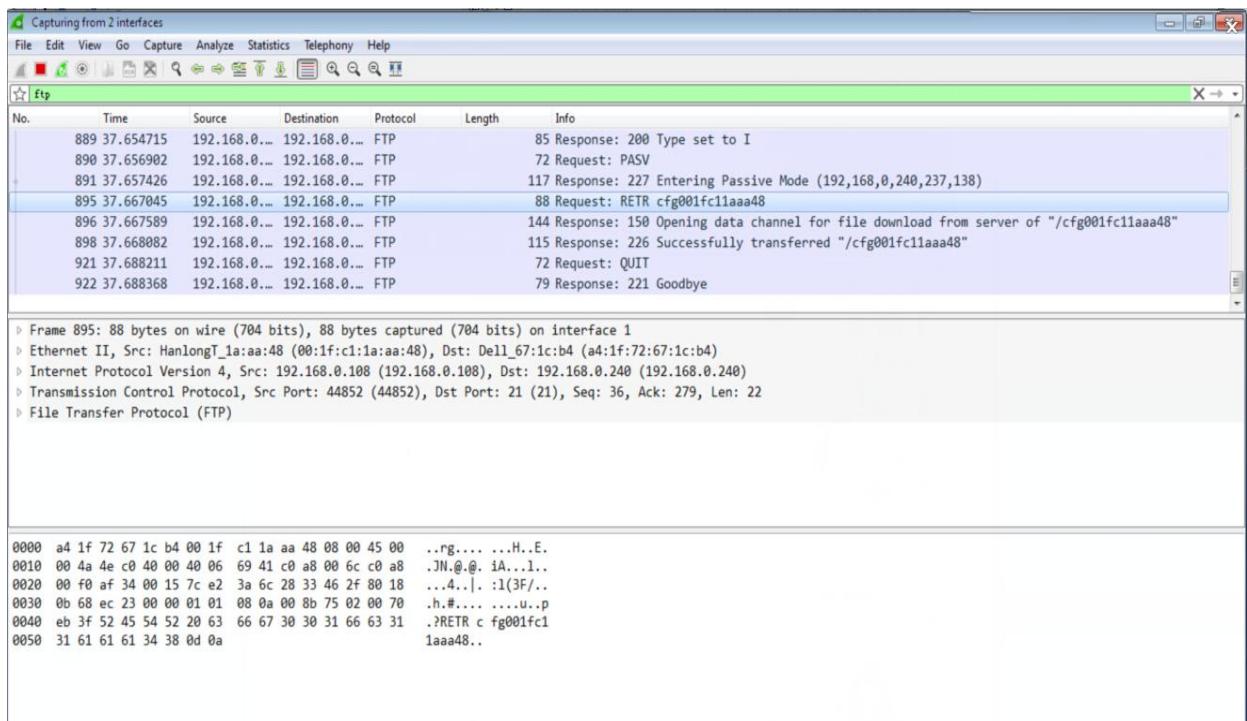
Example3: Htek UC924 IP Phone downloads configuration files from HTTP server .
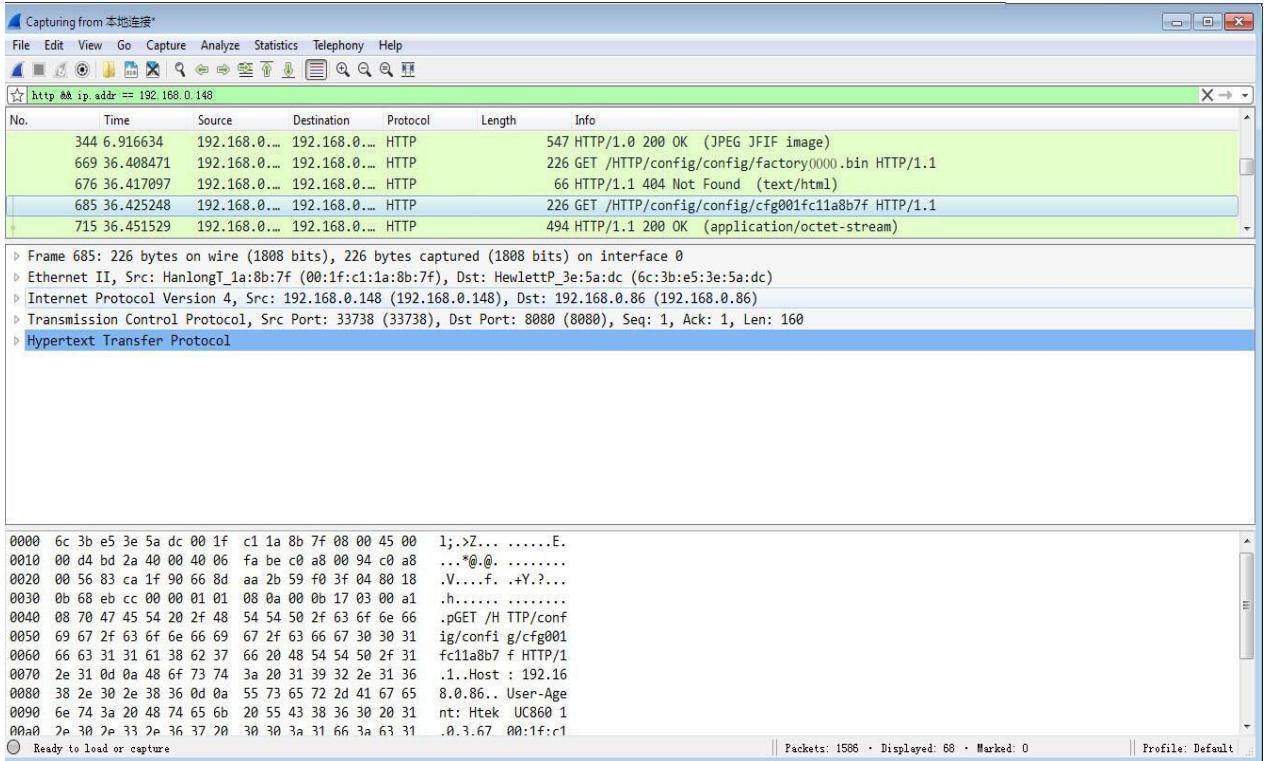
10. Firmware and Configuration File Prefix and Postfix

Htek IP Phone supports Prefix and Postfix for both firmware and configuration files.
Parameter P232 and P233 are for Prefix and Postfix for Firmware, respectively.
Parameter P234 and P235 are for Prefix and Postfix for Configuration file, respectively.
Firmware Prefix and Postfix allows device to download the firmware name with the matching Prefix and Postfix.
In addition, when Parameter P238 (Check New Firmware only when F/W pre/suffix changes) is set to 1, the device will only issue the Firmware Upgrade request if there are changes in the firmware Prefix or Postfix.
Below are the firmware BASIC NAMES that are related to UC924P:
If the firmware version is earlier than 1.0.3.73, the firmware BASIC NAMES as follows:
- boot_924.bin
- img_924.bin
- ring4.bin
- ring5.bin
- ring6.bin
- ring7.bin
- ring8.bin
- Language.tar
- hlpres.tar

Service provider can use "hl_" as prefix, and "_1.0.3.70" as postfix, the above files will be changed to:
- hl_boot_924.bin_1.0.3.70
- hl_img_924.bin_1.0.3.70
- hl_ring4.bin_1.0.3.70
- hl_ ring5.bin_1.0.3.70
- hl_ ring6.bin_1.0.3.70
- hl_ ring7.bin_1.0.3.70
- hl_ ring8.bin_1.0.3.70
- hl_ Language.tar _1.0.3.70
- hl_ hlpres.tar _1.0.3.70

If the firmware version is 1.0.3.73 or later than 1.0.3.73, the firmware BASIC NAME as follows:

●   fw924.rom

Service provider can use "hl_" as prefix, and "_1.0.3.73" as postfix, the above files will be changed to:

●   hl_ fw924.rom _1.0.3.73

In this way, all of the firmware with different version could be stored in one single directory, and they could be differentiated by using prefix or postfix, i.e., all files with a postfix of "_1.0.3.73" belong to the firmware version 1.0.3.73.

Same rule applies to configuration files, i.e., for configuration file named "cfg001fc1001708", there could be 3 versions: "hl_ cfg001fc1001708_cfg001", "hl_ cfg001fc1001708_cfg002", and "hl_ cfg001fc1001708_cfg003". The BASIC NAME of the configuration file is "cfg001fc1001708", but there are 3 different versions, the one that will be accepted is the one with matching prefix and postfix specified in the current configuration.

11. Firmware Server and Configuration File Server

Beside the Prefix and Postfix for firmware and configuration files, different server paths for firmware upgrade or Configuration File Server can be specified in different FQDN, i.e.:

The parameters are P192 and P237 for Firmware and Config Server

12. Manage Firmware and Download Configuration File

When parameter P194 (Auto Upgrade) is set to 1, Service Provider can use P193 (Auto Check Interval) to have the devices periodically check with either Firmware Server or Config Server, whenever they are defined. This allows the device periodically check if there are any new changes need to be taken on a scheduled time. By defining different intervals in P193 for different devices, Service Provider can distribute the Firmware or Configuration File download schedule to reduce the Firmware or Provisioning Server load at any given time.

13. Pre_Configuration and Configuration Redirection

Please note: If your phone default setting is as below:
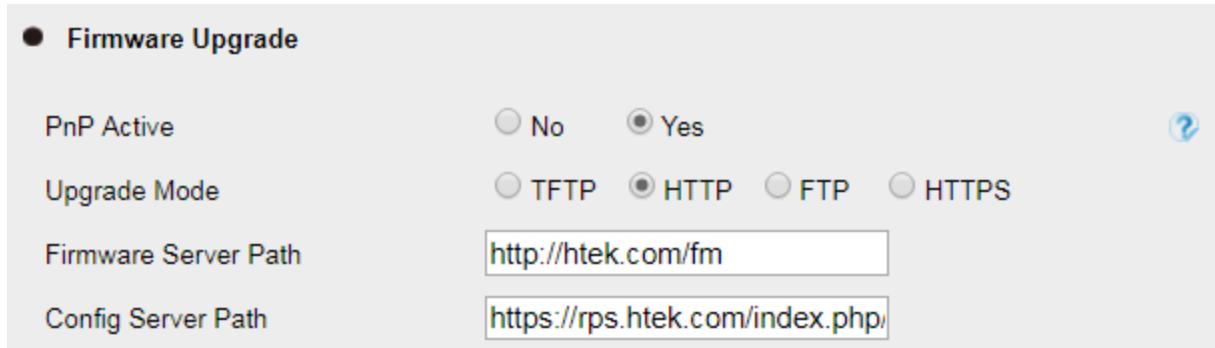
Firmware Upgrade

PnP Active	○ No ◉ Yes	
Upgrade Mode	○ TFTP ◉ HTTP ○ FTP ○ HTTPS	
Firmware Server Path	http://htek.com/fm	
Config Server Path	https://rps.htek.com/index.php/	

Currently Htek Phone does not support pre_configuration and configutration Redirection, please refer to section 6 in page 24.

For mass deployment, we provide TFTP/HTTP redirection service. By default, all Htek products point to our provisioning system. When a unit is powered up, it will automatically contact our provisioning server. Our provisioning server will redirect the unit to customer's TFTP/FTP/HTTP/HTTPS server. The unit will reboot and send further provisioning request to ask for configuration file (or firmware file) from customer's TFTP/FTP/HTTP/HTTPS server.

Below is the information that we need from service providers for TFTP/HTTP redirection:

1. MAC address range, this should be printed on the carton box
2. Your TFTP/FTP/HTTP/HTTPS server IP address
3. Your company name and address

Here are the things that service providers should do:

1. Create configuration files for all the devices and put them on your TFTP/HTTP server.

2. Download the latest official release from http://www.htek.com/download.php and put them on your TFTP/FTP/HTTP/HTTPS server (same directory as above)

3. After we inform you that the devices have been entered into our central provisioning database, please take out a few devices to test. Upon powering up, they should contact our provisioning server https://rps.htek.com/index.php/fn/g first, and then get redirected to your TFTP/FTP/HTTP/HTTPS server and pull out the configuration files and the firmware files. They will be upgraded to the latest firmware with your configurations.

14. Automatic Provisioning Within LAN

Htek products support DHCP Option 66 or 128 or 150 for automatic provisioning within a Local Area Network. The provisioning server URL is embedded inside standard option 66 or 128 or 150 of DHCP responses.

Htek IP Phones send DHCP DISCOVER with the following information:

```
No.     Time       Source            Destination       Protocol    Length  Info
   5223 71.4139560 0.0.0.0           255.255.255.255   DHCP           590  DHCP Discover - Transaction ID 0x9998bd5
   5224 71.4139680 192.168.0.254     255.255.255.255   DHCP           389  DHCP Offer    - Transaction ID 0x9998bd5
   5225 71.4180040 0.0.0.0           255.255.255.255   DHCP           590  DHCP Request  - Transaction ID 0x9998bd5
   5226 71.4180140 192.168.0.254     255.255.255.255   DHCP           389  DHCP ACK      - Transaction ID 0x9998bd5
```
```
     rour (crrent) ir audress: 0.0.0.0 (0.0.0.0)
     Next server IP address: 0.0.0.0 (0.0.0.0)
     Relay agent IP address: 0.0.0.0 (0.0.0.0)
     Client MAC address: HanlongT_1a:96:e4 (00:1f:c1:1a:96:e4)
     Client hardware address padding: 00000000000000000000
     Server host name not given
     Boot file name not given
     Magic cookie: DHCP
```
```
0040  00 00 00 00 00 00 00 1f  c1 1a 96 e4 00 00 00 00    ..........................
0050  00 00 00 00 00 00 00 00  00 00 00 00 00 00 00 00    ..........................
0060  00 00 00 00 00 00 00 00  00 00 00 00 00 00 00 00    ..........................
```

DHCP Server can be configured to send the following information in its DHCP OFFER. Please notice that in this example, an HTTP://URL is provided in the Option 66 "TFTP Server Name" field or Option 128 "TFTP server IP address" or Option 150 "TFTP server address". Device will then issue HTTP requests instead of the traditional TFTP requests to the server. This design makes more flexible in device provisioning.

```
No.     Time       Source            Destination       Protocol    Length  Info
   3299 34.7459840 0.0.0.0           255.255.255.255   DHCP           590  DHCP Discover - Transaction ID 0x5644dd47
   3433 37.2514340 192.168.0.254     255.255.255.255   DHCP           389  DHCP Offer    - Transaction ID 0x5644dd47
   3434 37.2541100 0.0.0.0           255.255.255.255   DHCP           590  DHCP Request  - Transaction ID 0x5644dd47
   3435 37.2541210 192.168.0.254     255.255.255.255   DHCP           389  DHCP ACK      - Transaction ID 0x5644dd47
```
```
  ⊞ Option: (66) TFTP Server Name
  ⊟ Option: (128) DOCSIS full security server IP [TODO]
       Length: 27
       Value: 746674703a2f2f3139322e3136382e302e38362f636f6e66...
  ⊞ Option: (255) End
```
```
0140  00 03 04 c0 a8 00 01 06  08 da 02 87 01 08 08 08    ..........................
0150  08 2a 04 c0 a8 00 2d 42  0e 31 39 32 2e 31 36 38    .*....-B .192.168
0160  2e 30 2e 32 35 34 00 80  1b 74 66 74 70 3a 2f 2f    .0.254. .tftp://
0170  31 39 32 2e 31 36 38 2e  30 2e 38 36 2f 63 6f 6e    192.168. 0.86/con
0180  66 69 67 00 ff                                       fig.
```
```
 ● 🗹   Bootp/Dhcp option type (bootp.option.ty...    ...    Profile: Default
```

15. Troubleshooting

This part provides guidance to help you solve problems you might encounter when deploying phones.
If you require additional information or assistance with the deployment, please contact your system administrator.

Why does the phone fail to download configuration files?
- Ensure that auto provisioning feature is configured properly.
- Ensure that the provisioning server and network are reachable.
- Ensure that authentication credentials configured on the phone are correct.
- Ensure that configuration files exist on the provisioning server.

Why does the provisioning server return HTTP 404?
- Ensure that the provisioning server is properly set up.
- Ensure that the access URL is correct.
- Ensure that the requested files exist on the provisioning server.

Why does the phone display "Network Down"?
- Ensure that the Ethernet cable is plugged into the Internet port on the phone and the Ethernet cable is not loose.
- Ensure that the switch or hub in your network is operational.
- Ensure that the configurations of network are properly set in the configuration files.

Why is the permission denied when uploading files to the root directory of the FTP server?
- Ensure that the complete path to the root directory of the FTP server is authorized.
- Check security permissions on the root directory of the FTP server, if necessary, change the permissions.

Why doesn't the phone obtain the IP address from the DHCP server?
- Ensure that settings are correct on the DHCP server.
- Ensure that the phone is configured to obtain the IP address from the DHCP server.

Why doesn't the phone display the Language, only display English on LCD and Web?
- Ensure that the name of the language is correct.
- Ensure that the network is available and the root directory is right for downloading.
- Ensure that the parameters are correctly set in the configuration files.
- Ensure that the language's Coding format is UTF-8.

Why doesn't the phone display the wallpaper or ScreenSaver or the weblogo of webpage?

- Ensure that the file format of the wallpaper, ScreenSaver and weblogo is *.jpg.
- Ensure that the size of the wallpaper, ScreenSaver and weblogo file is not larger than that the phone supports, or check the hlpres.tar is not larger than 2M.
- Ensure that the name of the wallpaper, ScreenSaver and weblogo are correct.
- Ensure that the network is available and the root directory is right for downloading.
- Ensure that the wallpaper, ScreenSaver and weblogo files in the hlpres.tar file.

Why doesn't the phone update configurations?
- Ensure that the configuration files are different from the last ones.
- Ensure that the phone has downloaded the configuration files.
- Ensure that the parameters are correctly set in the configuration files.

16. Glossary

MAC Address: A Media Access Control address (*MAC* address) is a unique identifier assigned to network interfaces for communications on the physical network segment.

DHCP: Dynamic Host Configuration Protocol (DHCP) is a network configuration protocol for hosts on Internet Protocol (IP) networks. Computers that are connected to IP networks must be configured before they can communicate with other hosts.

FTP: File Transfer Protocol (FTP) is a standard network protocol used to transfer files from one host to another host over a TCP -based network, such as the Internet. It is often used to upload web pages and other documents from a private development machine to a public web-hosting server.

HTTP: The Hypertext Transfer Protocol (HTTP) is an application protocol for distributed, collaborative, hypermedia information systems. HTTP is the foundation of data communication for the World Wide Web.

HTTPS: Hypertext Transfer Protocol Secure (HTTPS) is a combination of Hypertext Transfer Protocol (HTTP) with SSL/TLS protocol. It provides encrypted communication and secure identification of a network web server.

TFTP: Trivial File Transfer Protocol (TFTP) is a simple protocol to transfer files. It has been implemented on top of the User Datagram Protocol (UDP) using port number 69.

AES: Advanced Encryption Standard (AES) is a specification for the encryption of electronic data.

URL: A uniform resource locator or universal resource locator (URL) is a specific character string that constitutes a reference to an Internet resource.

XML: Extensible Markup Language (XML) is a markup language that defines a set of rules for encoding documents in a format that is both human-readable and machine-readable.

17. How to Edit cfg000x.xml

When Htek device boots up or reboots, it will generate a request for a XML configuration file named "cfg000x.xml". It is a common configuration, all Htek device can get this configuration file. Then Htek device will request for a binary format configuration file named "cfgMAC" and another XML configuration file named "cfgMAC.xml", in which "MAC" is the *MAC* address of the device. Configuration files cfgMAC and cfgMAC.xml can only be obtained from Htek device which has mac address.
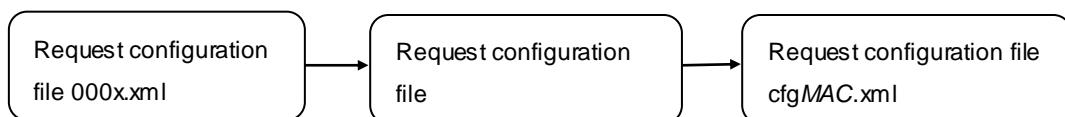
```
┌─────────────────────┐    ┌─────────────────────┐    ┌─────────────────────┐
│ Request configuration│ → │ Request configuration│ → │ Request configuration file│
│ file 000x.xml        │    │ file                 │    │ cfgMAC.xml           │
└─────────────────────┘    └─────────────────────┘    └─────────────────────┘
```

You can customize configuration parameters by editing XML configuration file "cfg000x.xml", and different device would use different file name.

Device Type		file name
UC601	------>	cfg0111
UC901	------>	cfg0018
UC902	------>	cfg0017
UC903	------>	cfg0016
UC912/UC912G	------>	cfg0019
UC912GM	------>	cfg0019
UC923	------>	cfg0013
UC924	------>	cfg0012
UC924E	------>	cfg0112
UC926	------>	cfg0010
UC926E	------>	cfg0110

For example, if you have a Htek device UC924 and you want to configure its Line key 1 as BLF to monitor extension 1002, you can realize this by following two methods.

1.Create a new XML file and add configuration parameters.

Step 1: Create a new XML file entitle it as cfg0000.xml. If your Htek device is UC924, you should entitle it as cfg0012.xml

```xml
1  <?xml version="1.0" encoding="UTF-8" ?>
2  <hl_provision version="1">
3      <config version="1">
4
5      </config>
6  </hl_provision>
7
```

Step 2: Login webpage, find out Web Setting Path of line key1. Function Keys-Line

Key-Key1

Step 3: Refer to << parameter list >>, you can get detailed description of this parameter.

Function Keys-> Line Key-> Line key 1->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)	P41200
Function Keys-> Line Key-> Line key 1->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20600
Function Keys-> Line Key-> Line key 1-> Value	string	Value	P41300
Function Keys-> Line Key-> Line key 1-> Label	String	Label	P41400
Function Keys-> Line Key-> Line key 1-> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P41500
Function Keys-> Line Key-> Line key 1-> Extension	String	Extension	P41600

According to description of parameter, we know parameter P41200 should be 3, parameter P41300 should be 1002 and parameter P41600 should be *20*.

Step 4: Edit cfg0012.xml as follow

```
1  <?xml version="1.0" encoding="UTF-8" ?>
2  <hl_provision version="1">
3      <config version="1">
4          <P41200 para="LineKey1.Type">3</P41200>
5          <P41300 para="LineKey1.Value">1002</P41300>
6          <P41400 para="LineKey1.Label" />
7          <P41500 para="LineKey1.Account">0</P41500>
8          <P41600 para="LineKey1.PickupCode">*20*</P41600>
9      </config>
10 </hl_provision>
```

Step 5: Put this XML configuration file in your config server path.

Step 6: Restart phone to apply to the settings.

2.Edit relevant parameter in the template file(template.xml)

Step 1: Login webpage, enter Function Keys -> Memory Key

Step 2 : Configure options you want, for example

Step 3: click "saveset" button to save the configuration.

Step 4: Enter Management -> Configuration

Click "Download Xml File" button to download the configuration Xml file. This file includes all parameters of this phone.

Step 5: Open the Xml file that you downloaded, you can find that the parameter has been changed.

```xml
<P901 para="HTTPPort">80</P901>
<P8724 para="HTTPSPort">443</P8724>
<P8725 para="Type">1</P8725>
<!--Network/Advance/802.1X-->
<P8626 para="802.1XMode">0</P8626>
<P8627 para="Identity" />
<P8628 para="MD5Password" />
<!--Network/Advance/Others-->
<P76 para="STUN Server" />
<P84 para="KeepAtiveInterval">20</P84>
<P8684 para="DhcpVlan">0</P8684>
<!--FunctionKeys-->
<P20478 para="LinePageIndicator">0</P20478>
<P20479 para="LineLabelLength">0</P20479>
<!--FunctionKeys/LineKey1-->
<P41200 para="LineKey1.Type">3</P41200>
<P20600 para="LineKey1.Mode">0</P20600>
<P41300 para="LineKey1.Value">1002</P41300>
<P41400 para="LineKey1.Label" />
<P41500 para="LineKey1.Account">0</P41500>
<P41600 para="LineKey1.PickupCode">*20*</P41600>
<!--FunctionKeys/LineKey2-->
<P41201 para="LineKey2.Type">1</P41201>
<P20601 para="LineKey2.Mode">0</P20601>
<P41301 para="LineKey2.Value" />
<P41401 para="LineKey2.Label" />
<P41501 para="LineKey2.Account">255</P41501>
<P41601 para="LineKey2.PickupCode" />
```

Step 6: Change the xml file's name to cfg0012.xml.

Step 7: Put this XML configuration file in your config server path.

Step 8: Restart phone to apply to the settings.

18. Generate Configuration File with Htek Provision Tool and Upgrade the Configuration File via HTTP/HTTPS/FTP/TFTP

Operating Environment

System	Windows 7 and later versions
Display	Minimum: 1280 X 800 pixels
Network	The computer running the software needs to be in the same network segment of the same area as the phone to be provisioned

Server:

HTTP Server: 192.168.0.106
HTTPS Server: 192.168.0.106
FTP Server: 192.168.0.106
TFTP Server: 192.168.0.106
Tool: HtekPT-1.1.1beta.exe

18.1 Generate the configuration file for Htek IP Phones

HPT can batch generate cfg files in a **Keyword-replace** manner.
In MAC mode, the first column must be "MAC" column, where only MAC addresses allowed in the form like "001fc1aabbcc" (lowercase).
"**Keyword-replace**" means to replace the item content (P value) by the exact keyword . To do this, the item to be replaced need to set its content (P value) to a unique string, such as "$$userId_1". If the CSV file contained a column whose head is just "$$userId_1", then all cfg files generated will substitute "$$userId_1" with the string in the cell of the column (specific row is determined by the MAC column).

Step 1. Prepare a CSV File (Sample path: \samples\MacModeSample.csv. Two rows at least needed.)

MAC	$$server.1	$$userId_1	$$authenId_1	$$pw_1	$$server.2	$$userId_2	$$authenId_2	$$pw_2
001fc11c6b77	192.168.0.8:15060	9001	9001	test11	192.168.0.9	522	522	test11
001fc11a92cc	192.168.0.8:15060	9002	9002	test11	192.168.0.9	523	523	test11
001fc11af2c0	192.168.0.8:15060	9003	9003	test11	192.168.0.9	524	524	test11
001fc11b7a2b	192.168.0.8:15060	9004	9004	test11	192.168.0.9	525	525	test11
001fc11c92a2	192.168.0.8:15060	9005	9005	test11	192.168.0.9	527	527	test11
001fc11c5ffa	192.168.0.8:15060	9006	9006	test11	192.168.0.9	529	529	test11
001fc11c6ada	192.168.0.8:15060	9007	9007	test11	192.168.0.9	860	860	test11

Define the **Keyword** you want to write into the CFG file. Such as:
MAC: MAC address of the phone

$$server.1: Primary SIP Server of Account 1

$$userId_1: SIP User ID of Account 1

$$authenId_1: Authenticate ID of Account 1

$$pw_1: Authenticate Password of Account 1

$$server.2: Primary SIP Server of Account 2

$$userId_2: SIP User ID of Account 2

$$authenId_2: Authenticate ID of Account 2

$$pw_2: Authenticate Password of Account 2

The corresponding item contents are shown as below:

Step 2. Edit Cfg File

1. **Select Device:** Click the drop-down box to select the device for visual editing. (If there isn't your device or version in the drop-down box, you can choose a similar device or choose UC926. However, if so, the following edits may present a risk of conflict.)
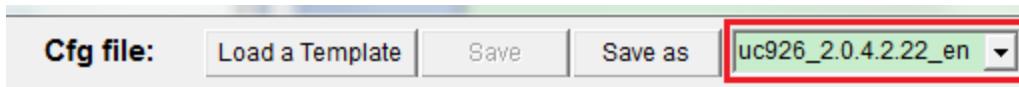
2. **Load the configuration file template:** By default, the software automatically selects the default cfg file of the current device (Default cfg file of a device is in the device directory, named as "$devCfg.bin").

You can also click "Load a Template" button to load a bin format cfg file as template. After loading, loaded cfg file will automatically rewrite the information in the Phone Configuration page.
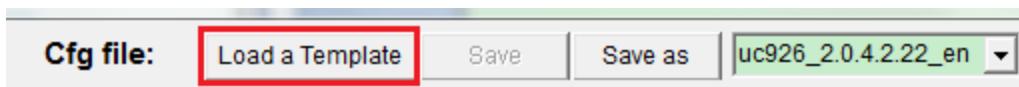
3. Switch to "Phone Configuration" page.

This page is divided to 3 areas. Left area shows the phone image, keys that can be set can be clicked. Middle area is the outline of all the configurable items. Right area shows details where you edit the exact configuration here.

Fill the right items with the right keywords.

4. In the process of editing, the software will automatically remember changes, so you can switch directly among the outline items. All the changes are kept temporally. You can click "Save" or "Save as" button to save these changes. Or let them alone.
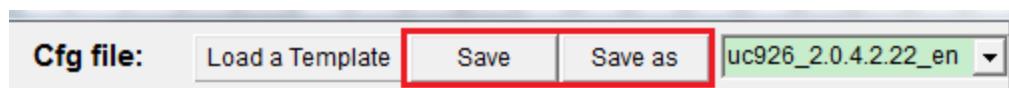
Step 3. Load CSV File and Generate Cfg Files
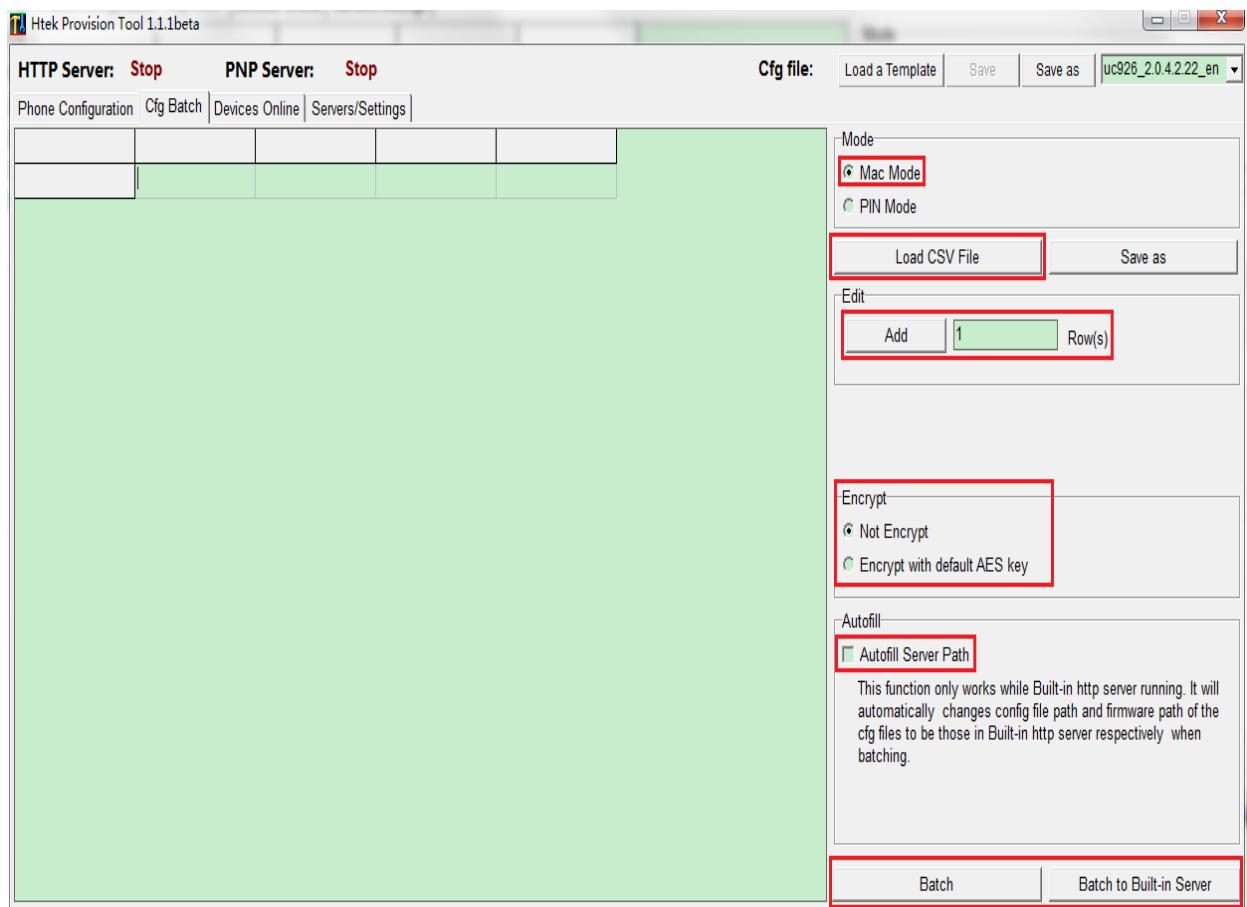
1. Click "Load CSV File" to load CSV file. All the content will be shown on the table.

NOTE: For many CSV editor, opened file is exclusively occupied. You need to close this file first, then load it with HPT.

2. Modify csv file if need. You can add rows, edit content or save this table as another file.

3. Choose to encrypt the generate files or not.

4. If built-in HTTP server has started, you can check "Autofill Server Path" to autofill the cfg server path and firmware server path. If you want to learn about how to start built-in HTTP server, please refer to 18.2.1 Step 1.

5. Click "Batch" to generate cfg files and save them in the desired directory, or click "Batch to Built-in Server" to generate and store them in the built-in HTTP server file directory (\server\htdocs\cfg and \server\htdocs\fw).
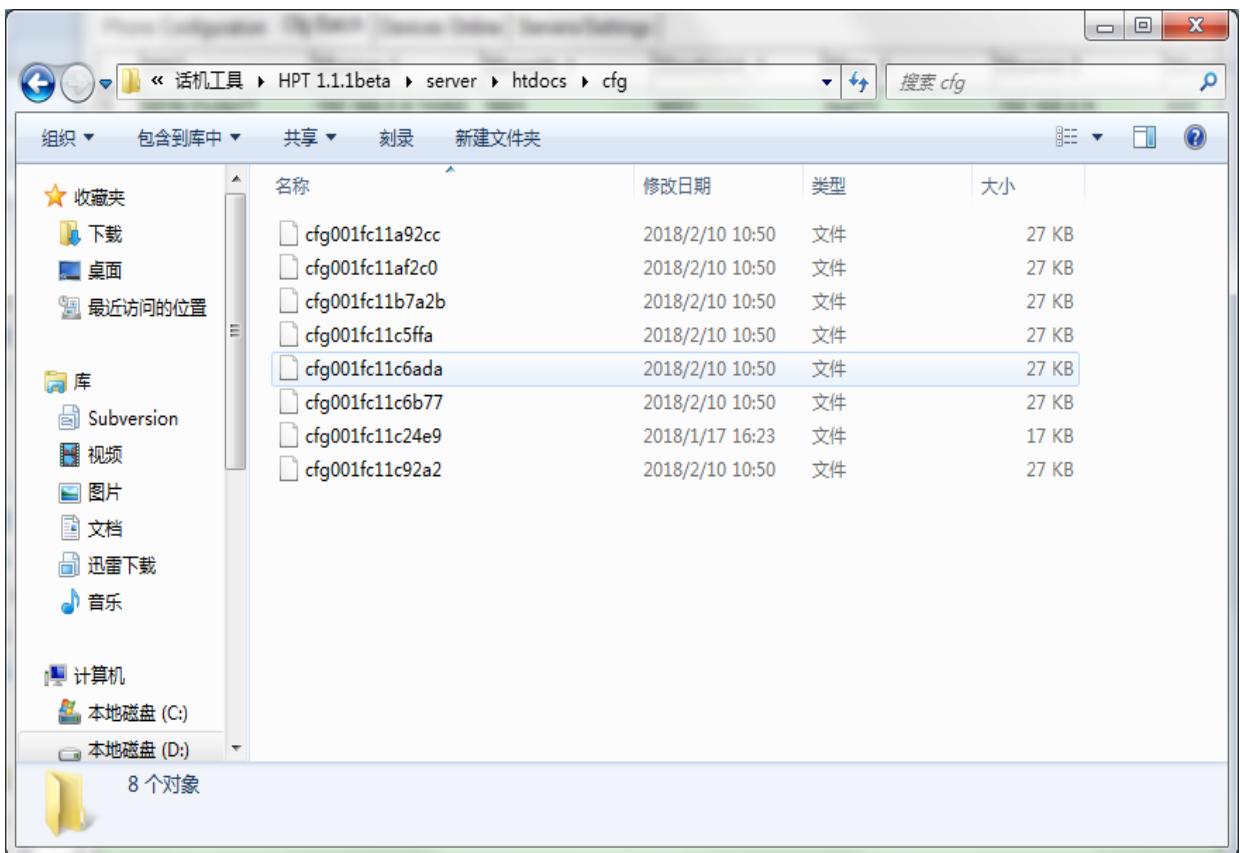
18.2 Upgrade cfgMAC file via HTTP/TPFP/FTP/HTTPS

18.2.1 Upgrade cfgMAC file via Htek Provision Tool

Step 1. Open servers

In general, to fully use all of the capabilities of Htek Provision Tool, you need to configure and start relevant servers first (Skip this step only when you just want to edit cfg files).

1. Switch pages to "Servers".

2. Select the right network interface, which can be accessed by other devices on the same network segment.
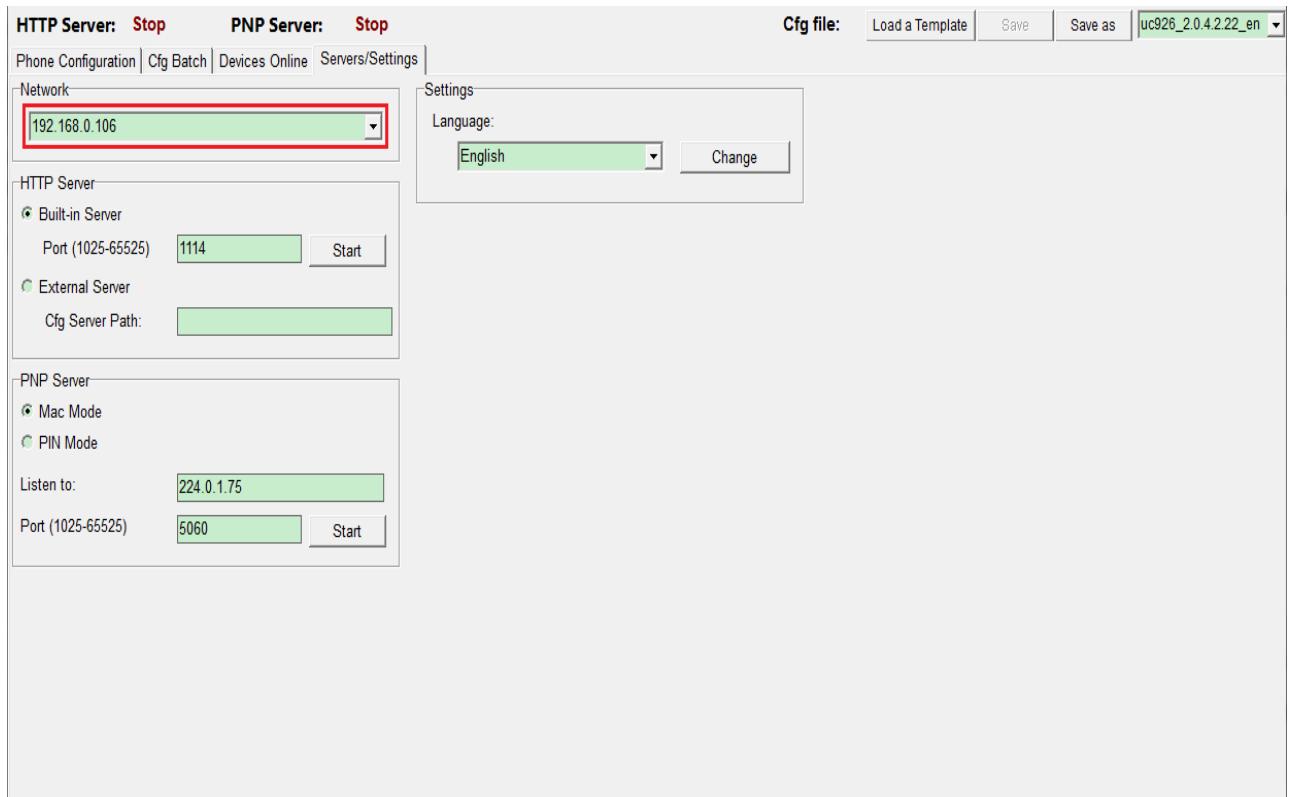
NOTE: For HTTP servers, you can choose build-in or external one. PNP server cannot be turned on until you have selected the external HTTP server or started built-in HTTP server.
3. To start build-in HTTP server, you need to fill in the port edit area with appropriate port, and then click "Start" to run. If the port is not available, it needs to be modified.
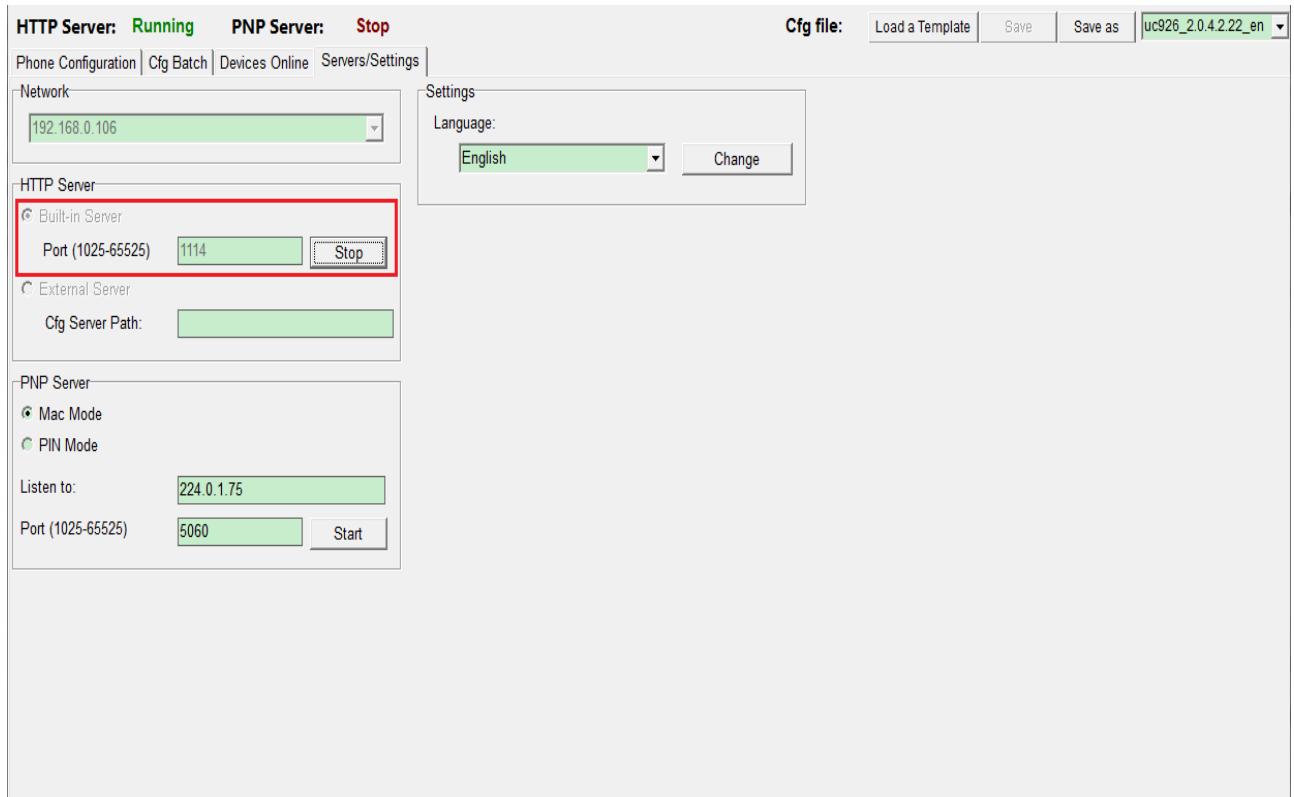
4. While choosing external Server, you need to fill in a configuration file server address (Cfg Server Path), such as "http://192.168.0.106/cfg" (without "/" at the end). Make sure that this path is accessible.
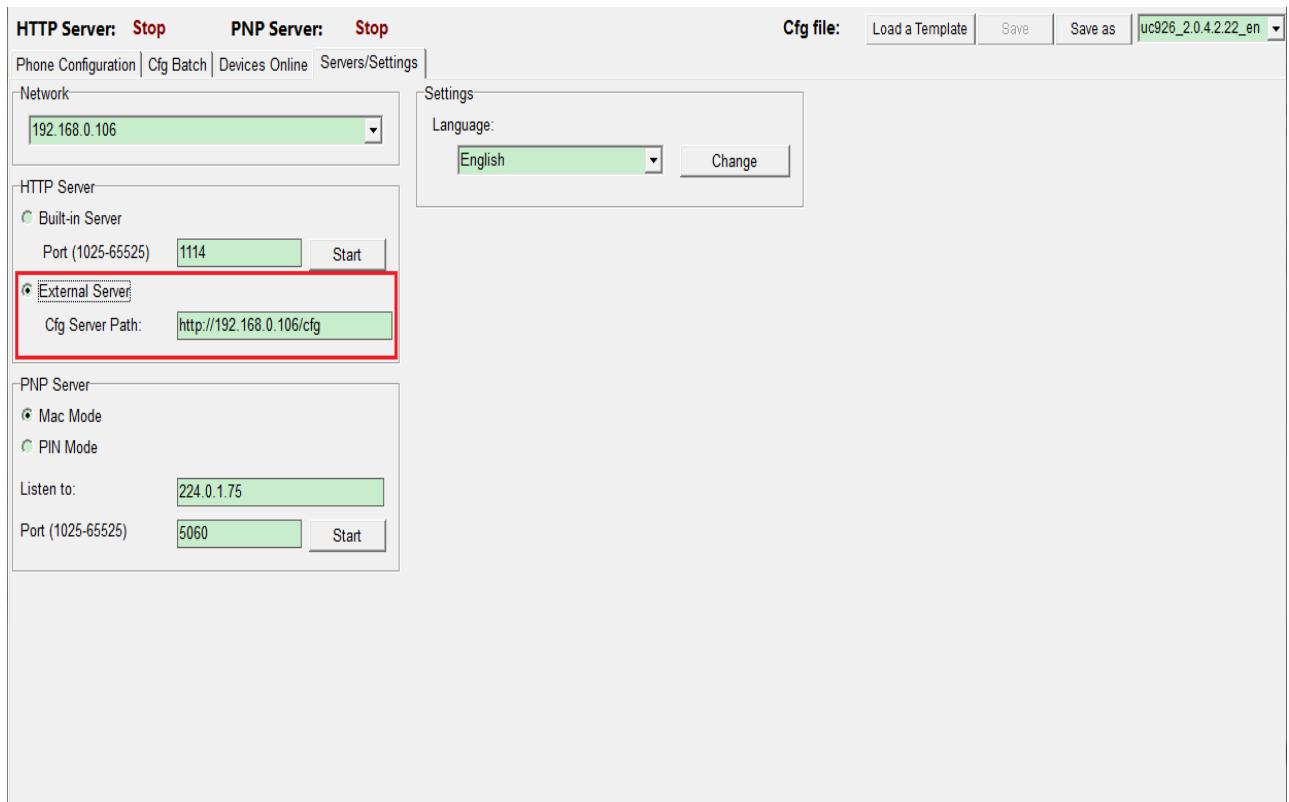
5. Start PNP server. For the Htek phones, fill "Listen to" box with "224.0.1.75" and fill "Port" box with "5060". **Do Not Change These Two Parameters If You Do Not Know What These Mean.** If you cannot start PNP server, please handle the problem according to the error message.
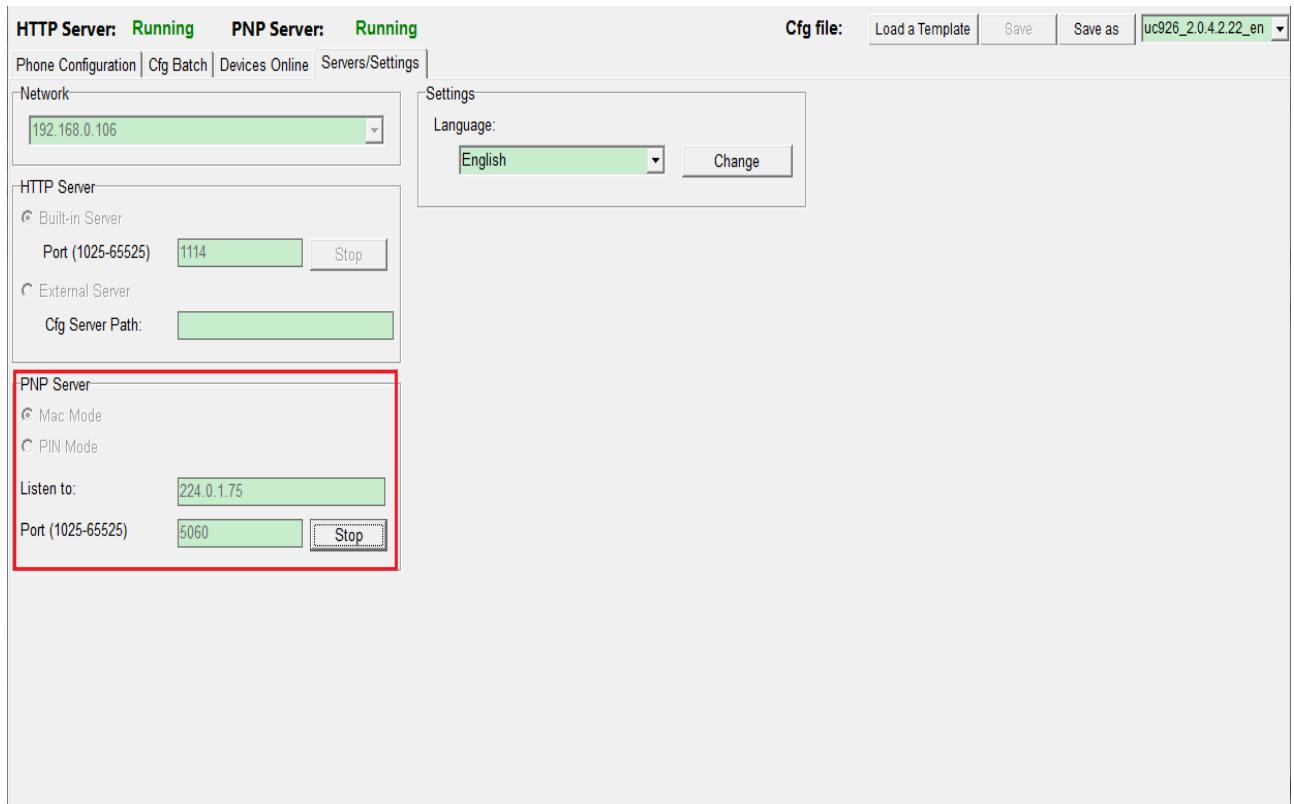
Step2. provision devices

1. If you want to provision the phone via PNP, just restart the phone now and it will be successfully provisioned.

2. If you want to provision directly, you can operate as follows:
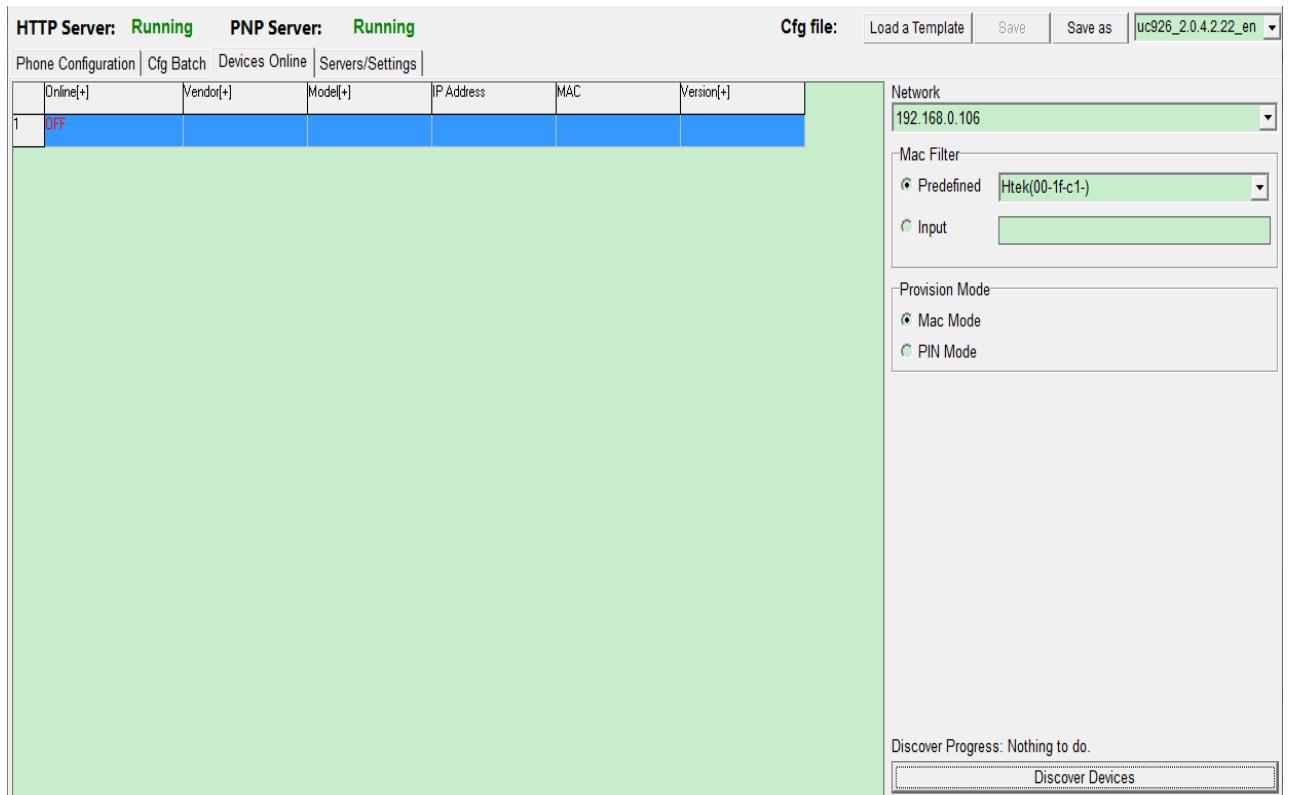
Switch pages to "Devices Online".

On this page, you can search for devices on the same network segment within the LAN and provision them.

(1) Select the right network interface, which can be accessed by other devices on the same network segment.

(2) Select a Mac address filter or input one (Input filter format: 00-1f, 00-1f -, 00-1f - c, 00-1f - c1-11-22 - , etc.).

(3) Click "Discover Devices" to start search. When the desired content has been found, click this button to end search, or wait for it to end on its own.
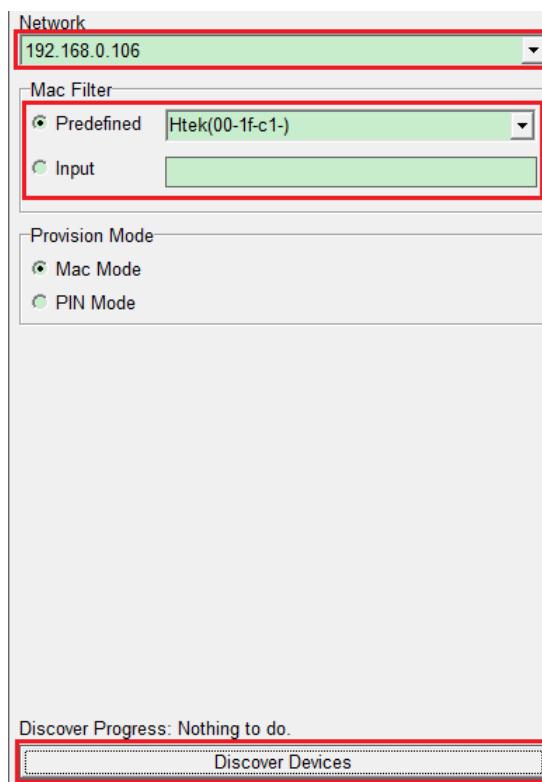
	Online[+]	Vendor[+]	Model[+]	IP Address	MAC	Version[+]
82	ON	Htek	UC803	192.168.1.149	00-1f-c1-1a-9e-a8	2.0.4.4.25
83	ON	Htek	UC924	192.168.1.146	00-1f-c1-1b-c8-bd	2.0.4.4.10
84	ON	Htek	UC804G	192.168.1.147	00-1f-c1-1b-4f-af	2.0.4.4.25
85	ON	Htek	UC926	192.168.1.152	00-1f-c1-1c-88-87	2.0.4.4.25
86	ON	Htek	UC802T	192.168.1.151	00-1f-c1-1c-6b-78	2.0.4.4.25
87	ON	Htek	UC926	192.168.1.174	00-1f-c1-1c-6a-da	2.0.4.4.24
88		Htek	UC926E	192.168.1.173	00-1f-c1-1c-77-4c	2.0.4.4.24
89		Htek	UC924	192.168.1.177	00-1f-c1-1b-c8-b8	2.0.4.4.10
90		Htek	CX220	192.168.1.175	00-1f-c1-1b-11-14	1.0.4.32
91	ON	Htek	UC862	192.168.1.176	00-1f-c1-1c-b1-b3	2.0.4.4.24
92	ON	Htek	UC924E	192.168.1.181	00-1f-c1-1c-b1-2c	2.0.4.4.25
93	ON	Htek	UC804G	192.168.1.180	00-1f-c1-1c-b1-b4	2.0.4.4.24
94	ON	Htek	UC804T	192.168.1.155	00-1f-c1-1a-8e-13	2.0.4.4.25
95	ON	Htek	UC802	192.168.1.185	00-1f-c1-1c-b1-b0	2.0.4.4.25
96	ON	Htek	UC901	192.168.1.184	00-1f-c1-1c-b1-b1	2.0.4.4.24
97	ON	Htek	CX270	192.168.1.186	00-1f-c1-1c-5c-43	2.0.4.32
98	ON	Htek	UC924	192.168.1.187	00-1f-c1-1b-c8-c3	2.0.4.2.24
99	ON	Htek	UC804	192.168.1.189	00-1f-c1-1b-55-34	2.0.4.4.25
100	ON	Htek	UC923	192.168.1.191	00-1f-c1-30-00-6f	2.0.4.4.25
101	ON	Htek	UC912G	192.168.1.194	00-1f-c1-1c-92-d4	2.0.4.4.25
102	ON	Htek	UC926E	192.168.1.196	00-1f-c1-1a-92-a8	2.0.4.4.25

The results of the search are presented as shown in the table above. The head can be used for the screening of device model and version number.

Click the most left num column, you can select a device, or you can select multiple devices by hold pressing left mouse key and dragging. Click the top left corner of the form to select all the devices of the current table. Left-click on the selected device, which will cancel the selection.

Right click, quick menu will pop up. There are three commands:

- "Provision": This command ask phones to fetch cfg file from the HTTP server where you defined on Page "Servers".
- "Upgrade": Same as "Provision" on current HPT version.
- "Refresh" : Check if the phones selected are still online.

All the selected phones will execute the command.

18.2.2 Upgrade cfgMAC file via configuring Htek IP Phone

Step 1: Login Htek IP device's webpage, Management→Auto Provision：

Via HTTP mode:

Via TFTP mode:

Via FTP mode:

Via HTTPS mode:

You can select the upgrade Mode what you want.

Step 7: Restart the Htek IP device.

e.g: You can see the request logs on the server:

```
[02-10 02:07:54 1c:6a:da] CfgUpgradeOpen(Protocol HTTP, Port 1114,
Filename cfg/cfg001fc11c6ada)
[02-10 02:07:54 1c:6a:da] HttpCOpen - AF_INET (4)
[02-10 02:07:54 1c:6a:da] Image_2 Read Head: len = 512
[02-10 02:07:54 1c:6a:da] HttpClientOpen:832###HTTP GET URL
cfg/cfg001fc11c6ada!!!
[02-10 02:07:54 1c:6a:da] HttpCOpen: HTTP Command Size 187 bytes,
Command:
GET /cfg/cfg001fc11c6ada HTTP/1.1
Host: 192.168.0.106
User-Agent: Htek UC926 2.0.4.4.24 00:1f:c1:1c:6a:da
Accept: */*
Connection: Keep-Alive
Authorization: Basic YWRtaW46MTIzNA==


[02-10 02:07:54 1c:6a:da] HttpCOpen: send 187 bytes success
[02-10 02:07:54 1c:6a:da] HttpCOpen: recv 107 bytes back
[02-10 02:07:54 1c:6a:da] HttpCOpen Content-Length=0
[02-10 02:07:54 1c:6a:da] HttpCOpen Content-Length=0
[02-10 02:07:54 1c:6a:da] HttpCOpen Content-Length=27162
[02-10 02:07:54 1c:6a:da] HttpCOpen rev response 200
[02-10 02:07:54 1c:6a:da] HttpCOpen OK
[02-10 02:07:54 1c:6a:da] HttpC get file total len (27162)
[02-10 02:07:54 1c:6a:da] HTTPC GetFile: Will Get Total Len: 27162
[02-10 02:07:54 1c:6a:da] AutoP: NewCfgCheckSum: 0x3d35 CurCfgCheckSum:
0x0
[02-10 02:07:54 1c:6a:da] AutoP: HTTP Ready to UPdate Cfg file...
[02-10 02:07:54 1c:6a:da] HttpCClose(1ca2dc0)
[02-10 02:07:54 1c:6a:da] HTTPC GetFile: Get Total Len: 27162 Success
[02-10 02:07:54 1c:6a:da] HTTPC get cfg001fc11c6ada OK, len 27162
```

1. Test result:

19. Making Ringtone Notes

Prepare:

Tool: ringtool.exe

Ring file format: pcm

1. To make ring tone for UC9xx

1.1 Double click ringtool.exe

1.2 Select the Maximum Length and Output Filename:

For example, 16 seconds, ring 2.bin
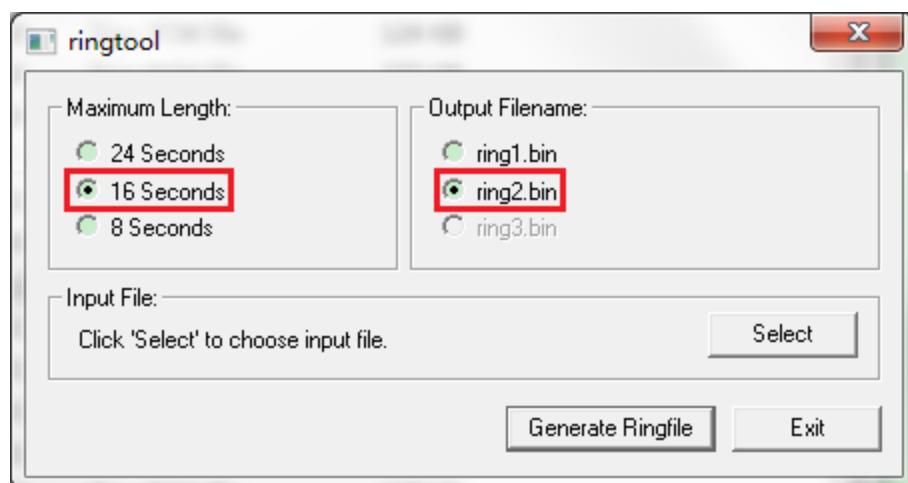
1.3 Click Select to Input the desired ring tone file, and then click Generate Ringfile.

Then, you will get Ringfile Created.

1.4 Now, you get the ring2.bin, also you can rename it as ring5.bin, or other the one you want to replace.

1.5 Upload the ring file by TFTP or HTTP, the ringtone is replaced successfully.

20. LCD and Web Language Custom Guide

20.1 LCD Language custom guide

1. You need to contact us about how to obtain the Language.tar file.
2. Unzip the Language.tar using 7-zip tool.
3. Open the Language folder:

```
1_Français(French).xml
2_Deutsch(German).xml
3_Español(Spanish).xml
4_Português(Portuguese).xml
5_русский(Russian).xml
6_Italiano(Italian).xml
7_Polski(Polish).xml
8_Türk(Turkish).xml
9_Srpski(Serbian).xml
10_简体中文(ChineseSimplified).xml
11_한국의(Korean).xml
12_Slovenščina(Slovenian).xml
LCD_English_Template.xml
```
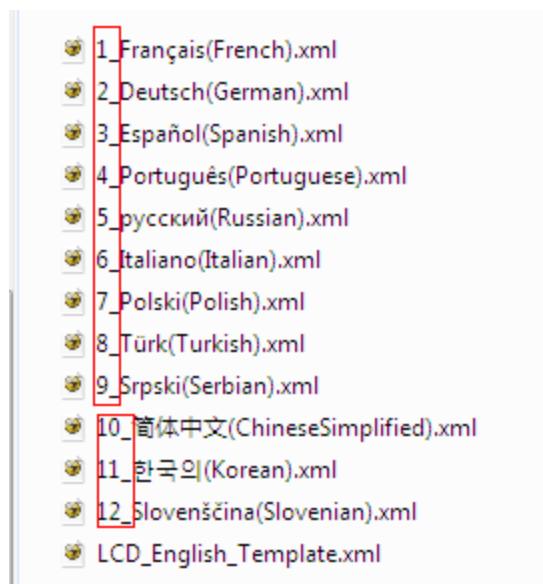
Note:
The file name must be " digital_" at the beginning,the format of the file name is the order of the on the LCD.

4. For example, custom Chinese Language

If your country's language is not existing in the language folder, you can new a xml file with correct naming format. [e.g. 13_xxx(xxx).xml]

If your country's language in the folder, you can custom directly your language.

Open the LCD_English_Template.xml with UltraEdit→ Translate English into Chinese

(Can't leave out any items, otherwise the upgrade failed) →save as 10_简体中文

(ChineseSimplified).xml in Language folder (Coding format is **UTF-8**)

→ Select the Language folder→ Compress Language.tar package using 7-zip tool and Cover the original→Delete the Language folder

![Htek logo]

If you want to put your language on the front of other languages, you can also rename the file, for example:

20.2 Web Language custom guide

1. You need to contact us about how to obtain the Language.tar file
2. Unzip the Language.tar using 7-zip tool.
3. Open the Language folder:

1_Français(French).xml	1_French.js
2_Deutsch(German).xml	2_German.js
3_Espaňol(Spanish).xml	3_Spanish.js
4_Português(Portuguese).xml	4_Portuguese.js
5_Russian.js	5_русский(Russian).xml
6_Italian.js	6_Italiano(Italian).xml
7_Polish.js	7_Polski(Polish).xml
8_Türk(Turkish).xml	8_Turkish.js
9_Serbian.js	9_Srpski(Serbian).xml
10_ChineseSimplified.js	10_简体中文(ChineseSimplified).xml
11_Korean.js	11_한국의(Korean).xml
12_Slovenian.js	12_Slovenščina(Slovenian).xml
LCD_English_Template.xml	Web_English_Template.js

Note:

The file name must be " digital_letter" at the beginning. The format of the file name is the order of that on the Web.

4. For example, custom Chinese Language

If your country's language is not existing in the language folder, you can new a xml file with correct naming format. [e.g. 13_xxx.js]

If your country's language in the folder, you can custom directly your language reference Web_English_Template.js.

Open the Web_English_Template.js with UltraEdit→ Translate English into Chinese (Can't leave out any items, otherwise the upgrade failed) →save as 10_ChineseSimplified.js in Language folder (Coding format is **UTF-8**)

```
jscs = {
    "logout":"logout",
    "statusstatu":"Home",//"Status",
    "account":"Account",
    "network":"Network",
    "dsskey":"Function Keys",
    "phone" :"Setting",
    "contacts":"Directory",
    "security":"Management",
```

```
jscs = {
    "logout":"注销",
    "statusstatu":"主页",//"Status",
    "account":"账户",
    "network":"网络",
    "dsskey":"功能",
    "phone" :"设置",
    "contacts":"通讯录",
    "security":"管理",
```

→ Select the Language folder→ Compress Language.tar package using 7-zip tool and Cover the original→Delete the Language folder
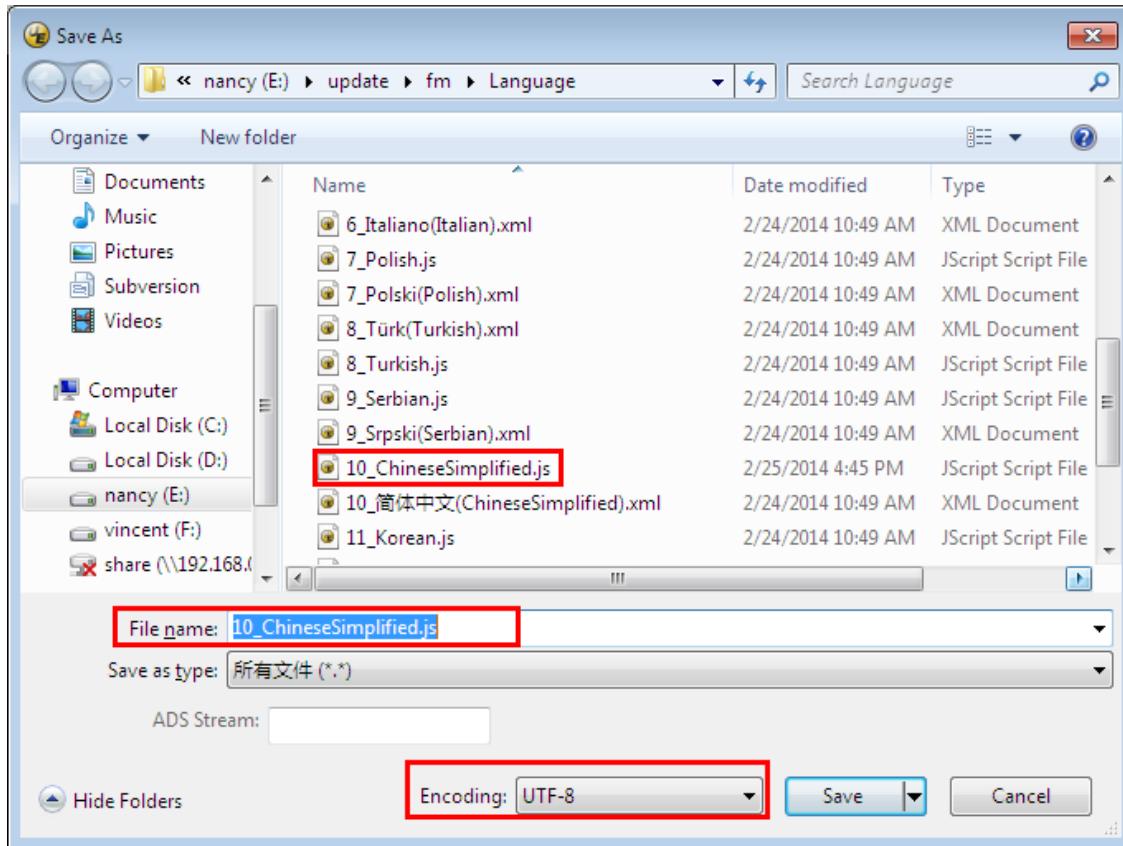
Note：

If you use UltraEdit, it can generate.xml.bak file after saved. So you need to delete.xml.bak file.

If you want to put your language on the front of other languages, you can also rename the file, for example:

When you finish the Language.tar, you must send the Language.tar package to us, then we provide the firmware to you.

21. LCD and Web GUI custom Guide

Unzip the hlpres.tar package (Need to contact us to obtain the hlpres.tar package**)**
You can replace some file in the hlpres to finish the customization of 1.1 to 1.7

21.1 How to custom the wallpaper1-wallpaper6?

Open hlpres folder→you can custom the wallpaper4.jpg-wallpaper6.jpg
(dimension:480*320 size: through Photoshop tools make the size smaller→Select the
hlpres folder→Compress hlpres.tar package

21.2 How to custom the screensaver1- screensaver3?

Open hlpres folder→you can custom the screensaver1.jpg-screensaver3.jpg
(dimension:480*320 size:through Photoshop tools make the size smaller) →Select the
hlpres folder→Compress hlpres.tar package

21.3 How to custom the weblogo?

Open hlpres folder→you can custom the weblogo.jpg (dimension:225*93 size: through
Photoshop tools make the size smaller) →Select the hlpres folder→Compress hlpres.tar
package

21.4 How to custom the eights menus(.png)in the main menu?

Open hlpres folder→you can custom the .png(dimension:65*65 size: through Photoshop
tools make the size smaller) →Select the hlpres folder→Compress hlpres.tar package

21.5 How to custom the ...Icon.png?

Open hlpres folder→you can custom the ...Icon.png (dimension:65*65 size: through
Photoshop tools make the size smaller) →Select the hlpres folder→Compress
hlpres.tarpackage

21.6 How to custom the lcdlogo_color.png?

This logo is only applicable to UC923, UC924,UC924E, UC926, UC926E.
Open hlpres folder→you can custom the lcdlogo_color.png (dimension:400*42 size:
through Photoshop tools make the size smaller) →Select the hlpres folder→Compress
hlpres.tar package.
Enter Menu→Display→Screensaver Time-out:1min; Screensaver Type: Time &
Logo→Save, this logo displays correctly.

21.7 How to customthe lcdlogo_bw.png?

This logo is only applicable to UC601, UC901, UC902, UC903, UC912/G/GM.
Open hlpres folder→you can custom the lcdlogo_bw.png (dimension:100*11 size: through
Photoshop tools make the size smaller) →Select the hlpres folder→Compress hlpres.tar
package.
Enter Menu→Display->Screensaver Time-out:1min; Scrrensaver Type:Time &
Logo→Save, this logo display correctly.
The lcdlogo_bw.png's property must be the following standard:
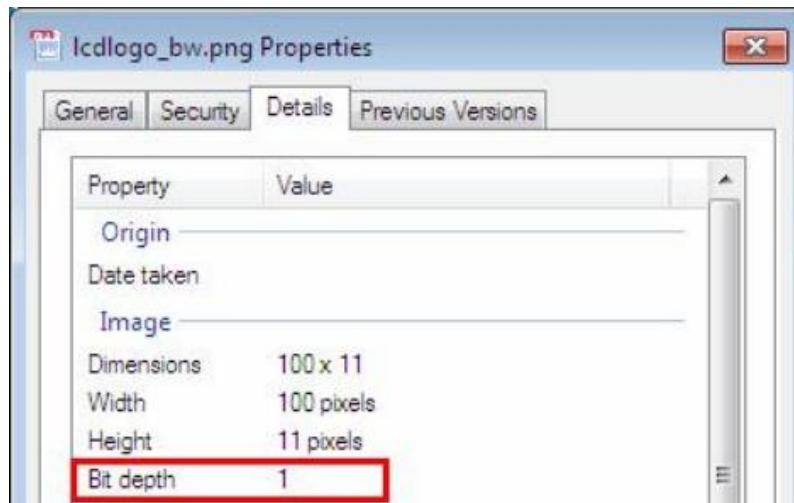
Note:
The photo's name and format must be the same as before;
The size of hlpres file is not more than 2M.

When you finish the hlpres.tar, you must send the hlpres.tar package to us, then we
provide the firmware to you.

22. Firmware Upgrade

Please note: When the phone whose firmware version is 1.0.3.62 or earlier upgrades to 1.0.3.73, you must put the upgrade files(include fw8xx.rom/ fw9xx.rom and img_8xx.bin/ img_9xx.bin) into the server path and the phone will upgrade img_8xx.bin/ img_9xx.bin then automatically upgrade fw8xx.rom/ fw9xx.rom.

After upgrading to the new firmware, in the next time, you will only need to put one file fw8xx.rom/ fw9xx.rom into the server path. Upgrade steps of later than 1.0.3.73 version and earlier than 1.0.3.73 version is the same.

22.1 Upgrade through HTTP

To upgrade via HTTP, the "Management"->"Auto Provision" ->"Firmware Upgrade" -> "Upgrade Mode" field needs to be set to HTTP, respectively. "Firmware Server Path" needs to be set to a valid URL of a HTTP server, server name can be in either FQDN or IP address format. Here are examples of some valid URL.

   e.g. firmware.mycompany.com:5688/Hanlong
   e.g. www.mycompany.com:5688/fm/Hanlong
   e.g. 218.2.83.110

Instructions for firmware upgrade via HTTP:

(1) End users can choose to download the free HTTP server from http://httpd.apache.org/ or use Microsoft IIS web server. Then set up HTTP server.

(2) Unzip the firmware file and put all of them under the root/phone directory of the HTTP server.

(3) Visit "http://192.168.0.106/phone/fw924.rom" on localhost by browser to verify the HTTP Server. If visiting "http://192.168.0.106/phone/fw924.rom" on other computer is no prompt to download fw924.rom file, please check the firewall (Suggest close the firewall).

(4) Change the setting of the IP Phone (192.168.0.106 is HTTP server):

Click "SaveSet".

(5) Restart the IP Phone, and it will restart and auto-get firmware files from HTTP server.

NOTES:

➢ Htek recommends end-user use the Htek HTTP server. For large companies, we recommend to maintain their own TFTP/HTTP/FTP/HTTPS server for upgrade and provisioning procedures.

➢ Once a "Firmware Server Path" is set, user needs to update the settings and restart the IP Phone. If the configured firmware server is found and a new code image is available, the IP Phone will attempt to retrieve the new image files by downloading them into the IP Phone's SDRAM. During this stage, the IP Phone's LEDs will blink fastly until the checking/downloading process is completed. Upon verification of checksum, the new code image will then be saved into the Flash. If TFTP/HTTP/FTP/HTTPS fails for any reason (e.g. TFTP/HTTP/FTP/HTTPS server is not responding, there are no code image files available for upgrade, or checksum test fails, etc), the IP Phone will stop the TFTP/HTTP/FTP/HTTPS process and simply boot using the existing code image in the flash.

➢ Firmware upgrade may take as long as 3 to 8 minutes over Internet, or just 1 minutes if it is performed on a LAN. It is recommended to conduct firmware upgrade in a controlled LAN environment if possible.

➢ Hanlong's latest firmware is available at http://www.htek.com/ →Support →Document & Firmware.

➢ Oversea users are strongly recommended to download the binary files and upgrade firmware locally in a controlled LAN environment.

22.2 Upgrade through TFTP

(1) We recommend that you can install a TFTP Server(e.g. SolarWinds -TFTP -Server.exe).

(2) Make a new directory, such as D:\FM.
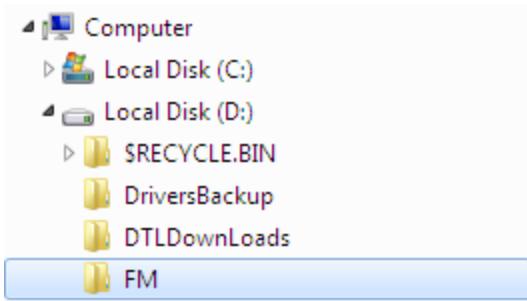
(3) Unzip the firmware file and put all of them under the directory D:\FM.
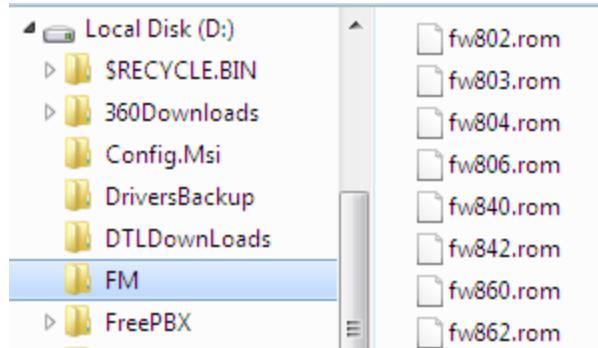
(4) The PC running the TFTP server and the IP Phone should be in the same LAN segment.
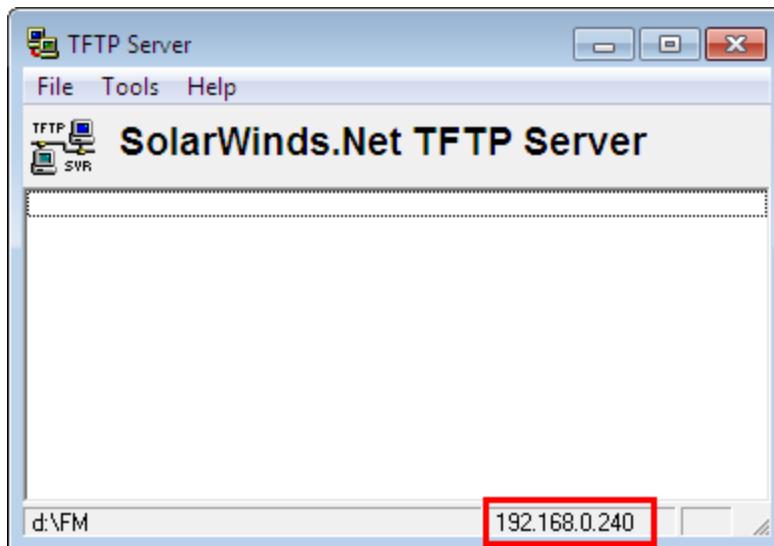
(5) Set TFTP Root Directory to D:\FM.

TFTP SERVER → File → Configure
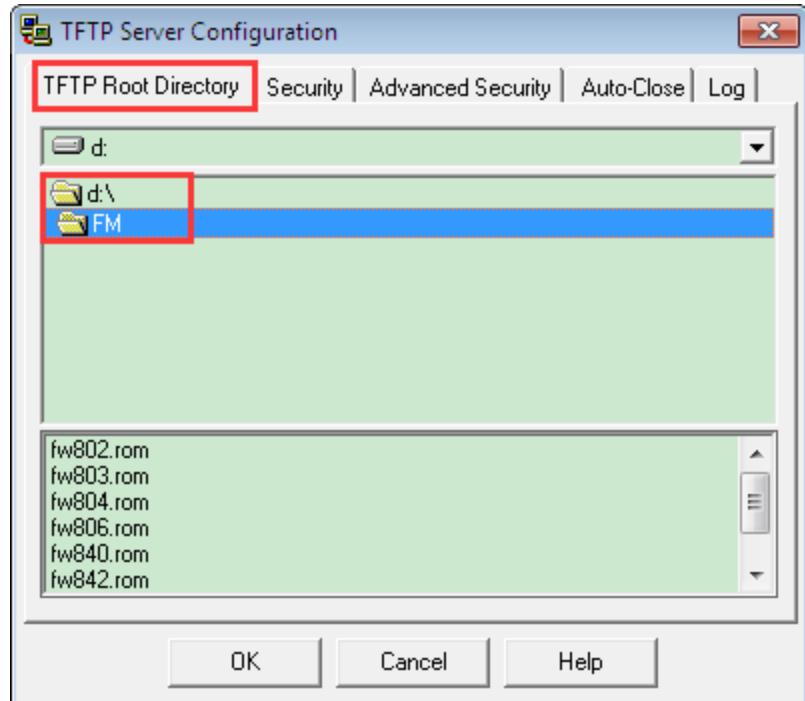
(6) Go to **File -> Configure -> Security** to change the TFTP server's default setting from "Receive Only" to "**Transmit Only**" for the firmware upgrade.
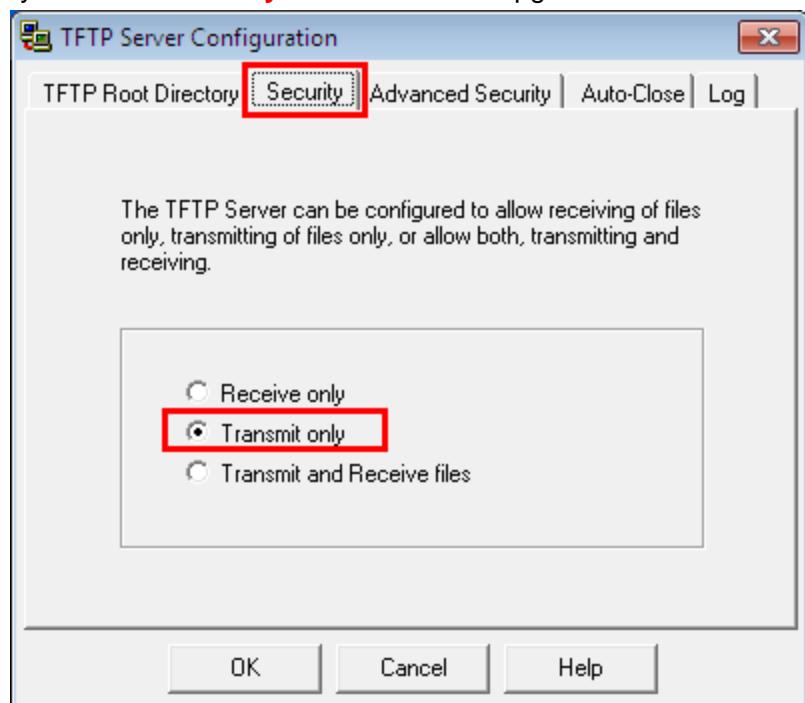
(7) Start the TFTP server, Configure the Firmware Server Path with the IP address (192.168.0.240 is TFTP server) in the IP Phone's web configuration page.

(8) Save the change and restart the IP Phone.

(9) You can test your TFTP server by other PC which is in the same LAN segment.

For examples, in PC which IP address is 192.168.0.126, type command:

TFTP -i 192.168.0.240 get fw924.rom f:/fw924.rom

If your TFTP server is OK, something like "Transfer successful: " will be printed in command windows.

22.3 Upgrade through FTP

(1) Setup a FTP Server(e.g. FileZilla Server).

(2) Unzip the firmware file and put all of them under the root/phone directory of the FTP Server.

(3) Configure the FTP Server.

(4) Visit ftp://192.168.0.106/phone/fw924.rom on localhost by browser, enter username and password, and you will view upgrade file. If visiting ftp://192.168.0.106/phone/fw924.rom on other computer is no prompt to download fw924.rom file, please check the firewall (Suggest close the firewall).

(5) Configure the Firmware Server Path in the IP Phone's web configuration page.(192.168.0.106 is FTP server)

(6) Click the "SaveSet" and then click "Restart" in the webpage.

22.4 Upgrade through HTTPS

(1) Install and configure an Apache HTTPS Server in local computer.

(2) Unzip the firmware file and put all of them under the root/phone directory of the HTTPS Server.

(3) Visit "https://192.168.0.106/phone/fw924.rom" on localhost by browser to verify the HTTPS Server. If visiting "https://192.168.0.106/phone/fw924.rom" on other computer is no prompt to download fw924.rom file, please check the firewall (Suggest close the firewall).

(4) Configure the Firmware Server Path in the IP Phone's web configuration page. (192.168.0.106 is HTTPS server)

(5) Click the "SaveSet" and then click "Restart" in the webpage.

23. Parameter List

Web Setting Path	Permitted Values	Descriptions	Parameter	601	924	926
Account(1)->basic ->Account Active	Number: 0, 1	Account Active (In Use). 0 - No, 1 - Yes	P271	√	√	√
Account(1)->basic ->Primary SIP Sserver	Primary SIP Server(eg:sip.mycompany.com or IP address)	It configures the primary SIP server when the network is locallan 、remotestun or SBC.	P47	√	√	√
Account(1)->basic ->Failover SIP Server	String	Failover SIP Server(Optional, used when primary server no response)	P967	√	√	√
Account(1)->basic ->Second Failover SIP Server	String	Second Failover SipServer(Optional, used when Failover SIP Server no response)	P8851	√	√	√
Account(1)->basic ->Prefer Primary SIP Sserver	Number: 0, 1	Prefer Primary SIP Server (In Use). 0 - No, 1 - Yes	P4567	√	√	√
Account(1)->basic ->DHCP SIP Server	Number: 0, 1	DHCP SIP Server. 0 - No, 1 - Yes	P24065	√	√	√
Account(1)->basic ->Outbound Proxy	string	Outbound Proxy(proxy.myprovider.com, or IP address, if any)	P48	√	√	√
Account(1)->basic ->Backup Outbound Proxy	String	Backup Outbound Proxy(This is Usually Set as IP addr)	P20047	√	√	√
Account(1)->basic ->SIP Transport	Number: 0-2	0 - UDP, 1 - TCP, 2 - TLS	P130	√	√	√
Account(1)->basic ->NAT Traversal	Number: 0-2	0 - No, 1 - STUN 2 - No,but send keep alive	P52	√	√	√
Account(1)->basic ->Label	String	The name showing on the LCD of current	P20000	√	√	√

		device				
Account(1)->basic ->SIP User ID	string	the user part of an SIP address	P35	√	√	√
Account(1)->basic ->Authenticate ID	String	can be identical to or different from SIP User ID	P36	√	√	√
Account(1)->basic -> Authenticate Password	String	purposely not displayed for securityprotection	P34	√	√	√
Account(1)->basic -> Name	String	The Local phone name showing on the other phone when calling	P3	√	√	√
Account(1)->basic ->DNS Mode	Number: 0-2	DNS Mode (0 - A Record, 1 - SRV, 2 - NAPTR/SRV)	P103	√	√	√
Account(1)->basic ->Call Message Format	Number: 0, 1, 2	Call Message Format. 0 - Regular,1 - User=Phone , 2 - Tel	P63	√	√	√
Account(1)->basic ->SIP Registration	Number: 0, 1	SIP Registration. 0 - No, 1 - Yes	P31	√	√	√
Account(1)->basic -> Unregister On Reboot	Number: 0, 1	Unregister On Reboot.0 - No, 1 - Yes	P81	√	√	√
Account(1)->basic -> Register Expiration	number	Register Expiration(in minutes. default 1 hour, max 45 days)	P32	√	√	√
Account(1)->basic -> Outgoing Call Without Registration	Number: 0, 1	Outgoing Call Without Registration.0 - No, 1 - Yes	P109	√	√	√
Account(1)->basic -> Local SIP Port	number	Local SIP Port(default 5060)	P40	√	√	√
Account(1)->basic -> Use Random Port	Number: 0, 1	Use Random Port.0 - No, 1 - Yes	P78	√	√	√
Account(1)->basic -> Voice Mail UserID	String	Voice Mail UserID(UserID for voice mail system)	P33	√	√	√
Account(1)->basic -> RPort	Number: 0, 1	Enable/Disable RPort.0 - No, 1 - Yes	P136	√	√	√
Account(1)->basic -> RFC 2543 Hold	Number: 0, 1	RFC 2543 Hold.0 - No, 1 - Yes	P1100	√	√	√

Account(1)->Code c-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 1. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR, 4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P57	√	√	√
Account(1)->Code c-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 2. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P58	√	√	√
Account(1)->Code c-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 3. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P59	√	√	√
Account(1)->Code c-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 4. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P60	√	√	√
Account(1)->Code c-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 5. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P61	√	√	√
Account(1)->Code c-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 6. 0 - PCMU, 2 - G.726-32, 3 -	P62	√	√	√

		GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.				
Account(1)->Codec-> PTimes(ms)	Number: 1,2,3,4,5,6	1 – 10, 2 – 20, 3 – 30, 4 – 40, 5 – 50, 6 - 60	P37	√	√	√
Account(1)->Codec-> G723 Rate	Number: 0, 1	G723 Rate(0 - 6.3kbps encoding rate, 1 - 5.3kbps encoding rate)	P49	√	√	√
Account(1)->Codec-> iLBC mode	Number: 0, 1	iLBC mode.0 - 20ms mode,1 - 30ms mode	P394	√	√	√
Account(1)->Codec-> iLBC Payload Type	Number: 96 to 127	iLBC Payload Type(from 96 to 127, default is 97)	P390	√	√	√
Account(1)->Codec-> OPUS Payload Type	Number: 96 to 127	OPUS Payload Type (from 96 to 127, default is 120)	P402	√	√	√
Account(1)->Advanced-> DTMF Payload Type	Number : 96-127	DTMF Payload Type , default is 101	P79	√	√	√
Account(1)-> Advanced -> DTMF Type	Number: 0, 1,2	0 – RFC2833, 1 – IN Audio, 2 – SIP INFO	P20166	√	√	√
Account(1)-> Advanced -> Send Flash Event	Number: 0, 1	Send Flash Event.0 - no, 1 - yes	P74	√	√	√
Account(1)-> Advanced -> Enable Call Features	Number: 0, 1	Enable Call Features.0 - no, 1 - yes	P191	√	√	√
Account(1)-> Advanced -> Proxy Require	string	Proxy Require	P197	√	√	√
Account(1)-> Advanced ->Use NAT IP	String	Used in SIP/SDP message if specified	P101	√	√	√
Account(1)-> Advanced ->ZRTP Encryption	Number: 0, 1	ZRTP Encryption.0 - no, 1 - yes		√	√	√
Account(1)-> Advanced -> SRTP Mode	Number: 0-2	SRTP Mode 0 = Disabled, 1 = Enabled but not forced,　2 = Enabled	P183	√	√	√

		and forced				
Account(1)-> Advanced -> VAD Enable	Number: 0, 1	VAD Enable.0 - no, 1 - yes	P50	√	√	√
Account(1)-> Advanced -> Symmetric RTP	Number: 0, 1	Symmetric RTP.0 - no, 1 - yes	P291	√	√	√
Account(1)-> Advanced -> Jitter Buffer Type	Number: 0, 1	Jitter Buffer Type.0 - fixed, 1 - adaptive	P133	√	√	√
Account(1)-> Advanced -> Jitter Buffer Length	Number: 0-2	Jitter Buffer Length.0 - low, 1 - medium, 2 - high	P132	√	√	√
Account(1)-> Advanced -> Account Ring Tone	Number 0,1,2,3,4,5, 6,7,8	Account Ring Tone(0 - default, 1 - Ring1.bin, 2 - Ring2.bin, 3 - Ring3.bin, 4 - Ring4.bin, 5 - Ring5.bin, 6 - Ring6.bin, 7 - Ring7.bin, 8 - Ring8.bin)	P104	√	√	√
Account(1)-> Advanced -> Ring Timeout	Number: 10 - 300	Ring Timeout(10-300 seconds , default is 60 seconds)	P185	√	√	√
Account(1)-> Advanced -> Use # As Dial Key	Number: 0, 1	Use # As Dial Key.0 - no, 1 - yes	P72	√	√	√
Account(1)-> Advanced -> Dial Plan	string	Dial plan (dial plan prefix string)	P4200	√	√	√
Account(1)-> Advanced -> Subscribe for MWI	Number: 0, 1	Subscribe for MWI.0 - no,do not send SUBSCRIBE for Message Waiting Indication, 1 - yes,send periodical SUBBSCRIBE for ,Message Waiting indication	P99	√	√	√
Account(1)-> Advanced ->Subscribe MWI	Number: 0, 1	Subscribe MWI To Voice Mail.0 - no, 1 - yes(Enables or	P24759	√	√	√

To Voice Mail		disables the IP phone to subscribe the message waiting indicator to the voice mail number for account X)				
Account(1)-> Advanced -> Send Anonymous	Number: 0, 1	Send Anonymous,0 – no,1 – yes	P65	√	√	√
Account(1)-> Advanced -> Anonymous Call Rejection	Number: 0, 1	Anonymous Call Rejection.0 - no, 1 - yes	P129	√	√	√
Account(1)-> Advanced -> Check SIP User ID	Number: 0, 1,2	Check SIP User ID.0 – Don't Check, 1 – Always Check, 2 - Automatic	P258	√	√	√
Account(1)-> Advanced -> Auto Answer	Number: 0, 1	Auto Answer.0 - no, 1 - yes	P90	√	√	√
Account(1)-> Advanced -> Allow Auto Answer By Call-Info	Number: 0, 1	Allow Auto Answer By Call-Info.0 - no, 1 - yes	P298	√	√	√
Account(1)-> Advanced -> Turn off Speaker on remote disconnect	Number: 0, 1	Turn off Speaker on remote disconnect.0 - no, 1 - yes	P299	√	√	√
Account(1)-> Advanced -> Session Expiration	Number	Session Expiration(default is 180 seconds)	P260	√	√	√
Account(1)-> Advanced -> Min-SE	Number	Min-Session-Expirati on(default and minimum is 90 seconds)	P261	√	√	√
Account(1)-> Advanced -> Caller Request Timer	Number	Caller Request Timer (Request for timer when making outbound calls) 0 - No, 1 - Yes	P262	√	√	√
Account(1)-> Advanced ->Callee Request Timer	Number: 0, 1	Callee Request Timer (when caller supports timer but did not request one) 0 - No, 1	P263	√	√	√

		- Yes				
Account(1)-> Advanced -> Force Timer	Number: 0, 1	Force Timer (use timer even when remote party does not support) 0 - No, 1 - Yes	P264	√	√	√
Account(1)-> Advanced ->UAC Specify Refresher	Number: 0-2	UAC Specify Refresher. 1 - UAC, 2 - UAS, 0 - omit(Recommended)	P266	√	√	√
Account(1)-> Advanced -> UAS Specify Refresher	Number: 1, 2	UAS Specify Refresher. 1 - UAC, 2 - UAS(When UAC did not)	P267	√	√	√
Account(1)-> Advanced -> Force INVITE	Number: 0, 1	Force INVITE (Always refresh with INVITE instead of UPDATE) 0 - No, 1 - Yes	P265	√	√	√
Account(1)-> Advanced -> Hook Flash Timing-> Minimum	Number	Minimum Hook Flash Timing	P251	√	√	√
Account(1)-> Advanced -> Hook Flash Timing-> Maximum	Number	Maximum Hook Flash Timing	P252	√	√	√
Account(1)-> Advanced -> Special Feature	Number 100, 104, 106	100 - Standard, 104 - World Call, 106 - NET HID	P198	√	√	√
Account(1)-> Advanced -> Share Line	Number: 0-2	Share Line. 0 - Disable, 1 - Broadsoft, 2 - BLA	P8771	√	√	√
Account(1)-> Advanced -> SCA Barge-In	Number: 0-1	SCA Barge-In. 0 - Disable, 1 – Enable. Enables or disables the BroadSoft SCA Barge-In feature	P20976	√	√	√
Account(1)-> Advanced -> Conference Type	Number: 0-1	Conference Type. 0 - Local, 1 – Enable. Enables or disables the BroadSoft SCA Barge-In feature	P20004	√	√	√

Account(1)-> Advanced -> Conference URI	string	Conference URI	P20008	√	√	√
Account(1)-> Advanced -> SIP Server Type	Number: 0, 1	SIP Server Type. 0 - Default, 1 - BroadSoft	P8791	√	√	√
Account(1)-> Advanced -> 100 reliable retransmission	Number: 0, 1	Disable/Enable 100 reliable retransmission. 0 : Disable , 1: Enable	P8811	√	√	√
Account(1)-> Advanced -> Early-Session	Number: 0, 1	Disable/Enable Early-Session. 0 - Disable, 1 - Enable	P8841	√	√	√
Account(1)-> Advanced -> Refuse-Return-Co de	Number: 0-2	Refuse-Return-Code. 0 -BUSY-486, 1 - NOT-FOUND-404, 2 - REFUSE-603	P8845	√	√	√
Account(1)-> Advanced ->Direct Call Pickup Code	string	Direct Call Pickup Code	P4705	√	√	√
Account(1)-> Advanced ->Group Call Pickup Code	string	Group Call Pickup Code	P4706	√	√	√
Account(1)-> Advanced -> Feature Key Sync	Number: 0, 1	Feature Key Sync. 0 - Disable, 1 - Enable	P8633	√	√	√
Account(1)-> Advanced -> SIP Send Mac	Number: 0, 1	SIP Send Mac.0 - Disable,1 - Enable	P20053	√	√	√
Account(1)-> Advanced ->Caller Display Source	Number: 0, 1,2,3,4	Caller Display Source.0 – From Only, 1 – PAI-FROM, 2 – PAI-RPID-FROM, 3 – RPID-PAI-FROM,4 – RPID-FROM	P20157	√	√	√
Account(2)->basic ->Account Active	Number: 0, 1	Account Active (In Use). 0 - No, 1 - Yes	P401	×	√	√
Account(2)->basic ->Primary SIP Sserver	Primary SIP Server(eg:s ip.mycomp	It configures the primary SIP server when the network is	P747	×	√	√

	any.com or IP address)	locallan 、remotestun or SBC.				
Account(2)->basic ->Failover SIP Server	String	Failover SIP Server(Optional, used when primary server no response)	P987	×	√	√
Account(2)->basic ->Second Failover SIP Server	String	Second Failover SipServer(Optional, used when Failover SIP Server no response)	P8852	×	√	√
Account(2)->basic ->Prefer Primary SIP Sserver	Number: 0, 1	Prefer Primary SIP Server (In Use). 0 - No, 1 - Yes	P4568	×	√	√
Account(2)->basic ->Outbound Proxy	string	Outbound Proxy(proxy.myprovider.com, or IP address, if any)	P748	×	√	√
Account(2)->basic ->Backup Outbound Proxy	string	Backup Outbound Proxy(This is Usually Set as IP addr)	P20048	×	√	√
Account(2)->basic ->SIP Transport	Number: 0-2	0 - UDP, 1 - TCP, 2 - TLS	P830	×	√	√
Account(2)->basic ->NAT Traversal	Number: 0-2	0 - No, 1 - STUN 2 - No,but send keep alive	P730	×	√	√
Account(2)->basic ->Label	String	The name showing on the LCD of current device	P20001	×	√	√
Account(2)->basic ->SIP User ID	string	the user part of an SIP address	P735	×	√	√
Account(2)->basic ->Authenticate ID	String	can be identical to or different from SIP User ID	P736	×	√	√
Account(2)->basic -> Authenticate Password	String	purposely not displayed for securityprotection	P734	×	√	√
Account(2)->basic -> Name	String	The Local phone name showing on the other phone when calling	P703	×	√	√

Account(2)->basic ->DNS Mode	Number: 0-2	DNS Mode (0 - A Record, 1 - SRV, 2 - NAPTR/SRV)	P702	×	√	√
Account(2)->basic -> Call Message Format	Number: 0, 1	Call Message Format.0 - Regular,1 - User=Phone , 2 - Tel	P763	√	√	√
Account(2)->basic ->SIP Registration	Number: 0, 1	SIP Registration. 0 - No, 1 - Yes	P731	×	√	√
Account(2)->basic -> Unregister On Reboot	Number: 0, 1	Unregister On Reboot.0 - No, 1 - Yes	P752	×	√	√
Account(2)->basic ->Register Expiration	number	Register Expiration(in minutes. default 1 hour, max 45 days)	P732	×	√	√
Account(2)->basic ->Out	Number: 0, 1	Outgoing Call Without Registration.0 - No, 1 - Yes	P813	×	√	√
Account(2)->basic -> Local SIP Port	number	Local SIP Port(default 5060)	P740	×	√	√
Account(2)->basic -> Use Random Port	Number: 0, 1	Use Random Port.0 - No, 1 - Yes	P778	×	√	√
Account(2)->basic -> Voice Mail UserID	number	Voice Mail UserID(UserID for voice mail system)	P426	×	√	√
Account(2)->basic -> RPort	Number: 0, 1	Enable/Disable RPort.0 - No, 1 - Yes	P137	×	√	√
Account(2)->basic -> RFC 2543 Hold	Number: 0, 1	RFC 2543 Hold.0 - No, 1 - Yes	P1101	×	√	√
Account(2)->Codec-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 1. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P757	×	√	√
Account(2)->Codec-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 2. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722,	P758	×	√	√

		18 - G.729A/B,20 - iLBC, 120 - OPUS.					
Account(2)->Code c-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 3. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P759	×	√	√	
Account(2)->Code c-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 4. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P760	×	√	√	
Account(2)->Code c-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 5. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P761	×	√	√	
Account(2)->Code c-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 6. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P762	×	√	√	
Account(2)->Code c-> PTimes(ms)	Number: 1,2,3,4,5,6	1 – 10, 2 – 20, 3 – 30, 4 – 40, 5 – 50, 6 - 60	P737	×	√	√	
Account(2)->Code c-> G723 Rate	Number: 0, 1	G723 Rate(0 - 6.3kbps encoding rate, 1 - 5.3kbps encoding rate)	P749	×	√	√	
Account(2)->Code c-> iLBC mode	Number: 0, 1	iLBC mode.0 - 20ms mode,1 - 30ms mode	P395	×	√	√	
Account(2)->Code c-> iLBC Payload	Number: 96 to 127	iLBC Payload Type(from 96 to 127,	P391	×	√	√	

Type		default is 97)				
Account(2)->Codec-> OPUS Payload Type	Number: 96 to 127	OPUS Payload Type (from 96 to 127, default is 120)	P403	√	√	√
Account(2)->Advanced-> DTMF Payload Type	Number: 96-128	DTMF Payload Type , default is 97	P779	×	√	√
Account(2)-> Advanced -> DTMF Type	Number: 0, 1,2	0 – RFC2833, 1 – IN Audio, 2 – SIP INFO	P20167	×	√	√
Account(2)-> Advanced -> Send Flash Event	Number: 0, 1	Send Flash Event.0 - no, 1 - yes	P774	×	√	√
Account(2)-> Advanced -> Enable Call Features	Number: 0, 1	Enable Call Features.0 - no, 1 - yes	P751	×	√	√
Account(2)-> Advanced -> Proxy Require	string	Proxy Require	P792	×	√	√
Account(2)-> Advanced -> Use NAT IP	string	used in SIP/SDP message if specified	P866	×	√	√
Account(2)-> Advanced ->ZRTP Encryption	Number: 0, 1	ZRTP Encryption.0 - no, 1 - yes	P20647	×	√	√
Account(2)-> Advanced -> SRTP Mode	Number: 0-2	SRTP Mode 0 = Disabled, 1 = Enabled but not forced, 2 = Enabled and forced	P443	×	√	√
Account(2)-> Advanced -> VAD Enable	Number: 0, 1	VAD Enable.0 - no, 1 - yes	P750	×	√	√
Account(2)-> Advanced -> Symmetric RTP	Number: 0, 1	Symmetric RTP.0 - no, 1 - yes	P460	×	√	√
Account(2)-> Advanced ->	Number: 0, 1	Jitter Buffer Type.0 - fixed, 1 - adaptive	P831	×	√	√
Account(2)-> Advanced -> Jitter Buffer Length	Number: 0-2	Jitter Buffer Length.0 - low, 1 - medium, 2 - high	P832	×	√	√
Account(2)-> Advanced ->	Number 0,1,2,3,4,5,	Account Ring Tone(0 - default, 1 -	P423	×	√	√

Account Ring Tone	6,7,8	Ring1.bin, 2 - Ring2.bin, 3 - Ring3.bin, 4 - Ring4.bin, 5 - Ring5.bin, 6 - Ring6.bin, 7 - Ring7.bin, 8 - Ring8.bin)				
Account(2)-> Advanced -> Ring Timeout	Number 10 - 300	Ring Timeout(10-300 seconds , default is 60 seconds)	P816	×	√	√
Account(2)-> Advanced -> Use # As Dial Key	Number: 0, 1	Use # As Dial Key.0 - no, 1 - yes	P772	×	√	√
Account(2)-> Advanced -> Dial Plan	string	Dial plan (dial plan prefix string)	P4201	×	√	√
Account(2)-> Advanced -> Subscribe for MWI	Number: 0, 1	Subscribe for MWI.0 - no,do not send SUBSCRIBE for Message Waiting Indication, 1 - yes,send periodical SUBBSCRIBE for ,Message Waiting indication	P709	×	√	√
Account(2)-> Advanced ->Subscribe MWI To Voice Mail	Number: 0, 1	Subscribe MWI To Voice Mail.0 - no, 1 - yes(Enables or disables the IP phone to subscribe the message waiting indicator to the voice mail number for account X)	P24761	√	√	√
Account(2)-> Advanced -> Send Anonymous	Number: 0, 1	Send Anonymous,0 – no,1 – yes	P421	×	√	√
Account(2)-> Advanced -> Anonymous Call Rejection	Number: 0, 1	Anonymous Call Rejection.0 - no, 1 - yes	P446	×	√	√
Account(2)-> Advanced ->	Number: 0, 1,2	Check SIP User ID.0 – Don't Check, 1 –	P458	×	√	√

Check SIP User ID		Always Check, 2 - Automatic				
Account(2)-> Advanced -> Auto Answer	Number: 0, 1	Auto Answer.0 - no, 1 - yes	P425	×	√	√
Account(2)-> Advanced -> Allow Auto Answer By Call-Info	Number: 0, 1	Allow Auto Answer By Call-Info.0 - no, 1 - yes	P438	×	√	√
Account(2)-> Advanced -> Turn off Speaker on remote disconnect	Number: 0, 1	Turn off Speaker on remote disconnect.0 – no, 1 – yes	P439	×	√	√
Account(2)-> Advanced -> Session Expiration	Number	Session Expiration(default is 180 seconds)	P434	×	√	√
Account(2)-> Advanced -> Min-SE	Number	Min-Session-Expiration(default and minimum is 90 seconds)	P427	×	√	√
Account(2)-> Advanced -> Caller Request Timer	Number	Caller Request Timer (Request for timer when making outbound calls) 0 - No, 1 - Yes	P428	×	√	√
Account(2)-> Advanced ->Callee Request Timer	Number: 0, 1	Callee Request Timer (when caller supports timer but did not request one) 0 - No, 1 - Yes	P429	×	√	√
Account(2)-> Advanced -> Force Timer	Number: 0, 1	Force Timer (use timer even when remote party does not support) 0 - No, 1 - Yes	P430	×	√	√
Account(2) -> Advanced ->UAC Specify Refresher	Number: 0-2	UAC Specify Refresher. 1 - UAC, 2 - UAS, 0 - omit(Recommended)	P432	×	√	√
Account(2)-> Advanced -> UAS Specify Refresher	Number: 1, 2	UAS Specify Refresher. 1 - UAC, 2 - UAS(When UAC did not)	P433	×	√	√

Account(2)-> Advanced -> Force INVITE	Number: 0, 1	Force INVITE (Always refresh with INVITE instead of UPDATE) 0 - No, 1 - Yes	P431	×	√	√
Account(2)-> Advanced -> Hook Flash Timing-> Minimum	Number	Minimum Hook Flash Timing	P811	×	√	√
Account(2)-> Advanced -> Hook Flash Timing-> Maximum	Number	Maximum Hook Flash Timing	P812	×	√	√
Account(2)-> Advanced -> Special Feature	Number 100, 104, 106	100 - Standard, 104 - World Call, 106 - NETHID	P767	×	√	√
Account(2)-> Advanced -> Eventlist BLF URL	String	Eventlist BLF URL	P444	×	√	√
Account(2)-> Advanced -> Share Line	Number: 0-2	Share Line. 0 - Disable, 1 - Broadsoft, 2 - BLA	P8772	×	√	√
Account(2)-> Advanced -> SCA Barge-In	Number: 0-1	SCA Barge-In. 0 - Disable, 1 – Enable. Enables or disables the BroadSoft SCA Barge-In feature	P20977	×	√	√
Account(2)-> Advanced -> Conference Type	Number: 0-1	Conference Type. 0 - Local, 1 – Enable. Enables or disables the BroadSoft SCA Barge-In feature	P20005	×	√	√
Account(2)-> Advanced -> Conference URI	string	Conference URI	P20009	×	√	√
Account(2)-> Advanced -> SIP Server Type	Number: 0, 1	SIP Server Type. 0 - Default, 1 - BroadSoft	P8792	×	√	√
Account(2)-> Advanced -> 100 reliable retransmission	Number: 0, 1	100 reliable retransmission. 0 - Disable, 1 - Enable	P8812	×	√	√
Account(2)-> Advanced ->	Number: 0, 1	Early-Session. 0 - Disable, 1 - Enable	P8842	×	√	√

Early-Session						
Account(2)-> Advanced -> Refuse-Return-Code	Number: 0-2	Refuse-Return-Code. 0 -BUSY-486, 1 - NOT-FOUND-404, 2 - REFUSE-603	P8846	×	√	√
Account(2)-> Advanced ->Direct Call Pickup Code	string	Direct Call Pickup Code	P4715	×	√	√
Account(2)-> Advanced ->Group Call Pickup Code	string	Group Call Pickup Code	P4716	×	√	√
Account(2)-> Advanced -> Feature Key Sync	Number: 0, 1	Feature Key Sync. 0 - Disable, 1 - Enable	P8634	×	√	√
Account(2)-> Advanced -> SIP Send Mac	Number: 0, 1	SIP Send Mac.0 - Disable,1 - Enable	P20054	×	√	√
Account(2)-> Advanced ->Caller Display Source	Number: 0, 1,2,3,4	Caller Display Source.0 – From Only, 1 – PAI-FROM, 2 – PAI-RPID-FROM, 3 – RPID-PAI-FROM,4 – RPID-FROM	P20158	×	√	√
Account(3)->basic ->Account Active	Number: 0, 1	Account Active (In Use). 0 - No, 1 - Yes	P501	×	√	√
Account(3)->basic ->Primary SIP Sserver	Primary SIP Server(eg:sip.mycompany.com or IP address)	It configures the primary SIP server when the network is locallan 、remotestun or SBC.	P502	×	√	√
Account(3)->basic ->Failover SIP Server	String	Failover SIP Server(Optional, used when primary server no response)	P988	×	√	√
Account(3)->basic ->Second Failover SIP Server	String	Second Failover SipServer(Optional, used when Failover SIP Server no response)	P8853	×	√	√
Account(3)->basic ->Prefer Primary	Number: 0, 1	Prefer Primary SIP Server (In Use). 0 -	P4569	×	√	√

SIP Sserver		No, 1 - Yes					
Account(3)->basic ->Outbound Proxy	string	Outbound Proxy(proxy.myprovider.com, or IP address, if any)	P503		×	√	√
Account(3)->basic ->Backup Outbound Proxy	string	Backup Outbound Proxy(This is Usually Set as IP addr)	P20049		×	√	√
Account(3)->basic ->SIP Transport	Number: 0-2	0 - UDP, 1 - TCP, 2 - TLS	P930		×	√	√
Account(3)->basic ->NAT Traversal	Number: 0-2	0 - No, 1 - STUN 2 - No,but send keep alive	P514		×	√	√
Account(3)->basic ->Label	String	The name showing on the LCD of current device	P20002		×	√	√
Account(3)->basic ->SIP User ID	string	the user part of an SIP address	P504		×	√	√
Account(3)->basic ->Authenticate ID	String	can be identical to or different from SIP User ID	P505		×	√	√
Account(3)->basic -> Authenticate Password	String	purposely not displayed for securityprotection	P506		×	√	√
Account(3)->basic -> Name	String	The Local phone name showing on the other phone when calling	P507		×	√	√
Account(3)->basic ->DNS Mode	Number: 0-2	DNS Mode (0 - A Record, 1 - SRV, 2 - NAPTR/SRV)	P508		×	√	√
Account(3)->basic ->Call Message Format	Number: 0, 1	Call Message Format.0 - Regular,1 - User=Phone , 2 - Tel	P509		×	√	√
Account(3)->basic ->SIP Registration	Number: 0, 1	SIP Registration. 0 - No, 1 - Yes	P510		×	√	√
Account(3)->basic -> Unregister On Reboot	Number: 0, 1	Unregister On Reboot.0 - No, 1 - Yes	P511		×	√	√
Account(3)->basic -> Register Expiration	number	Register Expiration(in minutes. default 1 hour, max 45 days)	P512		×	√	√

Account(3)->basic ->Out	Number: 0, 1	Outgoing Call Without Registration.0 - No, 1 - Yes	P913	×	√	√
Account(3)->basic -> Local SIP Port	number	Local SIP Port(default 5060)	P513	×	√	√
Account(3)->basic -> Use Random Port	Number: 0, 1	Use Random Port.0 - No, 1 - Yes	P578	×	√	√
Account(3)->basic -> Voice Mail UserID	number	Voice Mail UserID(UserID for voice mail system)	P526	×	√	√
Account(3)->basic -> RPort	Number: 0, 1	Enable/Disable RPort.0 - No, 1 - Yes	P138	×	√	√
Account(3)->basic -> RFC 2543 Hold	Number: 0, 1	RFC 2543 Hold.0 - No, 1 - Yes	P1102	×	√	√
Account(3)->Codec-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 1. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P551	×	√	√
Account(3)->Codec-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 2. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P552	×	√	√
Account(3)->Codec-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 3. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P553	×	√	√
Account(3)->Codec-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 4. 0 - PCMU, 2 - G.726-32, 3 -	P554	×	√	√

		GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.				
Account(3)->Codec-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 5. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P555	×	√	√
Account(3)->Codec-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 6. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P556	×	√	√
Account(3)->Codec-> PTimes(ms)	Number: 1,2,3,4,5,6	1 – 10, 2 – 20, 3 – 30, 4 – 40, 5 – 50, 6 - 60	P737	×	√	√
Account(3)->Codec-> G723 Rate	Number: 0, 1	G723 Rate(0 - 6.3kbps encoding rate, 1 - 5.3kbps encoding rate)	P559	×	√	√
Account(3)->Codec-> iLBC mode	Number: 0, 1	iLBC mode.0 - 20ms mode,1 - 30ms mode	P396	×	√	√
Account(3)->Codec-> iLBC Payload Type	Number: 96 to 127	iLBC Payload Type(from 96 to 127, default is 97)	P392	×	√	√
Account(3)->Codec-> OPUS Payload Type	Number: 96 to 127	OPUS Payload Type (from 96 to 127, default is 120)	P404	√	√	√
Account(3)->Advanced-> DTMF Payload Type	Number: 96-127	DTMF Payload Type , default is 97	P579	×	√	√
Account(3)-> Advanced -> DTMF Type	Number: 0, 1,2	0 – RFC2833, 1 – IN Audio, 2 – SIP INFO	P20168	×	√	√
Account(3)-> Advanced -> Send Flash Event	Number: 0, 1	Send Flash Event.0 - no, 1 - yes		×	√	√

Account(3)-> Advanced -> Enable Call Features	Number: 0, 1	Enable Call Features.0 - no, 1 - yes	P1891	×	√	√
Account(3)-> Advanced -> Use NAT IP	String	Use NAT IP(use in SIP/SDP message if specified)	P566	×	√	√
Account(3)-> Advanced -> Proxy Require	string	Proxy Require	P518	×	√	√
Account(3)-> Advanced ->ZRTP Encryption	Number: 0, 1	ZRTP Encryption.0 - no, 1 - yes	P20648	×	√	√
Account(3)-> Advanced -> SRTP Mode	Number 0-2	SRTP Mode 0 = Disabled, 1 = Enabled but not forced, 2 = Enabled and forced	P543	×	√	√
Account(3)-> Advanced -> VAD Enable	Number: 0, 1	VAD Enable.0 - no, 1 - yes	P550	×	√	√
Account(3)-> Advanced -> Symmetric RTP	Number: 0, 1	Symmetric RTP.0 - no, 1 - yes	P591	×	√	√
Account(3)-> Advanced ->Jitter Buffer Type	Number: 0, 1	Jitter Buffer Type.0 - fixed, 1 - adaptive	P1133	×	√	√
Account(3)-> Advanced -> Jitter Buffer Length	Number 0-2	Jitter Buffer Length.0 - low, 1 - medium, 2 - high	P1132	×	√	√
Account(3)-> Advanced -> Account Ring Tone	Number 0,1,2,3,4,5,6,7,8	Account Ring Tone(0 - default, 1 - Ring1.bin, 2 - Ring2.bin, 3 - Ring3.bin, 4 - Ring4.bin, 5 - Ring5.bin, 6 - Ring6.bin, 7 - Ring7.bin, 8 - Ring8.bin)	P523	×	√	√
Account(3)-> Advanced -> Ring Timeout	Number 10 - 300	Ring Timeout(10-300 seconds , default is 60 seconds)	P1885	×	√	√

Account(3)-> Advanced -> Use # As Dial Key	Number: 0, 1	Use # As Dial Key.0 - no, 1 - yes	P1672	×	√	√
Account(3)-> Advanced -> Dial Plan	string	Dial plan (dial plan prefix string)	P4202	×	√	√
Account(3)-> Advanced -> Subscribe for MWI	Number: 0, 1	Subscribe for MWI.0 - no,do not send SUBSCRIBE for Message Waiting Indication, 1 - yes,send periodical SUBBSCRIBE for ,Message Waiting indication	P515	×	√	√
Account(3)-> Advanced ->Subscribe MWI To Voice Mail	Number: 0, 1	Subscribe MWI To Voice Mail.0 - no, 1 - yes(Enables or disables the IP phone to subscribe the message waiting indicator to the voice mail number for account X)	P24763	√	√	√
Account(3)-> Advanced -> Send Anonymous	Number: 0, 1	Send Anonymous,0 – no,1 – yes	P521	×	√	√
Account(3)-> Advanced -> Anonymous Call Rejection	Number: 0, 1	Anonymous Call Rejection.0 - no, 1 - yes	P1846	×	√	√
Account(3)-> Advanced -> Check SIP User ID	Number: 0, 1,2	Check SIP User ID.0 – Don't Check, 1 – Always Check, 2 - Automatic	P567	×	√	√
Account(3)-> Advanced -> Auto Answer	Number: 0, 1	Auto Answer.0 - no, 1 - yes	P525	×	√	√
Account(3)-> Advanced -> Allow Auto Answer By Call-Info	Number: 0, 1	Allow Auto Answer By Call-Info.0 - no, 1 - yes	P538	×	√	√
Account(3)-> Advanced -> Turn	Number: 0, 1	Turn off Speaker on remote disconnect.0	P539	×	√	√

off Speaker on remote disconnect		– no, 1 – yes				
Account(3)-> Advanced -> Session Expiration	Number	Session Expiration(default is 180 seconds)	P534	×	√	√
Account(3)-> Advanced -> Min-SE	Number	Min-Session-Expiration(default and minimum is 90 seconds)	P527	×	√	√
Account(3)-> Advanced -> Caller Request Timer	Number	Caller Request Timer (Request for timer when making outbound calls) 0 - No, 1 - Yes	P528	×	√	√
Account(3)-> Advanced ->Callee Request Timer	Number: 0, 1	Callee Request Timer (when caller supports timer but did not request one) 0 - No, 1 - Yes	P529	×	√	√
Account(3)-> Advanced -> Force Timer	Number: 0, 1	Force Timer (use timer even when remote party does not support) 0 - No, 1 - Yes	P530	×	√	√
Account(3) -> Advanced ->UAC Specify Refresher	Number: 0-2	UAC Specify Refresher. 1 - UAC, 2 - UAS, 0 - omit(Recommended)	P532	×	√	√
Account(3)-> Advanced -> UAS Specify Refresher	Number: 1, 2	UAS Specify Refresher. 1 - UAC, 2 - UAS(When UAC did not)	P533	×	√	√
Account(3)-> Advanced -> Force INVITE	Number: 0, 1	Force INVITE (Always refresh with INVITE instead of UPDATE) 0 - No, 1 - Yes	P531	×	√	√
Account(3)-> Advanced -> Hook Flash Timing-> Minimum	Number	Minimum Hook Flash Timing	P1811	×	√	√
Account(3)-> Advanced -> Hook Flash Timing->	Number	Maximum Hook Flash Timing	P1812	×	√	√

Maximum						
Account(3)-> Advanced -> Special Feature	Number 100, 104, 106	100 - Standard, 104 - World Call, 106 - NETHID	P524	×	√	√
Account(3)-> Advanced -> Eventlist BLF URL	string	Eventlist BLF URL	P544	×	√	√
Account(3)-> Advanced -> Share Line	Number: 0-2	Share Line. 0 - Disable, 1 - Broadsoft, 2 - BLA	P8773	×	√	√
Account(3)-> Advanced -> SCA Barge-In	Number: 0-1	SCA Barge-In. 0 - Disable, 1 – Enable. Enables or disables the BroadSoft SCA Barge-In feature	P20978	×	√	√
Account(3)-> Advanced -> Conference Type	Number: 0-1	Conference Type. 0 - Local, 1 – Enable.	P20006	×	√	√
Account(3)-> Advanced -> Conference URI	string	Conference URI	P20010	×	√	√
Account(3)-> Advanced -> SIP Server Type	Number: 0, 1	SIP Server Type. 0 - Default, 1 - BroadSoft	P8793	×	√	√
Account(3)-> Advanced -> 100 reliable retransmission	Number: 0, 1	100 reliable retransmission. 0 - Disable, 1 - Enable	P8813	×	√	√
Account(3)-> Advanced -> Early-Session	Number: 0, 1	Early-Session. 0 - Disable, 1 - Enable	P8843	×	√	√
Account(3)-> Advanced -> Refuse-Return-Co de	Number: 0-2	Refuse-Return-Code. 0 -BUSY-486, 1 - NOT-FOUND-404, 2 - REFUSE-603	P8847	×	√	√
Account(3)-> Advanced ->Direct Call Pickup Code	string	Direct Call Pickup Code	P4725	×	√	√
Account(3)-> Advanced ->Group Call Pickup Code	string	Group Call Pickup Code	P4726	×	√	√
Account(3)-> Advanced ->	Number: 0, 1	Feature Key Sync. 0 - Disable, 1 - Enable	P8635	×	√	√

Feature Key Sync						
Account(3)-> Advanced -> SIP Send Mac	Number: 0, 1	SIP Send Mac.0 - Disable,1 - Enable	P20055	×	√	√
Account(3)-> Advanced ->Caller Display Source	Number: 0, 1,2,3,4	Caller Display Source.0 – From Only, 1 – PAI-FROM, 2 – PAI-RPID-FROM, 3 – RPID-PAI-FROM,4 – RPID-FROM	P20159	×	√	√
Account(4)->basic ->Account Active	Number: 0, 1	Account Active (In Use). 0 - No, 1 - Yes	P601	×	√	√
Account(4)->basic ->Primary SIP Sserver	Primary SIP Server(eg:sip.mycompany.com or IP address)	It configures the primary SIP server when the network is locallan 、remotestun or SBC.	P602	×	√	√
Account(4)->basic ->Failover SIP Server	String	Failover SIP Server(Optional, used when primary server no response)	P989	×	√	√
Account(4)->basic ->Second Failover SIP Server	String	Second Failover SipServer(Optional, used when Failover SIP Server no response)	P8854	×	√	√
Account(4)->basic ->Prefer Primary SIP Sserver	Number: 0, 1	Prefer Primary SIP Server (In Use). 0 - No, 1 - Yes	P4570	×	√	√
Account(4)->basic ->Outbound Proxy	string	Outbound Proxy(proxy.myprovider.com, or IP address, if any)	P603	×	√	√
Account(4)->basic ->Backup Outbound Proxy	string	Backup Outbound Proxy(This is Usually Set as IP addr)	P20050	×	√	√
Account(4)->basic ->SIP Transport	Number: 0-2	0 - UDP, 1 - TCP, 2 - TLS	P1030	×	√	√
Account(4)->basic ->NAT Traversal	Number: 0-2	0 - No, 1 - STUN 2 - No,but send keep alive	P614	×	√	√

Account(4)->basic ->Label	String	The name showing on the LCD of current device	P20002	×	√	√
Account(4)->basic ->SIP User ID	string	the user part of an SIP address	P604	×	√	√
Account(4)->basic ->Authenticate ID	String	can be identical to or different from SIP User ID	P605	×	√	√
Account(4)->basic -> Authenticate Password	String	purposely not displayed for securityprotection	P606	×	√	√
Account(4)->basic -> Name	String	The Local phone name showing on the other phone when calling	P607	×	√	√
Account(4)->basic ->DNS Mode	Number: 0-2	DNS Mode (0 - A Record, 1 - SRV, 2 - NAPTR/SRV)	P608	×	√	√
Account(4)->basic ->Call Message Format	Number: 0, 1	Call Message Format.0 - Regular,1 - User=Phone , 2 - Tel	P609	×	√	√
Account(4)->basic ->SIP Registration	Number: 0, 1	SIP Registration. 0 - No, 1 - Yes	P610	×	√	√
Account(4)->basic -> Unregister On Reboot	Number: 0, 1	Unregister On Reboot.0 - No, 1 - Yes	P611	×	√	√
Account(4)->basic -> Register Expiration	number	Register Expiration(in minutes. default 1 hour, max 45 days)	P612	×	√	√
Account(4)->basic ->Out	Number: 0, 1	Outgoing Call Without Registration.0 - No, 1 - Yes	P1013	×	√	√
Account(4)->basic -> Local SIP Port	number	Local SIP Port(default 5060)	P613	×	√	√
Account(4)->basic -> Use Random Port	Number: 0, 1	Use Random Port.0 - No, 1 - Yes	P678	×	√	√
Account(4)->basic -> Voice Mail UserID	number	Voice Mail UserID(UserID for voice mail system)	P626	×	√	√
Account(4)->basic -> RPort	Number: 0, 1	Enable/Disable RPort.0 - No, 1 - Yes	P139	×	√	√

Account(4)->basic -> RFC 2543 Hold	Number: 0, 1	RFC 2543 Hold.0 - No, 1 - Yes	P1103	×	√	√
Account(4)->Code c-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 1. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P651	×	√	√
Account(4)->Code c-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 2. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P652	×	√	√
Account(4)->Code c-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 3. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P653	×	√	√
Account(4)->Code c-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 4. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P654	×	√	√
Account(4)->Code c-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 5. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P655	×	√	√
Account(4)->Code c-> Preferred	Number: 0, 2, 3, 4, 8,	Preferred Vocoder In listed order. choice 6.	P656	×	√	√

				×	√	√
Vocoder In listed order	9, 18, 20, 120	0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.				
Account(4)->Codec-> PTimes(ms)	Number: 1,2,3,4,5,6	1 – 10, 2 – 20, 3 – 30, 4 – 40, 5 – 50, 6 - 60	P637	×	√	√
Account(4)->Codec-> G723 Rate	Number:0, 1	G723 Rate(0 - 6.3kbps encoding rate, 1 - 5.3kbps encoding rate)	P659	×	√	√
Account(4)->Codec-> iLBC mode	Number: 0, 1	iLBC mode.0 - 20ms mode,1 - 30ms mode	P397	×	√	√
Account(4)->Codec-> iLBC Payload Type	Number: 96 to 127	iLBC Payload Type(from 96 to 127, default is 97)	P393	×	√	√
Account(4)->Codec-> OPUS Payload Type	Number: 96 to 127	OPUS Payload Type (from 96 to 127, default is 120)	P405	√	√	√
Account(4)->Advanced-> DTMF Payload Type	number	DTMF Payload Type , default is 97	P679	×	√	√
Account(4)-> Advanced -> DTMF Type	Number: 0, 1,2	0 – RFC2833, 1 – IN Audio, 2 – SIP INFO	P20169	×	√	√
Account(4)-> Advanced -> Send Flash Event	Number: 0, 1	Send Flash Event.0 - no, 1 - yes		×	√	√
Account(4)-> Advanced -> Enable Call Features	Number: 0, 1	Enable Call Features.0 - no, 1 - yes		×	√	√
Account(4)-> Advanced -> Proxy Require	string	Proxy Require	P618	×	√	√
Account(4)-> Advanced -> Use NAT IP	String	Used in SIP/SDP message if specified	P866	×	√	√
Account(4)-> Advanced ->ZRTP Encryption	Number: 0, 1	ZRTP Encryption.0 - no, 1 - yes	P20649	×	√	√
Account(4)-> Advanced ->	Number 0-2	SRTP Mode 0 = Disabled, 1 =	P643	×	√	√

SRTP Mode		Enabled but not forced, 2 = Enabled and forced				
Account(4)-> Advanced -> VAD Enable	Number: 0, 1	VAD Enable.0 - no, 1 - yes	P695	×	√	√
Account(4)-> Advanced -> Symmetric RTP	Number: 0, 1	Symmetric RTP.0 - no, 1 - yes	P691	×	√	√
Account(4)-> Advanced ->Jitter Buffer Type	Number: 0, 1	Jitter Buffer Type.0 - fixed, 1 - adaptive	P1233	×	√	√
Account(4)-> Advanced -> Jitter Buffer Length	Number 0-2	Jitter Buffer Length.0 - low, 1 - medium, 2 - high	P1232	×	√	√
Account(4)-> Advanced -> Account Ring Tone	Number 0,1,2,3,4,5, 6,7,8	Account Ring Tone(0 - default, 1 - Ring1.bin, 2 - Ring2.bin, 3 - Ring3.bin, 4 - Ring4.bin, 5 - Ring5.bin, 6 - Ring6.bin, 7 - Ring7.bin, 8 - Ring8.bin)	P623	×	√	√
Account(4)-> Advanced -> Ring Timeout	Number 10 - 300	Ring Timeout(10-300 seconds , default is 60 seconds)	P1886	×	√	√
Account(4)-> Advanced -> Use # As Dial Key	Number: 0, 1	Use # As Dial Key.0 - no, 1 - yes	P1772	×	√	√
Account(4)-> Advanced -> Dial Plan	string	Dial plan (dial plan prefix string)	P4203	×	√	√
Account(4)-> Advanced -> Subscribe for MWI	Number: 0, 1	Subscribe for MWI.0 - no,do not send SUBSCRIBE for Message Waiting Indication, 1 - yes,send periodical SUBBSCRIBE for ,Message Waiting indication	P615	×	√	√

Account(4)-> Advanced ->Subscribe MWI To Voice Mail	Number: 0, 1	Subscribe MWI To Voice Mail.0 - no, 1 - yes(Enables or disables the IP phone to subscribe the message waiting indicator to the voice mail number for account X)	P24765	√	√	√
Account(4)-> Advanced -> Send Anonymous	Number: 0, 1	Send Anonymous,0 – no,1 – yes	P621	×	√	√
Account(4)-> Advanced -> Anonymous Call Rejection	Number: 0, 1	Anonymous Call Rejection.0 - no, 1 - yes	P1946	×	√	√
Account(4)-> Advanced -> Check SIP User ID	Number: 0, 1,2	Check SIP User ID.0 – Don't Check, 1 – Always Check, 2 - Automatic	P667	×	√	√
Account(4)-> Advanced -> Auto Answer	Number: 0, 1	Auto Answer.0 - no, 1 - yes	P625	×	√	√
Account(4)-> Advanced -> Allow Auto Answer By Call-Info	Number: 0, 1	Allow Auto Answer By Call-Info.0 - no, 1 - yes	P638	×	√	√
Account(4)-> Advanced -> Turn off Speaker on remote disconnect	Number: 0, 1	Turn off Speaker on remote disconnect.0 – no, 1 – yes	P639	×	√	√
Account(4)-> Advanced -> Session Expiration	Number	Session Expiration(default is 180 seconds)	P634	×	√	√
Account(4)-> Advanced -> Min-SE	Number	Min-Session-Expiration(default and minimum is 90 seconds)	P627	×	√	√
Account(4)-> Advanced -> Caller Request Timer	Number	Caller Request Timer (Request for timer when making outbound calls) 0 - No, 1 - Yes	P628	×	√	√

Account(4)-> Advanced ->Callee Request Timer	Number: 0, 1	Callee Request Timer (when caller supports timer but did not request one) 0 - No, 1 - Yes	P629	×	√	√
Account(4)-> Advanced -> Force Timer	Number: 0, 1	Force Timer (use timer even when remote party does not support) 0 - No, 1 - Yes	P630	×	√	√
Account(4) -> Advanced ->UAC Specify Refresher	Number: 0-2	UAC Specify Refresher. 1 - UAC, 2 - UAS, 0 - omit(Recommended)	P632	×	√	√
Account(4)-> Advanced -> UAS Specify Refresher	Number: 1, 2	UAS Specify Refresher. 1 - UAC, 2 - UAS(When UAC did not)	P633	×	√	√
Account(4)-> Advanced -> Force INVITE	Number: 0, 1	Force INVITE (Always refresh with INVITE instead of UPDATE) 0 - No, 1 - Yes	P631	×	√	√
Account(4)-> Advanced -> Hook Flash Timing-> Minimum	Number	Minimum Hook Flash Timing	P1911	×	√	√
Account(4)-> Advanced -> Hook Flash Timing-> Maximum	Number	Maximum Hook Flash Timing	P1912	×	√	√
Account(4)-> Advanced -> Special Feature	Number 100, 104, 106	100 - Standard, 104 - World Call, 106 - NET HID	P624	×	√	√
Account(4)-> Advanced -> Eventlist BLF URL	String	Eventlist BLF URL	P644	×	√	√
Account(4)-> Advanced -> Share Line	Number: 0-2	Share Line. 0 - Disable, 1 - Broadsoft, 2 - BLA	P8774	×	√	√
Account(4)-> Advanced -> SCA Barge-In	Number: 0-1	SCA Barge-In. 0 - Disable, 1 – Enable. Enables or disables the BroadSoft SCA Barge-In	P20979	×	√	√

		feature				
Account(4)-> Advanced -> Conference Type	Number: 0-1	Conference Type. 0 - Local, 1 – Enable.	P20007	×	√	√
Account(4)-> Advanced -> Conference URI	string	Conference URI	P20011	×	√	√
Account(4)-> Advanced -> SIP Server Type	Number: 0, 1	SIP Server Type. 0 - Default, 1 - BroadSoft	P8794	×	√	√
Account(4)-> Advanced -> 100 reliable retransmission	Number: 0, 1	100 reliable retransmission. 0 - Disable, 1 - Enable	P8814	×	√	√
Account(4)-> Advanced -> Early-Session	Number: 0, 1	Early-Session. 0 - Disable, 1 - Enable	P8844	×	√	√
Account(4)-> Advanced -> Refuse-Return-Code	Number: 0-2	Refuse-Return-Code. 0 -BUSY-486, 1 - NOT-FOUND-404, 2 - REFUSE-603	P8848	×	√	√
Account(4)-> Advanced ->Direct Call Pickup Code	string	Direct Call Pickup Code	P4735	×	√	√
Account(4)-> Advanced ->Group Call Pickup Code	string	Group Call Pickup Code	P4736	×	√	√
Account(4)-> Advanced -> Feature Key Sync	Number: 0, 1	Feature Key Sync. 0 - Disable, 1 - Enable	P8656	×	√	√
Account(4)-> Advanced -> SIP Send Mac	Number: 0, 1	SIP Send Mac.0 - Disable,1 - Enable	P20056	×	√	√
Account(4)-> Advanced ->Caller Display Source	Number: 0, 1,2,3,4	Caller Display Source.0 – From Only, 1 – PAI-FROM, 2 – PAI-RPID-FROM, 3 – RPID-PAI-FROM,4 – RPID-FROM	P20160	×	√	√
Account(5)->basic ->Account Active	Number: 0, 1	Account Active (In Use). 0 - No, 1 - Yes	P20360	×	×	√

Account(5)->basic ->Primary SIP Sserver	Primary SIP Server(eg:sip.mycompany.com or IP address)	It configures the primary SIP server when the network is locallan 、remotestun or SBC.	P20362	×	×	√
Account(5)->basic ->Failover SIP Server	String	Failover SIP Server(Optional, used when primary server no response)	P20364	×	×	√
Account(5)->basic ->Second Failover SIP Server	String	Second Failover SipServer(Optional, used when Failover SIP Server no response)	P20366	×	×	√
Account(5)->basic ->Prefer Primary SIP Sserver	Number: 0, 1	Prefer Primary SIP Server (In Use). 0 - No, 1 - Yes	P20368	×	×	√
Account(5)->basic ->Outbound Proxy	string	Outbound Proxy(proxy.myprovider.com, or IP address, if any)	P20370	×	×	√
Account(5)->basic ->Backup Outbound Proxy	String	Backup Outbound Proxy(This is Usually Set as IP addr)	P20372	×	×	√
Account(5)->basic ->SIP Transport	Number: 0-2	0 - UDP, 1 - TCP, 2 - TLS	P20374	×	×	√
Account(5)->basic ->NAT Traversal	Number: 0-2	0 - No, 1 - STUN 2 - No,but send keep alive	P20376	×	×	√
Account(5)->basic ->Lable	string	Lable	P20378	×	×	√
Account(5)->basic ->SIP User ID	string	Displayname.line.1	P1704	×	×	√
Account(5)->basic ->Authenticate ID	String	Authenticate ID	P1705	×	×	√
Account(5)->basic -> Authenticate Password	String	Authenticate Password	P1706	×	×	√
Account(5)->basic -> Name	String	Name	P1707	×	×	√
Account(5)->basic ->DNS Mode	Number: 0-2	DNS Mode (0 - A Record, 1 - SRV, 2 - NAPTR/SRV)	P20380	×	×	√

Account(5)->basic ->Call Message Format	Number: 0, 1	Call Message Format.0 - No, 1 – Yes. If you enable this option . The SIP messsge send by IPphone will contain "user = phone".	P20382	×	×	√
Account(5)->basic ->SIP Registration	Number: 0, 1	SIP Registration. 0 - No, 1 - Yes	P20384	×	×	√
Account(5)->basic -> Unregister On Reboot	Number: 0, 1	Unregister On Reboot.0 - No, 1 - Yes	P20386	×	×	√
Account(5)->basic -> Register Expiration	number	Register Expiration(in minutes. default 1 hour, max 45 days)	P20388	×	×	√
Account(5)->basic ->Out Outgoing Call Without Registration	Number: 0, 1	Outgoing Call Without Registration.0 - No, 1 - Yes	P 1113	×	×	√
Account(5)->basic -> Local SIP Port	number	Local SIP Port(default 5060)	P1713	×	×	√
Account(5)->basic -> Use Random Port	Number: 0, 1	Use Random Port.0 - No, 1 - Yes	P20390	×	×	√
Account(5)->basic -> Voice Mail UserID	number	Voice Mail UserID(UserID for voice mail system)	P1726	×	×	√
Account(5)->basic -> RPort	Number: 0, 1	RPort.0 - No, 1 - Yes	P140	×	×	√
Account(5)->basic -> RFC 2543 Hold	Number: 0, 1	RFC 2543 Hold.0 - No, 1 - Yes	P1104	×	×	√
Account(5)->Codec-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 1. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P20392	×	×	√
Account(5)->Codec-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 2. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1,	P20394	×	×	√

		8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.		×	×	√
Account(5)->Codec-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 3. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P20396	×	×	√
Account(5)->Codec-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 4. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P20398	×	×	√
Account(5)->Codec-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 5. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P20400	×	×	√
Account(5)->Codec-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 6. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P20402	×	×	√
Account(5)->Codec-> PTimes(ms)	Number: 1,2,3,4,5,6	1 – 10, 2 – 20, 3 – 30, 4 – 40, 5 – 50, 6 - 60	P20408	×	×	√
Account(5)->Codec-> G723 Rate	Number: 0, 1	G723 Rate(0 - 6.3kbps encoding rate, 1 - 5.3kbps encoding rate)	P20410	×	×	√
Account(5)->Codec-> iLBC mode	Number: 0, 1	iLBC mode.0 - 20ms mode,1 - 30ms mode	P20412	×	×	√

Account(5)->Code c-> iLBC Payload Type	Number: 96 to 127	iLBC Payload Type(from 96 to 127, default is 97)	P20414	×	×	√
Account(5)->Code c-> OPUS Payload Type	Number: 96 to 127	OPUS Payload Type (from 96 to 127, default is 120)	P406	√	√	√
Account(5)->Adva nced-> DTMF Payload Type	Number : 96-127	DTMF Payload Type , default is 97	P20416	×	×	√
Account(5)-> Advanced -> DTMF Type	Number: 0, 1,2	0 – RFC2833, 1 – IN Audio, 2 – SIP INFO	P20170	×	×	√
Account(5)-> Advanced -> Send Flash Event	Number:0, 1	Send Flash Event.0 - no, 1 - yes	P20424	×	×	√
Account(5)-> Advanced -> Enable Call Features	Number:0, 1	Enable Call Features.0 - no, 1 - yes	P20426	×	×	√
Account(5)-> Advanced -> Proxy Require	string		P20428	×	×	√
Account(5)-> Advanced ->Use NAT IP	String	Used in SIP/SDP message if specified	P20430	×	×	√
Account(5)-> Advanced ->ZRTP Encryption	Number: 0, 1	ZRTP Encryption.0 - no, 1 - yes	P20650	×	×	√
Account(5)-> Advanced -> SRTP Mode	Number 0-2	SRTP Mode 0 = Disabled, 1 = Enabled but not forced, 2 = Enabled and forced	P20432	×	×	√
Account(5)-> Advanced -> VAD Enable	Number: 0, 1	VAD Enable.0 - no, 1 – yes. If you enable this option. When on a call, if the phones find that you are not speaking, it will send CNG packet but not voice packet.	P20434	×	×	√
Account(5)-> Advanced -> Symmetric RTP	Number: 0, 1	Symmetric RTP.0 - no, 1 - yes	P20436	×	×	√

Account(5)-> Advanced -> Jitter Buffer Type	Number: 0, 1	Jitter Buffer Type.0 - fixed, 1 - adaptive	P20438	×	×	√
Account(5)-> Advanced -> Jitter Buffer Length	Number 0-2	Jitter Buffer Length.0 - low, 1 - medium, 2 - high	P20440	×	×	√
Account(5)-> Advanced -> Account Ring Tone	Number 0,1,2,3,4,5, 6,7,8	Account Ring Tone(0 - default, 1 - Ring1.bin, 2 - Ring2.bin, 3 - Ring3.bin, 4 - Ring4.bin, 5 - Ring5.bin, 6 - Ring6.bin, 7 - Ring7.bin, 8 - Ring8.bin)	P1723	×	×	√
Account(5)-> Advanced -> Ring Timeout	Number 10 - 300	Ring Timeout(10-300 seconds , default is 60 seconds)	P20442	×	×	√
Account(5)-> Advanced -> Use # As Dial Key	Number: 0, 1	Use # As Dial Key.0 - no, 1 - yes	P20444	×	×	√
Account(5)-> Advanced -> Dial Plan	string	Dial plan (dial plan prefix string)	P4204/4205	×	×	√
Account(5)-> Advanced -> Subscribe for MWI	Number: 0, 1	Subscribe for MWI.0 - no,do not send SUBSCRIBE for Message Waiting Indication, 1 - yes,send periodical SUBBSCRIBE for ,Message Waiting indication	P1715/1815	×	×	√
Account(5)-> Advanced ->Subscribe MWI To Voice Mail	Number: 0, 1	Subscribe MWI To Voice Mail.0 - no, 1 - yes(Enables or disables the IP phone to subscribe the message waiting indicator to the voice mail number for account X)	P24767	×	×	√

Account(5)-> Advanced -> Send Anonymous	Number: 0, 1	Send Anonymous,0 – no,1 – yes	P1721/1821	×	×	√
Account(5)-> Advanced -> Anonymous Call Rejection	Number: 0, 1	Anonymous Call Rejection.0 - no, 1 - yes	P20446	×	×	√
Account(5)-> Advanced -> Check SIP User ID	Number: 0, 1,2	Check SIP User ID.0 – Don't Check, 1 – Always Check, 2 - Automatic	P1767	×	×	√
Account(5)-> Advanced -> Auto Answer	Number: 0, 1	Auto Answer.0 - no, 1 - yes	P1725	×	×	√
Account(5)-> Advanced -> Allow Auto Answer By Call-Info	Number: 0, 1	Allow Auto Answer By Call-Info.0 - no, 1 - yes	P1738	×	×	√
Account(5)-> Advanced -> Turn off Speaker on remote disconnect	Number: 0, 1	Turn off Speaker on remote disconnect.0 - no, 1 - yes	P1739	×	×	√
Account(5)-> Advanced ->Session Expiration	Number	Session Expiration(default is 180 seconds)	P1734	×	×	√
Account(5)-> Advanced -> Min-SE	Number	Min-Session-Expiration(default and minimum is 90 seconds)	P1727	×	×	√
Account(5)-> Advanced -> Caller Request Timer	Number	Caller Request Timer (Request for timer when making outbound calls) 0 - No, 1 - Yes	P1728	×	×	√
Account(5)-> Advanced ->Callee Request Timer	Number: 0, 1	Callee Request Timer (when caller supports timer but did not request one) 0 - No, 1 - Yes	P1729	×	×	√
Account(5)-> Advanced -> Force Timer	Number: 0, 1	Force Timer (use timer even when remote party does not support) 0 - No, 1 -	P1730	×	×	√

		Yes				√
Account(5)-> Advanced ->UAC Specify Refresher	Number: 0-2	UAC Specify Refresher. 1 - UAC, 2 - UAS, 0 - omit(Recommended)	P1732	×	×	√
Account(5)-> Advanced -> UAS Specify Refresher	Number: 1, 2	UAS Specify Refresher. 1 - UAC, 2 - UAS(When UAC did not)	P1733	×	×	√
Account(5)-> Advanced -> Force INVITE	Number: 0, 1	Force INVITE (Always refresh with INVITE instead of UPDATE) 0 - No, 1 - Yes	P1731	×	×	√
Account(5)-> Advanced -> Hook Flash Timing-> Minimum	Number	Minimum Hook Flash Timing	P20448	×	×	√
Account(5)-> Advanced -> Hook Flash Timing-> Maximum	Number	MaximumHook Flash Timing	P20450	×	×	√
Account(5)-> Advanced -> Special Feature	Number 100, 104, 106	100 - Standard, 104 - World Call, 106 - NETHID	P20452	×	×	√
Account(5)-> Advanced -> Share Line	Number: 0-2	Share Line. 0 - Disable, 1 - Broadsoft, 2 - BLA	P20454	×	×	√
Account(5)-> Advanced -> SCA Barge-In	Number: 0-1	SCA Barge-In. 0 - Disable, 1 – Enable. Enables or disables the BroadSoft SCA Barge-In feature	P20980	×	×	√
Account(5)-> Advanced -> Conference Type	Number: 0-1	Conference Type. 0 - Local, 1 – Enable.	P20472	×	×	√
Account(5)-> Advanced -> Conference URI	string	Conference URI	P20470	×	×	√
Account(5)-> Advanced -> SIP Server Type	Number: 0, 1	SIP Server Type. 0 - Default, 1 - BroadSoft	P20456	×	×	√
Account(5)-> Advanced -> 100	Number: 0, 1	100 reliable retransmission. 0 -	P20458	×	×	√

reliable retransmission		Disable, 1 - Enable				
Account(5)->Advanced -> Early-Session	Number: 0, 1	Early-Session. 0 - Disable, 1 - Enable	P20460	×	×	√
Account(5)-> Advanced -> Refuse-Return-Code	Number: 0-2	Refuse-Return-Code. 0 -BUSY-486, 1 - NOT-FOUND-404, 2 - REFUSE-603	P20462	×	×	√
Account(5)-> Advanced ->Direct Call Pickup Code	string	Direct Call Pickup Code	P20464	×	×	√
Account(5)-> Advanced ->Group Call Pickup Code	string	Group Call Pickup Code	P20466	×	×	√
Account(5)-> Advanced -> Feature Key Sync	Number: 0, 1	Feature Key Sync. 0 - Disable, 1 – Enable. It defines whether to enable Broad soft, DND&FWD synchronization or not.0 stands for Disabled, 1 stands for Enabled.	P20468	×	×	√
Account(5)-> Advanced -> SIP Send Mac	Number: 0, 1	SIP Send Mac.0 - Disable,1 – Enable. If you enable this option. When the phone sends INVITE message which carry MAC head. And MAC address of the phone is in the MAC head.	P20474	×	×	√
Account(5)-> Advanced ->Caller Display Source	Number: 0, 1,2,3,4	Caller Display Source.0 – From Only, 1 – PAI-FROM, 2 – PAI-RPID-FROM, 3 – RPID-PAI-FROM,4 – RPID-FROM	P20161	×	×	√
Account(6)->basic ->Account Active	Number: 0, 1	Account Active (In Use). 0 - No, 1 - Yes	P20361	×	×	√

Account(6)->basic ->Primary SIP Sserver	Primary SIP Server(eg:sip.mycompany.com or IP address)	It configures the primary SIP server when the network is locallan、remotestun or SBC.	P20363	×	×	√
Account(6)->basic ->Failover SIP Server	String	Failover SIP Server(Optional, used when primary server no response)	P20365	×	×	√
Account(6)->basic ->Second Failover SIP Server	String	Second Failover SipServer(Optional, used when Failover SIP Server no response)	P20367	×	×	√
Account(6)->basic ->Prefer Primary SIP Sserver	Number: 0, 1	Prefer Primary SIP Server (In Use). 0 - No, 1 - Yes	P20369	×	×	√
Account(6)->basic ->Outbound Proxy	string	Outbound Proxy(proxy.myprovider.com, or IP address, if any)	P20371	×	×	√
Account(6)->basic ->Backup Outbound Proxy	String	Backup Outbound Proxy(This is Usually Set as IP addr)	P20373	×	×	√
Account(6)->basic ->SIP Transport	Number: 0-2	0 - UDP, 1 - TCP, 2 - TLS	P20375	×	×	√
Account(6)->basic ->NAT Traversal	Number: 0-2	0 - No, 1 - STUN　2 - No,but send keep alive	P20377	×	×	√
Account(6)->basic ->Lable	string	Lable	P20379	×	×	√
Account(6)->basic ->SIP User ID	string	Displayname.line.1	P1804	×	×	√
Account(6)->basic ->Authenticate ID	String	Authenticate ID	P1805	×	×	√
Account(6)->basic -> Authenticate Password	String	Authenticate Password	P1806	×	×	√
Account(6)->basic -> Name	String	Name	P1807	×	×	√
Account(6)->basic ->DNS Mode	Number: 0-2	DNS Mode (0 - A Record, 1 - SRV, 2 - NAPTR/SRV)	P20381	×	×	√

Account(6)->basic ->Call Message Format	Number:0, 1	Call Message Format.0 - No, 1 – Yes. If you enable this option . The SIP messsge send by IPphone will contain "user = phone".	P20383	×	×	√
Account(6)->basic ->SIP Registration	Number:0, 1	SIP Registration. 0 - No, 1 - Yes	P20385	×	×	√
Account(6)->basic -> Unregister On Reboot	Number:0, 1	Unregister On Reboot.0 - No, 1 - Yes	P20387	×	×	√
Account(6)->basic -> Register Expiration	number	Register Expiration(in minutes. default 1 hour, max 45 days)	P20389	×	×	√
Account(6)->basic ->Out Outgoing Call Without Registration	Number:0, 1	Outgoing Call Without Registration.0 - No, 1 - Yes	P 1213	×	×	√
Account(6)->basic -> Local SIP Port	number	Local SIP Port(default 5060)	P1813	×	×	√
Account(6)->basic -> Use Random Port	Number:0, 1	Use Random Port.0 - No, 1 - Yes	P20391	×	×	√
Account(6)->basic -> Voice Mail UserID	number	Voice Mail UserID(UserID for voice mail system)	P1826	×	×	√
Account(6)->basic -> RPort	Number:0, 1	RPort.0 - No, 1 - Yes	P141	×	×	√
Account(6)->basic -> RFC 2543 Hold	Number:0, 1	RFC 2543 Hold.0 - No, 1 - Yes	P1105	×	×	√
Account(6)->Codec-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 1. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P20393	×	×	√
Account(6)->Codec-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 2. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1,	P20395	×	×	√

		8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.				√
Account(6)->Codec-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 3. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P20397	×	×	√
Account(6)->Codec-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 4. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P20399	×	×	√
Account(6)->Codec-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 5. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P20401	×	×	√
Account(6)->Codec-> Preferred Vocoder In listed order	Number: 0, 2, 3, 4, 8, 9, 18, 20, 120	Preferred Vocoder In listed order. choice 6. 0 - PCMU, 2 - G.726-32, 3 - GSM_FR,4 - G.723.1, 8 - PCMA, 9 - G.722, 18 - G.729A/B,20 - iLBC, 120 - OPUS.	P20403	×	×	√
Account(6)->Codec-> PTimes(ms)	Number: 1,2,3,4,5,6	1 – 10, 2 – 20, 3 – 30, 4 – 40, 5 – 50, 6 - 60	P20409	×	×	√
Account(6)->Codec-> G723 Rate	Number:0, 1	G723 Rate(0 - 6.3kbps encoding rate, 1 - 5.3kbps encoding rate)	P20411	×	×	√
Account(6)->Codec-> iLBC mode	Number:0, 1	iLBC mode.0 - 20ms mode,1 - 30ms mode	P20413	×	×	√

Account(6)->Code c-> iLBC Payload Type	Number:96 to 127	iLBC Payload Type(from 96 to 127, default is 97)	P20415	×	×	√
Account(6)->Code c-> OPUS Payload Type	Number: 96 to 127	OPUS Payload Type (from 96 to 127, default is 120)	P407	×	×	√
Account(6)->Adva nced-> DTMF Payload Type	Number : 96-127	DTMF Payload Type , default is 97	P20417	×	×	√
Account(6)-> Advanced -> DTMF Type	Number:0, 1,2	0 – RFC2833, 1 – IN Audio, 2 – SIP INFO	P20171	×	×	√
Account(6)-> Advanced -> Send Flash Event	Number:0, 1	Send Flash Event.0 - no, 1 - yes	P20425	×	×	√
Account(6)-> Advanced -> Enable Call Features	Number:0, 1	Enable Call Features.0 - no, 1 - yes	P20427	×	×	√
Account(6)-> Advanced -> Proxy Require	string		P20429	×	×	√
Account(6)-> Advanced ->Use NAT IP	String	Used in SIP/SDP message if specified	P20431	×	×	√
Account(6)-> Advanced ->ZRTP Encryption	Number:0, 1	ZRTP Encryption.0 - no, 1 - yes	P20651	×	×	√
Account(6)-> Advanced -> SRTP Mode	Number 0-2	SRTP Mode 0 = Disabled, 1 = Enabled but not forced, 2 = Enabled and forced	P20433	×	×	√
Account(6)-> Advanced -> VAD Enable	Number:0, 1	VAD Enable.0 - no, 1 – yes. If you enable this option. When on a call, if the phones find that you are not speaking, it will send CNG packet but not voice packet.	P20435	×	×	√
Account(6)-> Advanced -> Symmetric RTP	Number:0, 1	Symmetric RTP.0 - no, 1 - yes	P20437	×	×	√

Account(6)-> Advanced -> Jitter Buffer Type	Number:0, 1	Jitter Buffer Type.0 - fixed, 1 - adaptive	P20439	×	×	√
Account(6)-> Advanced -> Jitter Buffer Length	Number 0-2	Jitter Buffer Length.0 - low, 1 - medium, 2 - high	P20441	×	×	√
Account(6)-> Advanced -> Account Ring Tone	Number 0,1,2,3,4,5, 6,7,8	Account Ring Tone(0 - default, 1 - Ring1.bin, 2 - Ring2.bin, 3 - Ring3.bin, 4 - Ring4.bin, 5 - Ring5.bin, 6 - Ring6.bin, 7 - Ring7.bin, 8 - Ring8.bin)	P1723	×	×	√
Account(6)-> Advanced -> Ring Timeout	Number10 - 300	Ring Timeout(10-300 seconds , default is 60 seconds)	P20443	×	×	√
Account(6)-> Advanced -> Use # As Dial Key	Number: 0, 1	Use # As Dial Key.0 - no, 1 - yes	P20445	×	×	√
Account(6)-> Advanced -> Dial Plan	string	Dial plan (dial plan prefix string)	P4205	×	×	√
Account(6)-> Advanced -> Subscribe for MWI	Number: 0, 1	Subscribe for MWI.0 - no,do not send SUBSCRIBE for Message Waiting Indication, 1 - yes,send periodical SUBBSCRIBE for ,Message Waiting indication	P1815	×	×	√
Account(6)-> Advanced ->Subscribe MWI To Voice Mail	Number: 0, 1	Subscribe MWI To Voice Mail.0 - no, 1 - yes(Enables or disables the IP phone to subscribe the message waiting indicator to the voice mail number for account X)	P24769	×	×	√

Account(6)-> Advanced -> Send Anonymous	Number: 0, 1	Send Anonymous,0 – no,1 – yes	P1821	×	×	√
Account(6)-> Advanced -> Anonymous Call Rejection	Number: 0, 1	Anonymous Call Rejection.0 - no, 1 - yes	P20447	×	×	√
Account(6)-> Advanced -> Check SIP User ID	Number: 0, 1,2	Check SIP User ID.0 – Don't Check, 1 – Always Check, 2 - Automatic	P1867	×	×	√
Account(6)-> Advanced -> Auto Answer	Number: 0, 1	Auto Answer.0 - no, 1 - yes	P1825	×	×	√
Account(6)-> Advanced -> Allow Auto Answer By Call-Info	Number: 0, 1	Allow Auto Answer By Call-Info.0 - no, 1 - yes	P1838	×	×	√
Account(6)-> Advanced -> Turn off Speaker on remote disconnect	Number: 0, 1	Turn off Speaker on remote disconnect.0 - no, 1 - yes	P1839	×	×	√
Account(6)-> Advanced ->Session Expiration	Number	Session Expiration(default is 180 seconds)	P1834	×	×	√
Account(6)-> Advanced -> Min-SE	Number	Min-Session-Expiration(default and minimum is 90 seconds)	P1827	×	×	√
Account(6)-> Advanced -> Caller Request Timer	Number	Caller Request Timer (Request for timer when making outbound calls) 0 - No, 1 - Yes	P1828	×	×	√
Account(6)-> Advanced ->Callee Request Timer	Number: 0, 1	Callee Request Timer (when caller supports timer but did not request one) 0 - No, 1 - Yes	P1829	×	×	√
Account(6)-> Advanced -> Force Timer	Number: 0, 1	Force Timer (use timer even when remote party does not support) 0 - No, 1 -	P1830	×	×	√

		Yes				√
Account(6)-> Advanced ->UAC Specify Refresher	Number: 0-2	UAC Specify Refresher. 1 - UAC, 2 - UAS, 0 - omit(Recommended)	P1832	×	×	√
Account(6)-> Advanced -> UAS Specify Refresher	Number: 1, 2	UAS Specify Refresher. 1 - UAC, 2 - UAS(When UAC did not)	P1833	×	×	√
Account(6)-> Advanced -> Force INVITE	Number: 0, 1	Force INVITE (Always refresh with INVITE instead of UPDATE) 0 - No, 1 - Yes	P1831	×	×	√
Account(6)-> Advanced -> Hook Flash Timing-> Minimum	Number	Minimum Hook Flash Timing	P20449	×	×	√
Account(6)-> Advanced -> Hook Flash Timing-> Maximum	Number	MaximumHook Flash Timing	P20451	×	×	√
Account(6)-> Advanced -> Special Feature	Number 100, 104, 106	100 - Standard, 104 - World Call, 106 - NETHID	P20453	×	×	√
Account(6)-> Advanced -> Share Line	Number: 0-2	Share Line. 0 - Disable, 1 - Broadsoft, 2 - BLA	P20455	×	×	√
Account(6)-> Advanced -> SCA Barge-In	Number: 0-1	SCA Barge-In. 0 - Disable, 1 – Enable. Enables or disables the BroadSoft SCA Barge-In feature	P20981	×	×	√
Account(6)-> Advanced -> Conference Type	Number: 0-1	Conference Type. 0 - Local, 1 – Enable.	P20473	×	×	√
Account(6)-> Advanced -> Conference URI	string	Conference URI	P20471	×	×	√
Account(6)-> Advanced -> SIP Server Type	Number: 0, 1	SIP Server Type. 0 - Default, 1 - BroadSoft	P20457	×	×	√
Account(6)-> Advanced -> 100	Number: 0, 1	100 reliable retransmission. 0 -	P20459	×	×	√

reliable retransmission		Disable, 1 - Enable				
Account(6)->Advanced -> Early-Session	Number: 0, 1	Early-Session. 0 - Disable, 1 - Enable	P20461	×	×	√
Account(6)-> Advanced -> Refuse-Return-Code	Number: 0-2	Refuse-Return-Code. 0 -BUSY-486, 1 - NOT-FOUND-404, 2 - REFUSE-603	P20463	×	×	√
Account(6)-> Advanced ->Direct Call Pickup Code	string	Direct Call Pickup Code	P20465	×	×	√
Account(6)-> Advanced ->Group Call Pickup Code	string	Group Call Pickup Code	P20467	×	×	√
Account(6)-> Advanced -> Feature Key Sync	Number: 0, 1	Feature Key Sync. 0 - Disable, 1 – Enable. It defines whether to enable Broad soft, DND&FWD synchronization or not.0 stands for Disabled, 1 stands for Enabled.	P20469	×	×	√
Account(6)-> Advanced -> SIP Send Mac	Number: 0, 1	SIP Send Mac.0 - Disable,1 – Enable. If you enable this option. When the phone sends INVITE message which carry MAC head. And MAC address of the phone is in the MAC head.	P20475	×	×	√
Account(6)-> Advanced ->Caller Display Source	Number: 0, 1,2,3,4	Caller Display Source.0 – From Only, 1 – PAI-FROM, 2 – PAI-RPID-FROM, 3 – RPID-PAI-FROM,4 – RPID-FROM	P20162	×	×	√
Network->Basic-> Internet Port->	Number: 0, 1,2	IP Mode(IPv4/IPv6). 0 -	P20181	√	√	√

IP Mode(IPv4/IPv6)		IPv4,1-IPv6,2-IPv4&IPv6				
Network->Basic-> WAN->DHCP/Static IP Address/PPPoE	Number: 0-2	WAN. 0 - DHCP, 1 - Static IP Address, 2 - PPPoE	P8	√	√	√
Network->Basic-> WAN->DHCP->DHCP HostName	String	DHCP HostName, DHCP option 12. Max length allowed is 64 characters. Default value is 0.	P146	√	√	√
Network->Basic-> WAN->DHCP ->DHCP Domin	String	DHCP Domin	P147	√	√	√
Network->Basic-> WAN->DHCP -> DHCP Vendor Class ID	String	DHCP Vendor Class ID, DHCP option 60. Max length allowed is 64 characters.	P148	√	√	√
Network->Basic-> WAN->DHCP -> DHCP User Class	String	DHCP 43 vendor specific information	P149	√	√	√
Network->Basic-> WAN->Static IP Address->IP Address	Number	IP address	P9/P10/P11/P12	√	√	√
Network->Basic-> WAN->Static IP Address-> Subnet Mask	Number	Subnet Mask	P13/P14/P15/P16	√	√	√
Network->Basic-> WAN->Static IP Address-> Default Gateway	Number	Default Gateway	P17/P18/P19/P20	√	√	√
Network->Basic-> WAN->Static IP Address->Static DNS	Number:0, 1	Static DNS.0 – No, 1 - Yes	P20163	√	√	√
Network->Basic-> WAN->Static IP Address-> Primary DNS	Number	Primary DNS	P21/P22/P23/P24	√	√	√
Network->Basic-> WAN->Static IP Address->	Number	Secondary DNS	P25/P26/P27/P28	√	√	√

Secondary DNS						
Network->Basic->WAN->PPPoE->PPPoE account ID	String	PPPoE account ID	P82	√	√	√
Network->Basic->WAN->PPPoE->PPPoE password	String	PPPoE password	P83	√	√	√
Network->Basic->WAN->PPPoE->PPPoE Service Name	String	PPPoE Service Name	P269	√	√	√
Network->Basic->WAN->PPPoE->Preferred DNS Server	Number	Preferred DNS Server	P92/P93/P94/P95	√	√	√
Network->Basic->WAN->PPPoE->Reply To ICMP	Number:0 , 1	Reply To ICMP(0 - no, 1 – yes)	P189	√	√	√
Network->Basic->WAN->PPPoE->WAN Http Access	Number:0 , 1	WAN Http Access (0 - no, 1 – yes)	P190	√	√	√
Network->Basic->PC Port-> As Bridge/ as Router/ Connect to Expansion Module	Number:0-2	PC Port(1 - As Bridge, 0 - as Router, 2 - Connect to Expansion Module)	P231	√	√	√
Network->Basic->PC Port-> IP Address	String	IP Address of PC Port	P111	√	√	√
Network->Basic->PC Port-> Subnet Mask	String	Subnet Mask of PC Port	P110	√	√	√
Network->Basic->PC Port-> IP Lease Time	Number	IP Lease Time	P112	√	√	√
Network->Basic->PC Port-> DHCP Server	Number:0 , 1	DHCP Server(0 - Disable, 1 - Enable)	P8639	√	√	√
Network->Basic->PC Port-> DMZ IP	string	DMZ IP	P113	√	√	√
Network->Basic->PC Port->Port Map->WAN Port	Number	WAN Port	P150-P157	√	√	√

Network->Basic->PC Port->Port Map-> LAN IP	string	LAN IP	P158-P165	√	√	√
Network->Basic->PC Port->Port Map-> LAN Port	Numbrt	LAN Port	P166-P173	√	√	√
Network->Basic->PC Port->Port Map-> Protocol	Number:0-2	Protocol(0 - UDP, 1 - TCP ,2 - TCP/UDP)	P174-P181	√	√	√
Network->Advanced->LLDP->active	Number:0 , 1	Active(0 - Disable, 1 - Enable)	P5438	√	√	√
Network->Advanced->LLDP-> Packed Interval	number	Packed Interval	P5439	√	√	√
Network->Advanced->VLAN->WAN Port->Active	Number:0 , 1	Active(0 - Disable, 1 - Enable)	P24053	√	√	√
Network->Advanced->VLAN->WAN Port->VID	Number	VID	P51	√	√	√
Network->Advanced->VLAN->WAN Port->Priority	Number	Priority	P87	√	√	√
Network->Advanced->VLAN->PC Port->Active	Number:0 , 1	Active(0 - Disable, 1 - Enable)	P24054	√	√	√
Network->Advanced->VLAN->PC Port->	Number	VID	P229	√	√	√
Network->Advanced->VLAN->DHCP VLAN->Active	Number:0 , 1	Active(0 - Disable, 1 - Enable)	P8684	√	√	√
Network->Advanced->VLAN->Voice Qos	Number: 0-63	Voice QoS (Diff-Serv or Precedence value)	P23130	√	√	√
Network->Advanced->VLAN->SIP Qos	Number: 0-63	SIP QoS (Diff-Serv or Precedence value)	P23129	√	√	√
Network->Advanced->VPN Active	Number	VPN Active (0 - no, 1 - yes)	P8629	√	√	√
Network->Advanced->Web Server-> HTTP Port	Number	HTTP Port	P901	√	√	√

Network->Advanced-> Web Server-> HTTPS Port	Number	HTTPS Port	P8724	√	√	√
Network->Advanced-> Web Server->Type	Number:0-3	Type(0 - Disable, 1 - HTTP&HTTPS, 2 - HTTP Only, 3 - HTTPS Only)	P8725	√	√	√
Network->Advanced-> 802.1X-> 802.1X Mode	Number:0, 1,2,3,4,5,6, 7	802.1X Mode(0 - Disable, 1 - EAP-MD5,2 –EAP-TLS, 3 -EAP-PEAP/MSCHAPV2, 4-EAP-TTLS/EAP-MSCH APV2, 5 - EAP-PEAP/GTC, 6 - EAP-TTLS/EAP-GTC, 7 - EAP-FAST)	P8626	√	√	√
Network->Advanced-> 802.1X-> Identity	Number	Identity	P8627	√	√	√
Network->Advanced-> 802.1X-> MD5 Password	string	MD5 Password	P8628	√	√	√
Network->Advanced-> Local RTP Port-> Max Rtp Port	Number	Max Rtp Port(default is 5104)	P739	√	√	√
Network->Advanced-> Local RTP Port-> Min Rtp Port	Number	Min Rtp Port(default is 5004)	P39	√	√	√
Network->Advanced-> VQ RTCP Report-> RTCP Support	Number:0, 1	RTCP Support (0 – Disable, 1 - Enable) If Enabled, the phone will analyze RTP Info statistics, then report to Collector if needed	P20119	√	√	√
Network->Advanced-> VQ RTCP Report-> Voice Quality Report Collector	string	Voice Quality Report Collector: The SIP address of the RTCP Collector, e.g.: sip:account@sample.c om:8765	P20120	√	√	√

Network->Advanced-> VQ RTCP Report->RTCP-XR Report Format	string	RTCP-XR Report Format: The Format of Reported PUBLISH Info	P20121	√	√	√
Network->Advanced->Others-> STUN Server	String	STUN Server (url or ip:port)	P76	√	√	√
Network->Advanced->Others-> Keep-ative Interval	Number	Keep-ative Interval(seconds default:20)	P84	√	√	√
Network->Advanced-> Port Link -> WAN Port link speed	Number:0, 1,2,3,4,5	Port link speed. 0 - auto negotiate , 1 - 10M half duplex , 2 - 10M full duplex , 3 - 100M half duplex , 4 - 100M full duplex , 5 - 1000M full duplex	P20993	√	√	√
Network->Advanced-> Port Link -> PC Port Active	Number:0, 1	PC Port Active.0 - auto negotiate, 1 - Disable	P20991	√	√	√
Function Keys-> Line Key-> Line Label Length	Number:0, 1	Line Label Length.0 – Default, 1 – Long Label	P20479	×	√	√
Function Keys-> Line Key-> Line Page Indicator	Number:0, 1	Line Page Indicator.0 – Disable, 1 - Enable	P20478	×	√	√
Function Keys-> Line Key-> BLF list Mode	Number:0, 1	BLF list Mode.0 - Manually, 1 - Automatically	P24010	×	√	√
Function Keys-> Line Key-> Line key as cancel	Number:0, 1	Line key as cancel.0 - Disable, 1 - Enable	P24050	×	√	√
Function Keys-> Line Key-> Line key 1->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML	P41200	√	√	√

		Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Line Key-> Line key 1->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20600	√	√	√
Function Keys-> Line Key-> Line key 1-> Value	string	Value	P41300	√	√	√
Function Keys-> Line Key-> Line key 1->Label	String	Label	P41400	√	√	√
Function Keys-> Line Key-> Line key 1-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P41500	√	√	√
Function Keys-> Line Key-> Line key 1-> Extension	String	Extension	P41600	√	√	√
Function Keys-> Line Key-> Line key 2->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 -	P41201	√	√	√

		Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Line Key-> Line key 2->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20601	×	√	√
Function Keys-> Line Key-> Line key 2-> Value	string	Value	P41301	√	√	√
Function Keys-> Line Key-> Line key 2-> Label	String	Label	P41401	√	√	√
Function Keys-> Line Key-> Line key 2-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P41501	√	√	√

Function Keys-> Line Key-> Line key 2-> Extension	String	Extension	P41601	√	√	√
Function Keys-> Line Key-> Line key 3->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)	P41202	×	√	√
Function Keys-> Line Key-> Line key 3->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20602	×	√	√
Function Keys-> Line Key-> Line key 3-> Value	string	Value	P41302	×	√	√
Function Keys-> Line Key-> Line key 3-> Label	String	Label	P41402	×	√	√

Function Keys-> Line Key-> Line key 3-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P41502	×	√	√
Function Keys-> Line Key-> Line key 3-> Extension	String	Extension	P41602	×	√	√
Function Keys-> Line Key-> Line key 4->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)	P41203	×	√	√
Function Keys-> Line Key-> Line	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20603	×	√	√

key 4->Mode						
Function Keys-> Line Key-> Line key 4-> Value	string	Value	P41303	×	√	√
Function Keys-> Line Key-> Line key 4-> Label	String	Label	P41403	×	√	√
Function Keys-> Line Key-> Line key 4-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P41503	×	√	√
Function Keys-> Line Key-> Line key 4-> Extension	String	Extension	P41603	×	√	√
Function Keys-> Line Key-> Line key 5->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 –	P20200	×	√	√

		URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Line Key-> Line key 5->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20604	×	√	√
Function Keys-> Line Key-> Line key 5-> Value	string	Value	P20201	×	√	√
Function Keys-> Line Key-> Line key 5-> Label	String	Label	P20202	×	√	√
Function Keys-> Line Key-> Line key 5-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20203	×	√	√
Function Keys-> Line Key-> Line key 5->Extension	String	Extension	P20204	×	√	√
Function Keys-> Line Key-> Line key 6->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25	P20205	×	√	√

		- Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Line Key-> Line key 6->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20605	×	√	√
Function Keys-> Line Key-> Line key 6-> Value	string	Value	P20206	×	√	√
Function Keys-> Line Key-> Line key 6-> Label	String	Label	P20207	×	√	√
Function Keys-> Line Key-> Line key 6-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20208	×	√	√
Function Keys->Line Key-> Line key 6->Extension	String	Extension	P20209	×	√	√
Function Keys-> Line Key-> Line key 7->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP,	P20210	×	√	√

		16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Line Key-> Line key 7->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20606	×	√	√
Function Keys-> Line Key-> Line key 7-> Value	string	Value	P20211	×	√	√
Function Keys-> Line Key-> Line key 7-> Label	String	Label	P20212	×	√	√
Function Keys-> Line Key-> Line key 7-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P202013	×	√	√
Function Keys-> Line Key-> Line key 7->Extension	String	Extension	P20214	×	√	√
Function Keys-> Line Key-> Line key 8->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 -	P20215	×	√	√

		Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Line Key-> Line key 8->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20607	×	√	√
Function Keys-> Line Key-> Line key 8-> Value	string	Value	P20216	×	√	√
Function Keys-> Line Key-> Line key 8-> Label	String	Label	P20217	×	√	√
Function Keys-> Line Key-> Line key 8-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 –Account 5, 5 – Account 6	P20218	×	√	√

Function Keys-> Line Key-> Line key 8->Extension	String	Extension	P20219	×	√	√
Function Keys-> Line Key-> Line key 9->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)	P20220	×	√	√
Function Keys-> Line Key-> Line key 9->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20608	×	√	√
Function Keys-> Line Key-> Line key 9-> Value	string	Value	P20221	×	√	√
Function Keys-> Line Key-> Line key 9-> Label	String	Label	P20222	×	√	√

Function Keys-> Line Key-> Line key 9-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20223	×	√	√
Function Keys-> Line Key-> Line key 9->Extension	String	Extension	P20224	×	√	√
Function Keys-> Line Key-> Line key 10->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)	P20225	×	√	√
Function Keys-> Line Key-> Line	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20609	×	√	√

key 10->Mode						
Function Keys-> Line Key-> Line key 10-> Value	string	Value	P20226	×	√	√
Function Keys-> Line Key-> Line key 10-> Label	String	Label	P20227	×	√	√
Function Keys-> Line Key-> Line key 10-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20228	×	√	√
Function Keys-> Line Key-> Line key 10->Extension	String	Extension	P20229	×	√	√
Function Keys-> Line Key-> Line key 11->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 –	P20230	×	√	√

		URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Line Key-> Line key 11->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20610	×	√	√
Function Keys-> Line Key-> Line key 11-> Value	string	Value	P20231	×	√	√
Function Keys-> Line Key-> Line key 11-> Label	String	Label	P20232	×	√	√
Function Keys-> Line Key-> Line key 11-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20233	×	√	√
Function Keys-> Line Key-> Line key 11->Extension	String	Extension	P20234	×	√	√
Function Keys-> Line Key-> Line key 12->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25	P20235	×	√	√

		- Record, 26 – URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)		×	√	√
Function Keys-> Line Key-> Line key 12->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20611	×	√	√
Function Keys-> Line Key-> Line key 12-> Value	string	Value	P20236	×	√	√
Function Keys->Line Key-> Line key 12-> Label	String	Label	P20237	×	√	√
Function Keys-> Line Key-> Line key 12-> Account	Number:0, 1,2,3,4,5,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20238	×	√	√
Function Keys-> Line Key-> Line key 12->Extension	String	Extension	P20239	×	√	√
Function Keys-> Line Key-> Line key 13->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP,	P20240	×	√	√

		16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Line Key-> Line key 13->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20612	×	√	√
Function Keys-> Line Key-> Line key 13-> Value	string	Value	P20241	×	√	√
Function Keys-> Line Key-> Line key 13-> Label	String	Label	P20242	×	√	√
Function Keys-> Line Key-> Line key 13-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20243	×	√	√
Function Keys-> Line Key-> Line key 13->Extension	String	Extension	P20244	×	√	√
Function Keys-> Line Key-> Line key 14->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 -	P20245	×	√	√

		Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)			√	√
Function Keys-> Line Key-> Line key 14->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20613	×	√	√
Function Keys-> Line Key-> Line key 14-> Value	string	Value	P20246	×	√	√
Function Keys-> Line Key-> Line key 14-> Label	String	Label	P20247	×	√	√
Function Keys-> Line Key-> Line key 14-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20248	×	√	√

Function Keys-> Line Key-> Line key 14->Extension	String	Extension	P20249	×	√	√
Function Keys-> Line Key-> Line key 15->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)	P20250	×	√	√
Function Keys-> Line Key-> Line key 15->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20614	×	√	√
Function Keys-> Line Key-> Line key 15-> Value	string	Value	P20251	×	√	√
Function Keys-> Line Key-> Line key 15-> Label	String	Label	P20252	×	√	√

Function Keys-> Line Key-> Line key 15-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20253	×	√	√
Function Keys-> Line Key-> Line key 15->Extension	String	Extension	P20254	×	√	√
Function Keys-> Line Key-> Line key 16->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)	P20255	×	√	√
Function Keys-> Line Key-> Line	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20615	×	√	√

key 16->Mode						
Function Keys-> Line Key-> Line key 16-> Value	string	Value	P20256	×	√	√
Function Keys-> Line Key-> Line key 16-> Label	String	Label	P20257	×	√	√
Function Keys-> Line Key-> Line key 16-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20258	×	√	√
Function Keys-> Line Key-> Line key 16->Extension	String	Extension	P20259	×	√	√
Function Keys-> Line Key-> Line key 17->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 –	P20260	×	√	√

		URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Line Key-> Line key 17->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20616	×	√	√
Function Keys-> Line Key-> Line key 17-> Value	string	Value	P20261	×	√	√
Function Keys-> Line Key-> Line key 17-> Label	String	Label	P20262	×	√	√
Function Keys-> Line Key-> Line key 17-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20263	×	√	√
Function Keys-> Line Key-> Line key 17->Extension	String	Extension	P20264	×	√	√
Function Keys-> Line Key-> Line key 18->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25	P20265	×	√	√

		- Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Line Key-> Line key 18->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20617	×	√	√
Function Keys-> Line Key-> Line key 18-> Value	string	Value	P20266	×	√	√
Function Keys-> Line Key-> Line key 18-> Label	String	Label	P20267	×	√	√
Function Keys-> Line Key-> Line key 18-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20268	×	√	√
Function Keys-> Line Key-> Line key 18->Extension	String	Extension	P20269	×	√	√
Function Keys-> Line Key-> Line key 19->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network	P20270	×	√	√

		Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Line Key-> Line key 19->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20618	×	√	√
Function Keys-> Line Key-> Line key 19-> Value	string	Value	P20271	×	√	√
Function Keys-> Line Key-> Line key 19-> Label	String	Label	P20272	×	√	√
Function Keys-> Line Key-> Line key 19-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20273	×	√	√
Function Keys-> Line Key-> Line key 19->Extension	String	Extension	P20274	×	√	√
Function Keys-> Line Key-> Line key 20->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 -	P20275	×	√	√

		Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)			√	√
Function Keys-> Line Key-> Line key 20->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20619	×	√	√
Function Keys-> Line Key-> Line key 20-> Value	string	Value	P20276	×	√	√
Function Keys-> Line Key-> Line key 20-> Label	String	Label	P20277	×	√	√
Function Keys-> Line Key-> Line key 20-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20278	×	√	√
Function Keys-> Line Key-> Line	String	Extension	P20279	×	√	√

key 20->Extension						
Function Keys-> Line Key-> Line key 21->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)	P20280	×	√	√
Function Keys-> Line Key-> Line key 21->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20620	×	√	√
Function Keys-> Line Key-> Line key 21-> Value	string	Value	P20281	×	√	√
Function Keys-> Line Key-> Line key 21-> Label	String	Label	P20282	×	√	√
Function Keys-> Line Key-> Line	Number:0, 1,2,3,4,5,2	255 - Auto, 0 - Account 1, 1 -	P20283	×	√	√

key 21-> Account	55	Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6				
Function Keys-> Line Key-> Line key 21->Extension	String	Extension	P20284	×	√	√
Function Keys-> Line Key-> Line key 22->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)	P20285	×	√	√
Function Keys-> Line Key-> Line key 22->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20621	×	√	√

Function Keys-> Line Key-> Line key 22-> Value	string	Value	P20286	×	√	√
Function Keys-> Line Key-> Line key 22-> Label	String	Label	P20287	×	√	√
Function Keys-> Line Key-> Line key 22-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20288	×	√	√
Function Keys-> Line Key-> Line key 22->Extension	String	Extension	P20289	×	√	√
Function Keys-> Line Key-> Line key 23->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network	P20290	×	√	√

		Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Line Key-> Line key 23->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20622	×	√	√
Function Keys-> Line Key-> Line key 23-> Value	string	Value	P20291	×	√	√
Function Keys-> Line Key-> Line key 23-> Label	String	Label	P20292	×	√	√
Function Keys-> Line Key-> Line key 23-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20293	×	√	√
Function Keys-> Line Key-> Line key 23->Extension	String	Extension	P20294	×	√	√
Function Keys-> Line Key-> Line key 24->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL	P20295	×	√	√

		Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Line Key-> Line key 24->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20623	×	√	√
Function Keys-> Line Key-> Line key 24-> Value	string	Value	P20296	×	√	√
Function Keys-> Line Key-> Line key 24-> Label	String	Label	P20297	×	√	√
Function Keys-> Line Key-> Line key 24-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20298	×	√	√
Function Keys-> Line Key-> Line key 24->Extension	String	Extension	P20299	×	√	√
Function Keys-> Line Key-> Line key 25->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 Speeddial, 3 - BLF, 4 - BLF List, 5 Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 -	P20300	×	√	√

		Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys->Line Key-> Line key 25->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20624	×	√	√
Function Keys->Line Key-> Line key 25-> Value	string	Value	P20301	×	√	√
Function Keys->Line Key-> Line key 25-> Label	String	Label	P20302	×	√	√
Function Keys->Line Key-> Line key 25-> Account	Number:0, 1,2,3,4,5,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20303	×	√	√
Function Keys->Line Key-> Line key 25->Extension	String	Extension	P20304	×	√	√
Function Keys->Line Key-> Line key 26->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 -	P20305	×	√	√

		Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				√
Function Keys-> Line Key-> Line key 26->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20625	×	√	√
Function Keys-> Line Key-> Line key 26-> Value	string	Value	P20306	×	√	√
Function Keys-> Line Key-> Line key 26-> Label	String	Label	P20307	×	√	√
Function Keys-> Line Key-> Line key 26-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20308	×	√	√
Function Keys-> Line Key-> Line key 26->Extension	String	Extension	P20309	×	√	√

Function Keys-> Line Key-> Line key 27->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)	P20310	×	√	√
Function Keys-> Line Key-> Line key 27->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20626	×	√	√
Function Keys-> Line Key-> Line key 27-> Value	string	Value	P20311	×	√	√
Function Keys-> Line Key-> Line key 27-> Label	String	Label	P20312	×	√	√
Function Keys-> Line Key-> Line key 27-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 -	P20313	×	√	√

		Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6				√
Function Keys-> Line Key-> Line key 27->Extension	String	Extension	P20314	×	√	√
Function Keys-> Line Key-> Line key 28->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)	P20315	×	√	√
Function Keys-> Line Key-> Line key 28->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20627	×	√	√
Function Keys-> Line Key-> Line	string	Value	P20316	×	√	√

key 28-> Value						
Function Keys-> Line Key-> Line key 28-> Label	String	Label	P20317	×	√	√
Function Keys-> Line Key-> Line key 28-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20318	×	√	√
Function Keys-> Line Key-> Line key 28->Extension	String	Extension	P20319	×	√	√
Function Keys-> Line Key-> Line key 29->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group	P20320	×	×	√

		Call Park, 52 - CallPark Retrieve)				
Function Keys-> Line Key-> Line key 29->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20628	×	×	√
Function Keys-> Line Key-> Line key 29-> Value	string	Value	P20321	×	×	√
Function Keys-> Line Key-> Line key 29-> Label	String	Label	P20322	×	×	√
Function Keys-> Line Key-> Line key 29-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20323	×	×	√
Function Keys-> Line Key-> Line key 29->Extension	String	Extension	P20324	×	×	√
Function Keys-> Line Key-> Line key 30->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening,	P20325	×	×	√

		29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Line Key-> Line key 30->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20629	×	×	√
Function Keys-> Line Key-> Line key 30-> Value	string	Value	P20326	×	×	√
Function Keys-> Line Key-> Line key 30-> Label	String	Label	P20327	×	×	√
Function Keys-> Line Key-> Line key 30-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20328	×	×	√
Function Keys-> Line Key-> Line key 30->Extension	String	Extension	P20329	×	×	√
Function Keys-> Line Key-> Line key 31->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 -	P20330	×	×	√

		Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Line Key-> Line key 31->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20630	×	×	√
Function Keys-> Line Key-> Line key 31-> Value	string	Value	P20331	×	×	√
Function Keys-> Line Key-> Line key 31-> Label	String	Label	P20332	×	×	√
Function Keys->Line Key-> Line key 31-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20333	×	×	√
Function Keys-> Line Key-> Line key 31->Extension	String	Extension	P20334	×	×	√
Function Keys-> Line Key-> Line key 32->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local	P20335	×	×	√

		Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Line Key-> Line key 32->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20631	×	×	√
Function Keys-> Line Key-> Line key 32-> Value	string	Value	P20336	×	×	√
Function Keys-> Line Key-> Line key 32-> Label	String	Label	P20337	×	×	√
Function Keys-> Line Key-> Line key 32-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20338	×	×	√
Function Keys-> Line Key-> Line key 32-> Extension	String	Extension	P20339	×	×	√

Function Keys-> Line Key-> Line key 33->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)	P20340	×	×	√
Function Keys-> Line Key-> Line key 33->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20632	×	×	√
Function Keys-> Line Key-> Line key 33-> Value	string	Value	P20341	×	×	√
Function Keys-> Line Key-> Line key 33-> Label	String	Label	P20342	×	×	√
Function Keys-> Line Key-> Line key 33-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 -	P20343	×	×	√

		Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6				
Function Keys-> Line Key-> Line key 33->Extension	String	Extension	P20344	×	×	√
Function Keys-> Line Key-> Line key 34->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)	P20345	×	×	√
Function Keys-> Line Key-> Line key 34->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20633	×	×	√
Function Keys-> Line Key-> Line	string	Value	P20346	×	×	√

key 34-> Value						
Function Keys-> Line Key-> Line key 34-> Label	String	Label	P20347	×	×	√
Function Keys-> Line Key-> Line key 34-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20348	×	×	√
Function Keys-> Line Key-> Line key 34->Extension	String	Extension	P20349	×	×	√
Function Keys-> Line Key-> Line key 35->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group	P20350	×	×	√

		Call Park, 52 - CallPark Retrieve)				
Function Keys-> Line Key-> Line key 35->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20634	×	×	√
Function Keys-> Line Key-> Line key 35-> Value	string	Value	P20351	×	×	√
Function Keys-> Line Key-> Line key 35-> Label	String	Label	P20352	×	×	√
Function Keys-> Line Key-> Line key 35-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20353	×	×	√
Function Keys-> Line Key-> Line key 35->Extension	String	Extension	P20354	×	×	√
Function Keys-> Line Key-> Line key 36->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening,	P20355	×	×	√

		29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Line Key-> Line key 36->Mode	Number: 0-3	Mode.0 – Deafult, 1 – Lock, 2 - Float	P20635	×	×	√
Function Keys-> Line Key-> Line key 36-> Value	string	Value	P20356	×	×	√
Function Keys-> Line Key-> Line key 36-> Label	String	Label	P20357	×	×	√
Function Keys-> Line Key-> Line key 36-> Account	Number:0, 1,2,3,4,5,2 55	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4, 4 – Account 5, 5 – Account 6	P20358	×	×	√
Function Keys-> Line Key-> Line key 36->Extension	String	Extension	P20359	×	×	√
Function Keys-> Memory Key -> Memory key 1->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 -	P42200	×	×	×

		Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Memory Key -> Memory key 1-> Value	string	Value	P42300	×	×	×
Function Keys-> Memory Key -> Memory key 1-> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P42400	×	×	×
Function Keys-> Memory Key -> Memory key 1-> Extension	String	Extension	P42500	×	×	×
Function Keys-> Memory Key -> Memory key 2->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 -	P42201	×	×	×

		Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Memory Key -> Memory key 2-> Value	string	Value	P42301	×	×	×
Function Keys-> Memory Key -> Memory key 2-> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P42401	×	×	×
Function Keys-> Memory Key -> Memory key 2-> Extension	String	Extension	P42501	×	×	×
Function Keys-> Memory Key -> Memory key 3->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 -	P42202	×	×	×

		Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Memory Key -> Memory key 3-> Value	string	Value	P42302	×	×	×
Function Keys-> Memory Key -> Memory key 3-> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P42402	×	×	×
Function Keys-> Memory Key -> Memory key 3-> Extension	String	Extension	P42502	×	×	×
Function Keys-> Memory Key -> Memory key 4->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network	P42203	×	×	×

		Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Memory Key -> Memory key 4-> Value	string	Value	P42303	×	×	×
Function Keys-> Memory Key -> Memory key 4-> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P42403	×	×	×
Function Keys-> Memory Key -> Memory key 4-> Extension	String	Extension	P42503	×	×	×
Function Keys-> Memory Key -> Memory key 5->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP,	P42204	×	×	×

		16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Memory Key -> Memory key 5-> Value	string	Value	P42304	×	×	×
Function Keys-> Memory Key -> Memory key 5-> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P42404	×	×	×
Function Keys-> Memory Key -> Memory key 5-> Extension	String	Extension	P42504	×	×	×
Function Keys-> Memory Key -> Memory key 6->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML	P42205	×	×	×

		Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Memory Key -> Memory key 6-> Value	string	Value	P42305	×	×	×
Function Keys-> Memory Key -> Memory key 6-> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P42405	×	×	×
Function Keys-> Memory Key -> Memory key 6-> Extension	String	Extension	P42505	×	×	×
Function Keys-> Memory Key -> Memory key 7->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML	P42206	×	×	×

		Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Memory Key -> Memory key 7-> Value	string	Value	P42306	×	×	×
Function Keys-> Memory Key -> Memory key 7-> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P42406	×	×	×
Function Keys-> Memory Key -> Memory key 7-> Extension	String	Extension	P42506	×	×	×
Function Keys-> Memory Key -> Memory key 8->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local	P42207	×	×	×

		Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Memory Key -> Memory key 8-> Value	string	Value	P42307	×	×	×
Function Keys-> Memory Key -> Memory key 8-> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P42407	×	×	×
Function Keys-> Memory Key -> Memory key 8-> Extension	String	Extension	P42507	×	×	×
Function Keys-> Memory Key -> Memory key 9->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF,	P42208	×	×	×

		11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Memory Key -> Memory key 9-> Value	string	Value	P42308	×	×	×
Function Keys-> Memory Key -> Memory key 9-> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P42408	×	×	×
Function Keys-> Memory Key -> Memory key 9-> Extension	String	Extension	P42508	×	×	×
Function Keys-> Memory Key -> Memory key 10->Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 -	P42209	×	×	×

		Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys-> Memory Key -> Memory key 10-> Value	string	Value	P42309	×	×	×
Function Keys-> Memory Key -> Memory key 10-> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P42409	×	×	×
Function Keys-> Memory Key -> Memory key 10-> Extension	String	Extension	P42509	×	×	×
Function Keys-> Programmable key-> softkey1->Type	Number:0, 2,6,7,9,12, 13,14,16,1 8,21,22,23, 24,36,37,3 8,39,40,41,	Type(0 - N/A, 2 - Speed Dial, 6 - Direct Pickup,7 - Group Pickup, 9 - Intercom, 12 - Local Group, 13 - XML Group,14 - XML	P43200	√	√	√

	42,43,44,4 5,46,52	Browser, 16 - Network Directories, 18 - Forward, 21 – DND, 22 - Redial, 23 - Call Return, 24 - SMS,36 - History, 37 - Directory, 38 - Menu, 39 - NewSMS, 40 - Status, 41 - Switch Account Up, 42 - Switch Account Down, 43 - Local Phone Book, 44 - Network Group, 45 - XML Phone Book, 46 - NetWork Call Log, 52 - CallPark Retrieve				
Function Keys-> Programmable key-> softkey1-> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P43300	√	√	√
Function Keys-> Programmable key-> softkey1-> Value	String	Value	P43400	√	√	√
Function Keys-> Programmable key-> softkey2->Type	Number:0, 2,6,7,9,12, 13,14,16,1 8,21,22,23, 24,36,37,3 8,39,40,41, 42,43,44,4 5,46,52	Type(0 - N/A, 2 - Speed Dial, 6 - Direct Pickup,7 - Group Pickup, 9 - Intercom, 12 - Local Group, 13 - XML Group,14 - XML Browser, 16 - Network Directories, 18 - Forward, 21 – DND, 22 - Redial, 23 - Call Return, 24 - SMS,36 - History, 37 - Directory, 38 - Menu, 39 - NewSMS, 40 - Status, 41 - Switch Account Up, 42 - Switch Account	P43201	√	√	√

		Down, 43 - Local Phone Book, 44 - Network Group, 45 - XML Phone Book, 46 - NetWork Call Log, 52 - CallPark Retrieve				
Function Keys-> Programmable key-> softkey2-> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P43301	√	√	√
Function Keys-> Programmable key-> softkey2-> Value	String	Value	P43401	√	√	√
Function Keys-> Programmable key-> softkey3->Type	Number:0, 2,6,7,9,12, 13,14,16,1 8,21,22,23, 24,36,37,3 8,39,40,41, 42,43,44,4 5,46,52	Type(0 - N/A, 2 - Speed Dial, 6 - Direct Pickup,7 - Group Pickup, 9 - Intercom, 12 - Local Group, 13 - XML Group,14 - XML Browser, 16 - Network Directories, 18 - Forward, 21 – DND, 22 - Redial, 23 - Call Return, 24 - SMS,36 - History, 37 - Directory, 38 - Menu, 39 - NewSMS, 40 - Status, 41 - Switch Account Up, 42 - Switch Account Down, 43 - Local Phone Book, 44 - Network Group, 45 - XML Phone Book, 46 - NetWork Call Log, 52 - CallPark Retrieve	P43202	√	√	√
Function Keys-> Programmable key-> softkey3-> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 -	P43302	√	√	√

		Account 4				
Function Keys-> Programmable key-> softkey3-> Value	String	Value	P43402	√	√	√
Function Keys-> Programmable key-> softkey4->Type	Number:0, 2,6,7,9,12, 13,14,16,1 8,21,22,23, 24,36,37,3 8,39,40,41, 42,43,44,4 5,46,52	Type(0 - N/A, 2 - Speed Dial, 6 - Direct Pickup,7 - Group Pickup, 9 - Intercom, 12 - Local Group, 13 - XML Group,14 - XML Browser, 16 - Network Directories, 18 - Forward, 21 – DND, 22 - Redial, 23 - Call Return, 24 - SMS,36 - History, 37 - Directory, 38 - Menu, 39 - NewSMS, 40 - Status, 41 - Switch Account Up, 42 - Switch Account Down, 43 - Local Phone Book, 44 - Network Group, 45 - XML Phone Book, 46 - NetWork Call Log, 52 - CallPark Retrieve	P43203	√	√	√
Function Keys-> Programmable key-> softkey4-> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P43303	√	√	√
Function Keys-> Programmable key-> softkey4-> Value	String	Value	P43403	√	√	√
Function Keys-> Programmable key-> Up->Type	Number:0, 2,6,7,9,12, 13,14,16,1 8,21,22,23, 24,36,37,3 8,39,40,41,	Type(0 - N/A, 2 - Speed Dial, 6 - Direct Pickup,7 - Group Pickup, 9 - Intercom, 12 - Local Group, 13 - XML Group,14 - XML	P43204	√	√	√

	42,43,44,45,46,52	Browser, 16 - Network Directories, 18 - Forward, 21 – DND, 22 - Redial, 23 - Call Return, 24 - SMS,36 - History, 37 - Directory, 38 - Menu, 39 - NewSMS, 40 - Status, 41 - Switch Account Up, 42 - Switch Account Down, 43 - Local Phone Book, 44 -Network Group, 45 - XML Phone Book, 46 - NetWork Call Log)				
Function Keys-> Programmable key-> Up -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P43304	√	√	√
Function Keys-> Programmable key-> Up -> Value	String	Value	P43404	√	√	√
Function Keys-> Programmable key-> Down->Type	Number:0, 2,6,7,9,12, 13,14,16,18,21,22,23, 24,36,37,38,39,40,41, 42,43,44,45,46,52	Type(0 - N/A, 2 - Speed Dial, 6 - Direct Pickup,7 - Group Pickup, 9 - Intercom, 12 - Local Group, 13 - XML Group,14 - XML Browser, 16 - Network Directories, 18 - Forward, 21 – DND, 22 - Redial, 23 - Call Return, 24 - SMS,36 - History, 37 - Directory, 38 - Menu, 39 - NewSMS, 40 - Status, 41 - Switch Account Up, 42 - Switch Account Down, 43 - Local Phone Book, 44 -Network Group, 45 -	P43205	√	√	√

		XML Phone Book, 46 - NetWork Call Log)				
Function Keys-> Programmable key-> Down -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P43305	√	√	√
Function Keys-> Programmable key-> Down -> Value	String	Value	P43405	√	√	√
Function Keys-> Programmable key-> Left->Type	Number:0, 2,6,7,9,12, 13,14,16,1 8,21,22,23, 24,36,37,3 8,39,40,41, 42,43,44,4 5,46,52	Type(0 - N/A, 2 - Speed Dial, 6 - Direct Pickup,7 - Group Pickup, 9 - Intercom, 12 - Local Group, 13 - XML Group,14 - XML Browser, 16 - Network Directories, 18 - Forward, 21 – DND, 22 - Redial, 23 - Call Return, 24 - SMS,36 - History, 37 - Directory, 38 - Menu, 39 - NewSMS, 40 - Status, 41 - Switch Account Up, 42 - Switch Account Down, 43 - Local Phone Book, 44 -Network Group, 45 - XML Phone Book, 46 - NetWork Call Log)	P43206	√	√	√
Function Keys-> Programmable key-> Left -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P43306	√	√	√
Function Keys-> Programmable key-> Left -> Value	String	Value	P43406	√	√	√
Function Keys-> Programmable	Number:0, 2,6,7,9,12,	Type(0 - N/A, 2 - Speed Dial, 6 - Direct	P43207	√	√	√

key-> Right->Type	13,14,16,1 8,21,22,23, 24,36,37,3 8,39,40,41, 42,43,44,4 5,46,52	Pickup,7 - Group Pickup, 9 - Intercom, 12 - Local Group, 13 - XML Group,14 - XML Browser, 16 - Network Directories, 18 - Forward, 21 – DND, 22 - Redial, 23 - Call Return, 24 - SMS,36 - History, 37 - Directory, 38 - Menu, 39 - NewSMS, 40 - Status, 41 - Switch Account Up, 42 - Switch Account Down, 43 - Local Phone Book, 44 -Network Group, 45 - XML Phone Book, 46 - NetWork Call Log)				
Function Keys-> Programmable key-> Right -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P43307	√	√	√
Function Keys-> Programmable key-> Right -> Value	String	Value	P43407	√	√	√
Function Keys-> Programmable key-> Ok->Type	Number:0, 2,6,7,9,12, 13,14,16,1 8,21,22,23, 24,36,37,3 8,39,40,41, 42,43,44,4 5,46,52	Type(0 - N/A, 2 - Speed Dial, 6 - Direct Pickup,7 - Group Pickup, 9 - Intercom, 12 - Local Group, 13 - XML Group,14 - XML Browser, 16 - Network Directories, 18 - Forward, 21 – DND, 22 - Redial, 23 - Call Return, 24 - SMS,36 - History, 37 - Directory, 38 - Menu, 39 - NewSMS, 40 - Status, 41 -	P43208	√	√	√

		Switch Account Up, 42 - Switch Account Down, 43 - Local Phone Book, 44 -Network Group, 45 - XML Phone Book, 46 - NetWork Call Log)				
Function Keys-> Programmable key-> Ok -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P43308	√	√	√
Function Keys-> Programmable key-> Ok -> Value	String	Value	P43408	√	√	√
Function Keys-> Programmable key-> Cancel->Type	Number:0, 2,6,7,9,12, 13,14,16,1 8,21,22,23, 24,36,37,3 8,39,40,41, 42,43,44,4 5,46,52	Type(0 - N/A, 2 - Speed Dial, 6 - Direct Pickup,7 - Group Pickup, 9 - Intercom, 12 - Local Group, 13 - XML Group,14 - XML Browser, 16 - Network Directories, 18 - Forward, 21 – DND, 22 - Redial, 23 - Call Return, 24 - SMS,36 - History, 37 - Directory, 38 - Menu, 39 - NewSMS, 40 - Status, 41 - Switch Account Up, 42 - Switch Account Down, 43 - Local Phone Book, 44 -Network Group, 45 - XML Phone Book, 46 - NetWork Call Log)	P43209	√	√	√
Function Keys-> Programmable key-> Cancel -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P43309	√	√	√
Function Keys-> Programmable	String	Value	P43409	√	√	√

key-> Cancel -> Value						
Function Keys-> Programmable key-> MUTE->Type	Number:0, 2,6,7,9,12, 13,14,16,1 8,21,22,23, 24,36,37,3 8,39,40,41, 42,43,44,4 5,46,52	Type(0 - N/A, 2 - Speed Dial, 6 - Direct Pickup,7 - Group Pickup, 9 - Intercom, 12 - Local Group, 13 - XML Group,14 - XML Browser, 16 - Network Directories, 18 - Forward, 21 – DND, 22 - Redial, 23 - Call Return, 24 - SMS,36 - History, 37 - Directory, 38 - Menu, 39 - NewSMS, 40 - Status, 41 - Switch Account Up, 42 - Switch Account Down, 43 - Local Phone Book, 44 -Network Group, 45 - XML Phone Book, 46 - NetWork Call Log)	P43212	√	√	√
Function Keys-> Programmable key-> MUTE -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P43312	√	√	√
Function Keys-> Programmable key-> MUTE -> Value	String	Value	P43412	√	√	√
Function Keys-> Programmable key-> CONF->Type	Number:0, 2,6,7,9,12, 13,14,16,1 8,21,22,23, 24,36,37,3 8,39,40,41, 42,43,44,4 5,46,52	Type(0 - N/A, 2 - Speed Dial, 6 - Direct Pickup,7 - Group Pickup, 9 - Intercom, 12 - Local Group, 13 - XML Group,14 - XML Browser, 16 - Network Directories, 18 - Forward, 21 – DND, 22 - Redial, 23 - Call Return, 24 -	P43210	×	√	√

		SMS,36 - History, 37 - Directory, 38 - Menu, 39 - NewSMS, 40 - Status, 41 - Switch Account Up, 42 - Switch Account Down, 43 - Local Phone Book, 44 -Network Group, 45 - XML Phone Book, 46 - NetWork Call Log)				
Function Keys-> Programmable key-> CONF-> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P43310	×	√	√
Function Keys-> Programmable key-> CONF-> Value	String	Value	P43410	×	√	√
Function Keys-> Programmable key-> TRAN->Type	Number:0, 2,6,7,9,12, 13,14,16,1 8,21,22,23, 24,36,37,3 8,39,40,41, 42,43,44,4 5,46,52	Type(0 - N/A, 2 - Speed Dial, 6 - Direct Pickup,7 - Group Pickup, 9 - Intercom, 12 - Local Group, 13 - XML Group,14 - XML Browser, 16 - Network Directories, 18 - Forward, 21 – DND, 22 - Redial, 23 - Call Return, 24 - SMS,36 - History, 37 - Directory, 38 - Menu, 39 - NewSMS, 40 - Status, 41 - Switch Account Up, 42 - Switch Account Down, 43 - Local Phone Book, 44 -Network Group, 45 - XML Phone Book, 46 - NetWork Call Log)	P43213	√	√	√
Function Keys-> Programmable	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 -	P43313	√	√	√

key-> TRAN-> Account		Account 2, 2 - Account 3, 3 - Account 4				
Function Keys-> Programmable key-> TRAN-> Value	String	Value	P43413	√	√	√
Function Keys-> Programmable key-> HOLD->Type	Number:0, 2,6,7,9,12, 13,14,16,1 8,21,22,23, 24,36,37,3 8,39,40,41, 42,43,44,4 5,46,52	Type(0 - N/A, 2 - Speed Dial, 6 - Direct Pickup,7 - Group Pickup, 9 - Intercom, 12 - Local Group, 13 - XML Group,14 - XML Browser, 16 - Network Directories, 18 - Forward, 21 – DND, 22 - Redial, 23 - Call Return, 24 - SMS,36 - History, 37 - Directory, 38 - Menu, 39 - NewSMS, 40 - Status, 41 - Switch Account Up, 42 - Switch Account Down, 43 - Local Phone Book, 44 -Network Group, 45 - XML Phone Book, 46 - NetWork Call Log)	P43211	×	√	√
Function Keys-> Programmable key-> HOLD -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P43311	×	√	√
Function Keys-> Programmable key-> HOLD -> Value	String	Value	P43411	×	√	√
Function Keys-> Programmable key-> Speaker->Type	Number:0, 1	0 - N/A, 1 - Speaker	P43214	×	√	√
Function Keys-> Programmable	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 -	P43314	×	√	√

key->Speaker->Account		Account 2, 2 - Account 3, 3 - Account 4				
Function Keys-> Programmable key->Speaker-> Value	String	Value	P43414	×	√	√
Function Keys-> Programmable key-> Headset->Type	Number:0, 1	0 - N/A, 1 - Headset	P43215	×	√	√
Function Keys-> Programmable key->Headset-> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P43315	×	√	√
Function Keys-> Programmable key->Headset-> Value	String	Value	P43416	×	√	√
Function Keys-> Programmable key-> VM->Type	Number:0, 1	0 - N/A, 1 - VM	P43216	×	√	√
Function Keys-> Programmable key->VM-> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P43316	×	√	√
Function Keys-> Programmable key->VM-> Value	String	Value	P43417	×	√	√
Function Keys-> Programmable key->Volume Up-> Type	Number:0, 1	0 - N/A, 1 -Volume Up	P43218	×	√	√
Function Keys-> Programmable key->Volume Up-> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P43318	×	√	√
Function Keys-> Programmable key->Volume Up->	String	Value	P43419	×	√	√

Value						
Function Keys-> Programmable key->Volume Down -> Type	Number:0, 1	0- N/A, 1 -Volume Down	P43219	×	√	√
Function Keys-> Programmable key->Volume Down -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P43319	×	√	√
Function Keys-> Programmable key->Volume Down -> Value	String	Value	P43420	×	√	√
Function Keys->EXP KEY -> Expansion1 ->page1 -> key 1 -> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network	P60000	×	√	√

		Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 1 -> Value	string	Value	P60001	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 1 -> Label	string	Label	P60002	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 1 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60003	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 1-> Extension	String	Extension	P60004	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 2 -> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25	P60005	×	√	√

		- Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 2 -> Value	string	Value	P60006	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 2 -> Label	string	Label	P60007	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 2 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60008	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 2-> Extension	String	Extension	P60009	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 3 -> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP,	P60010	×	√	√

		16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 3 -> Value	string	Value	P60011	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 3 -> Label	string	Label	P60012	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 3 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60013	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 3-> Extension	String	Extension	P60014	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 4	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 -	P60015	×	√	√

-> Type		Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)			√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 4 -> Value	string	Value	P60016	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 4 -> Label	string	Label	P60017	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 4 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60018	×	√	√

Function Keys->EXP KEY -> Expansion1 -> page1 ->key 4-> Extension	String	Extension	P60019	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 5 -> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)	P60020	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 5 ->-> Value	string	Value	P60021	×	√	√
Function Keys->EXP KEY	string	Label	P60022	×	√	√

-> Expansion1 -> page1 ->key 5 -> Label						
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 5 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60023	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 5-> Extension	String	Extension	P60024	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 6 -> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 -	P60025	×	√	√

		CallPark Retrieve)				
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 6 -> Value	string	Value	P60026	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 6 -> Label	string	Label	P60027	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 6 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60028	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 6-> Extension	String	Extension	P60029	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 7 -> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening,	P60030	×	√	√

		29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 7 -> Value	string	Value	P60031	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 7 -> Label	string	Label	P60032	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 7 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60033	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 7-> Extension	String	Extension	P60034	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 8 -> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 -	P60035	×	√	√

		Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 8 -> Value	string	Value	P60036	×	√	√
Function Keys->EXP KEY -> Expansion1 ->key 8 ->-> Label	string	Label	P60037	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 8 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60038	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 8-> Extension	String	Extension	P60039	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 9 -> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF,	P60040	×	√	√

		11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 9 -> Value	string	Value	P60041	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 9 -> Label	string	Label	P60042	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 9 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60043	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 9-> Extension	String	Extension	P60044	×	√	√

Function Keys->EXP KEY -> Expansion1 -> page1 ->key 10-> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)	P60045	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 10 -> Value	string	Value	P60046	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 10 -> Label	string	Label	P60047	×	√	√
Function Keys->EXP KEY	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 -	P60048	×	√	√

-> Expansion1 -> page1 ->key 10 -> Account		Account 2, 2 - Account 3, 3 - Account 4				
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 10-> Extension	String	Extension	P60049	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 11-> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)	P60050	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 11	string	Value	P60051	×	√	√

-> Value						
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 11 -> Label	string	Label	P60052	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 11 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60053	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 11-> Extension	String	Extension	P60054	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 12-> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 -　Speeddial, 3 - BLF, 4 - BLF List, 5 -　Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 -　Call Return, 24 – SMS, 25 - Record, 26 -　URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network	P60055	×	√	√

		Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 12 -> Value	string	Value	P60056	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 12 -> Label	string	Label	P60057	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 12 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60058	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 12-> Extension	String	Extension	P60059	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 13-> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25	P60060	×	√	√

		- Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 13 -> Value	string	Value	P60061	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 13 -> Label	string	Label	P60062	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 13 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60063	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 13-> Extension	String	Extension	P60064	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 14-> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP,	P60065	×	√	√

		16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 14 -> Value	string	Value	P60066	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 14 -> Label	string	Label	P60067	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 14 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60068	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 14-> Extension	String	Extension	P60069	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 -	P60070	×	√	√

15-> Type		Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)			√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 15 -> Value	string	Value	P60071	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 15 -> Label	string	Label	P60072	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 15 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60073	×	√	√

Function Keys->EXP KEY -> Expansion1 -> page1 ->key 15-> Extension	String	Extension	P60074	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 16-> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)	P60075	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 16 -> Value	string	Value	P60076	×	√	√
Function Keys->EXP KEY	string	Label	P60077	×	√	√

-> Expansion1 -> page1 ->key 16 -> Label						
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 16 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60078	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 16-> Extension	String	Extension	P60079	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 17-> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 -	P60080	×	√	√

		CallPark Retrieve)				
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 17 -> Value	string	Value	P60081	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 17 -> Label	string	Label	P60082	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 17 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60083	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 17-> Extension	String	Extension	P60084	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 18-> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening,	P60085	×	√	√

		29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 18 -> Value	string	Value	P60086	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 18 -> Label	string	Label	P60087	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 18 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60088	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 18-> Extension	String	Extension	P60089	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 19-> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 -	P60090	×	√	√

		Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)					
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 19 -> Value	string	Value	P60091	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 19 -> Label	string	Label	P60092	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 19 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60093	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 19-> Extension	String	Extension	P60094	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 20-> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 -	P60095	×	√	√

		Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 20 -> Value	string	Value	P60096	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 20 -> Label	string	Label	P60097	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key 20 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60098	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page1 ->key	String	Extension	P60099	×	√	√

20-> Extension						
Function Keys->EXP KEY -> Expansion1 ->page2 -> key 1 -> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)	P60100	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 1 -> Value	string	Value	P60101	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 1 -> Label	string	Label	P60102	×	√	√

Function Keys->EXP KEY -> Expansion1 -> page2 ->key 1 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60103	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 1-> Extension	String	Extension	P60104	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 2 -> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)	P60105	×	√	√
Function Keys->EXP KEY	string	Value	P60106	×	√	√

-> Expansion1 -> page2 ->key 2 -> Value						
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 2 -> Label	string	Label	P60107	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 2 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60108	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 2-> Extension	String	Extension	P60109	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 3 -> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD,	P60110	×	√	√

		34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 3 -> Value	string	Value	P60111	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 3 -> Label	string	Label	P60112	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 3 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60113	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 3-> Extension	String	Extension	P60114	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 4 -> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 -	P60115	×	√	√

		Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 4 -> Value	string	Value	P60116	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 4 -> Label	string	Label	P60117	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 4 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60118	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 4-> Extension	String	Extension	P60119	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 5 -> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML	P60120	×	√	√

		Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 5 ->-> Value	string	Value	P60121	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 5 -> Label	string	Label	P60122	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 5 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60123	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 5-> Extension	String	Extension	P60124	×	√	√
Function Keys->EXP KEY	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial,	P60125	×	√	√

-> Expansion1 -> page2 ->key 6 -> Type		3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 6 -> Value	string	Value	P60126	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 6 -> Label	string	Label	P60127	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 6	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 -	P60128	×	√	√

-> Account		Account 4				
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 6-> Extension	String	Extension	P60129	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 7 -> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)	P60130	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 7 -> Value	string	Value	P60131	×	√	√

Function Keys->EXP KEY -> Expansion1 -> page2 ->key 7 -> Label	string	Label	P60132	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 7 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60133	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 7-> Extension	String	Extension	P60134	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 8 -> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast	P60135	×	√	√

		Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 8 -> Value	string	Value	P60136	×	√	√
Function Keys->EXP KEY -> Expansion1 ->page2 -> key 8 -> Label	string	Label	P60137	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 8 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60138	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 8-> Extension	String	Extension	P60139	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 9 -> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL	P60140	×	√	√

		Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 9 -> Value	string	Value	P60141	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 9 -> Label	string	Label	P60142	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 9 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60143	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 9-> Extension	String	Extension	P60144	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 10-> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network	P60145	×	√	√

![Htek logo]

		Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 10 -> Value	string	Value	P60146	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 10 -> Label	string	Label	P60147	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 10 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60148	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 10-> Extension	String	Extension	P60149	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 11-> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 -	P60150	×	√	√

		Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 11 -> Value	string	Value	P60151	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 11 -> Label	string	Label	P60152	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 11 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60153	×	√	√
Function Keys->EXP KEY	String	Extension	P60154	×	√	√

-> Expansion1 -> page2 ->key 11-> Extension						
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 12-> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)	P60155	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 12 -> Value	string	Value	P60156	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 12	string	Label	P60157	×	√	√

-> Label						
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 12 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60158	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 12-> Extension	String	Extension	P60159	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 13-> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)	P60160	×	√	√

Function Keys->EXP KEY -> Expansion1 -> page2 ->key 13 -> Value	string	Value	P60161	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 13 -> Label	string	Label	P60162	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 13 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60163	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 13-> Extension	String	Extension	P60164	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 14-> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 -	P60165	×	√	√

		Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 14 -> Value	string	Value	P60166	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 14 -> Label	string	Label	P60167	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 14 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60168	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 14-> Extension	String	Extension	P60169	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 15-> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 -	P60170	×	√	√

		Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 15 -> Value	string	Value	P60171	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 15 -> Label	string	Label	P60172	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 15 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60173	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 15-> Extension	String	Extension	P60174	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 16-> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF,	P60175	×	√	√

		11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 16 -> Value	string	Value	P60176	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 16 -> Label	string	Label	P60177	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 16 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60178	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 16-> Extension	String	Extension	P60179	×	√	√

Function Keys->EXP KEY -> Expansion1 -> page2 ->key 17-> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)	P60180	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 17 -> Value	string	Value	P60181	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 17 -> Label	string	Label	P60182	×	√	√
Function Keys->EXP KEY	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 -	P60183	×	√	√

-> Expansion1 -> page2 ->key 17 -> Account		Account 2, 2 - Account 3, 3 - Account 4				
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 17-> Extension	String	Extension	P60184	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 18-> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)	P60185	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 18	string	Value	P60186	×	√	√

-> Value						
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 18 -> Label	string	Label	P60187	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 18 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60188	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 18-> Extension	String	Extension	P60189	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 19-> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25 - Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network	P60190	×	√	√

		Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 19 -> Value	string	Value	P60191	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 19 -> Label	string	Label	P60192	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 19 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60193	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 19-> Extension	String	Extension	P60194	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 20-> Type	Number: 0-52	Key Type(0 -N/A, 1 - Line, 2 - Speeddial, 3 - BLF, 4 - BLF List, 5 - Voicemail, 6 - Direct Pickup, 7 - Group Pickup, 8 - Call Park, 9 - Intercom, 10 - DTMF, 11 - Frefix, 12 - Local Group, 13 - XML Group, 14 - XML Browser, 15 - LDAP, 16 - Network Directories, 17 - Conference, 18 - Forward, 19 - Transfer, 20 – Hold, 21 - DND, 22 - Redial, 23 - Call Return, 24 – SMS, 25	P60195	×	√	√

		- Record, 26 - URL Record, 27 – Paging, 28 - Group Listening, 29 - Public Hold, 30 - Private Hold, 32 - Hot Desking, 33 - ACD, 34 - Zero Touch, 35 – URL, 44 - Network Group, 47 - MultiCast Paging, 51 - Group Call Park, 52 - CallPark Retrieve)				
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 20 -> Value	string	Value	P60196	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 20 -> Label	string	Label	P60197	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 20 -> Account	Number:0, 1,2,3,255	255 - Auto, 0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4	P60198	×	√	√
Function Keys->EXP KEY -> Expansion1 -> page2 ->key 20-> Extension	String	Extension	P60199	×	√	√
You can connect up to six UC40, Parameters P60000 – P60199 is the detail of Expansion 1(the first UC40) . You can configure other UC40 refer to Expansion1. Expansion1 P60000 – P60199 Expansion2 P61000 – P61199 Expansion3 P62000 – P62199 Expansion4 P63000 – P63199 Expansion5 P64000 – P64199 Expansion6 P65000 – P65199						
Setting->Preferenc e-> Web Language	Number:0-1 0	Web Language(0 -English,1 -French,2 -German,3 -Spanish,4	P2525	√	√	√

		-Portuguese,5 -Russian,6 -Italian, 7-Polish,8-Turkish, 10 - ChineseSimplified, 11 - ChineseTraditional, 19 - Dutch				
Setting->LCD Language	Number:0-16	Web Language(0 -English,1 -French,2 -German,3 -Spanish,4 -Portuguese,5 -Russian,6 -Italian, 7-Polish,8-Turkish, 9-Serbian,10--Chinese Simplified, 11–ChineseTraditional ,13 - Slovenian, 14 - Farsi, 15 - Hebrew, 16 - Slovak, 17 - Czech, 18 - JapaneseSimplified, 19 - Dutch)	P8621	√	√	√
Setting->Preference-> Keypad DTMF Tone	Number:0, 1	Keypad DTMF Tone(0 - on, 1 - off)	P1300	√	√	√
Setting->Preference-> Handfree AGC	Number:0, 1	Handfree AGC.0 – Disable, 1 - Enable	P5	√	√	√
Setting->Preference-> Volume Amplification-> HandSet Send Volume	Number:0-6	HandSet Send Volume (0 - 0dB default, 1 - +6dB, 2 - +4dB, 3 - +2dB, 4 - -2dB, 5 - -4dB, 6 - -6dB)	P20083	√	√	√
Setting->Preference-> Volume Amplification-> HeadSet Send Volume	Number:0-6	HeadSet Send Volume (0 - 0dB default, 1 - +6dB, 2 - +4dB, 3 - +2dB, 4 - -2dB, 5 - -4dB, 6 - -6dB)	P20084	√	√	√
Setting->Preference-> Volume Amplification->	Number:0-6	HandFree Send Volume (0 - 0dB default, 1 - +6dB, 2 -	P249	√	√	√

HandFree Send Volume		+4dB, 3 - +2dB, 4 - -2dB, 5 - -4dB, 6 - -6dB)				
Setting->Preference->Backlight Inactive Level	Number:0, 1	Backlight Inactive Level(0 - Low, 1 - Off)	P20642	×	×	√
Setting->Preference->Backlight Active Level	Number:0-9	Backlight Active Level (0 - 1, 1 - 2, 2 - 3, 3 - 4, 4 - 5, 5 - 6, 6 - 7, 7 - 8, 8 - 9, 9 - 10)	P20643	×	×	√
Setting->Preference-> Backlight Time	Number	In seconds, 0 means never backlight is 0 second	P8683	×	√	√
Setting->Preference-> Screen Time Out	Number:0-5	Screen Time Out(0 - Off, 1 - 1min, 2 - 2min, 3 - 5min, 4 - 10min, 5 - 30min)	P8940	√	√	√
Setting->Preference-> Expansion screensaver time	Number:0-6	Expansion screensaver time. 1 – 1 min, 2 – 5 min, 3 – 10 min, 4 – 20 min, 5 – 30 min, 6 – 60 min	P40004	×	√	√
Setting->Preference-> Text Logo	String	it will work when screensaver type is time & logo or logo only, and ';' represents the newline	P8951	√	√	√
Setting->Preference-> ScreenSaver Type	Number:0-4	ScreenSaver Type(0 - time & logo, 1 - photo switch,2 - ScreenSaver Photo1,3 -ScreenSaver Photo2,4 -ScreenSaver Photo3)	P8950	√	√	√
Setting->Preference-> Ring Tones	Number:0-8	Ring Tones # 0 - default, 1 - Ring1.bin, 2 - Ring2.bin # 3 - Ring3.bin, 4 - Ring4.bin, 5 - Ring5.bin	P8721	√	√	√

		# 6 - Ring6.bin, 7 - Ring7.bin, 8 - Ring8.bin				
Setting->Preference-> Ring Volume	Number	Ring Volume(Between 0 and 14)	P8503	√	√	√
Setting->Preference-> NO Key Entry Timeout	Number	NO Key Entry Timeout(in seconds, 0 means never timeout, default is 0 seconds)	P85	√	√	√
Setting->Preference-> Dial-now Time-out	Number	Dial-now Time-out (seconds)(in seconds, Interval for DialNow, default is 0 seconds)	P1085	√	√	√
Setting->Preference-> LED Status Setting -> Power Status	Number:0, 1	LED Status.Power Status(0 - no, 1 – yes)	P3734	√	√	√
Setting->Preference-> LED Status Setting -> Ringing Status	Number:0, 1	LED Status.Ringing Status(0 - no, 1 – yes)	P3735	√	√	√
Setting->Preference-> LED Status Setting ->MissCalls Status	Number:0, 1	LED Status. MissCalls Status.0 - no, 1 - yes	P3736	√	√	√
Setting->Preference-> LED Status Setting -> Voice Message Status		Voice Message Status. 0 – no, 1 - yes	P20082	√	√	√
Setting->Preference-> Incoming Call Show Mode	Number:0, 1	Incoming Call Show Mode(0 - Peer Name & Peer Number,1 - Peer Name & Peer Number & Self Name)	P8672	√	√	√
Setting->Preference-> Watch Dog Enable	Number:0, 2	Watch Dog Enable(0 - Off,1 - On)	P8680	√	√	√
Setting->Preference-> Customer Set User Agent	String	Information of User Agent	P40000	√	√	√

Setting->Preference-> Display Mode	Number:0, 1	Display Mode(0 - Icon Mode,1 - Text Mode)	P2532	×	√	√
Setting->Preference-> Wallpaper	Number:0-5	Wallpaper(0 -Wallpaper 1,1 -Wallpaper 2,2 -Wallpaper 3,3 -Wallpaper 4,4 -Wallpaper 5,5 -Wallpaper 6)	P8660	×	√	√
Setting->Preference->Dial First Digit	Number:0, 1	Dial First Digit(0 - Screensaver Wakes up,1 -Screensaver Wakes up and Dial)	P20018	√	√	√
Setting->Preference->Refresh Caller Id Via Contact	Number:0, 1	Refresh Caller Id Via Contact(0 - Disable,1 - Enable)	P20017	√	√	√
Setting->Preference-> HeadSet Priority	Number:0, 1	HeadSet Priority(0 - Disable,1 - Enable)	P20019	√	√	√
Setting->Preference-> Ringer Device For HeadSet	Number:0, 1,2	Ringer Device For HeadSet(0 - Use Speaker,1 - Use HeadSet), 2 – Speaker & Headset	P20020	√	√	√
Setting->Preference-> Redial Mode	Number:0, 1	Redial Mode(0 - Direct Mode,1 - Select Mode)	P20073	√	√	√
Setting->Preference-> Intercom Barge	Number:0, 1	Intercom Barge (If the option is enable, When there is an active call and then incoming an intercom call, Old call will be Hold and Answer new call directly).0 - off, 1 - on	P20074	√	√	√
Setting->Preference-> Show Missed Calls	Number:0, 1	Show Missed Calls. 0 – yes, 1 - no	P20075	√	√	√
Setting->Preference-> Suppress DTMF Display	Number:0, 1	Suppress DTMF Display(1 - on, 0 - off)	P20116	√	√	√

Setting->Preference-> Suppress DTMF Display Delay	Number:0, 1	Suppress DTMF Display Delay(1 - on, 0 - off)	P20117	√	√	√
Setting->Preference->Voice Mail Tone	Number:0, 1	Voice Mail Tone(1 - off, 0 - on)	P20118	√	√	√
Setting->Preference->Busy Tone Timer (0~5s)	Number: 0~5s	Busy Tone Timer (0~5s)	P56203	√	√	√
Setting->Preference->Auto Logout Time (1 ~ 5000 min)	Number: 1 ~ 5000 min	Auto Logout Time (1 ~ 5000 min)	P23126	√	√	√
Setting->Preference->Reboot in Talking	Number:0, 1	Reboot in Talking(0 - Disable, 1 - Enable)	P23131	√	√	√
Setting->Preference->Zero Touch Type	Number:0, 1	Zero Touch Type.0 – normal, 1 - EHS	P20934	√	√	√
Setting->Preference->Three Way Call Release Type	Number:0,1	Three Way Call Release Type.0 – Hung Up, 1 - Transfer	P20935	√	√	√
Setting->Preference->Detect IP Conflict	Number:0,1	Detect IP Conflict. 0 – Disable, 1 - Enable	P20943	√	√	√
Setting->Preference->SpeedDial Detect Digitmap	Number:0,1	SpeedDial Detect Digitmap. 0 – Disable, 1 – Enable If set to Enable, Speed Dial / BLF will match to the digit map	P20982	√	√	√
Setting->Preference->Check-Syn With Authenticate	Number:0-20	Check-Syn With Authenticate. O – Disable, 1 – Enable If set to Enable, the SIP NOTIFY Event Check_sync will be authenticated	P20983	√	√	√
Setting->Preference->LCD Gray Level		LCD Gray Level. 0 – 1, 1 – 2, 2 – 3, 3 – 4 ,4 – 5, 5 – 6, 6 – 7 ,7 – 8, 8- 9 , 9 – 10, 10 – 11, 11 – 12, 12 – 13, 13 – 14, 14 – 15,15 – 16, 16 – 17 ,17	P20994	√	×	×

		– 18 , 18 – 19 ,19 - 20				
Setting->Preference ->Play Hold Tone	Number:0,1	Play Hold Tone 0 - Off, 1 - On	P23204	√	√	√
Setting->Preference ->Play Hold Tone Delay	Number	Play Hold Tone Delay	P23205	√	√	√
Setting->Preference ->Logo LED	Number:0-2	Logo LED(only UC924、UC926 support this feature) 0 - Tie To Backlight, 1 - Always On, 2 - Always Off	P23263	×	√	√
Setting->Preference ->Enable Auto Favorite	Number:0,1	Enable Auto Favorite(0 - Disable, 1 - Enable)	P23138	√	√	√
Setting->Preference ->EXP Backlight Level	Number:0-9	EXP Backlight Level(0 - 0,1 - 1, 2 - 2, 3 - 3, 4 - 4, 5 - 5, 6 - 6, 7 - 7, 8 - 8, 9 -9)	P23140	×	√	√
Setting->Preference ->Label Scroll	Number:0,1	Label Scroll(0 - Disable, 1 - Enable)	P23253	√	√	√
Setting->Preference ->Use # As Dial Key	Number:0,1	Use # As Dial Key(0 - No, 1 - Yes)	P72	√	√	√
Setting->Preference ->Send # as %23	Number:0,1	Send # as %23(0 - No, 1 - Yes)	P772	√	√	√
Setting->Preference ->Display Default Account	Number:0,1	Display Default Account	P24744	×	√	√
Setting->Preference ->Directory Search Time Out	Number:0-4	Directory Search Time Out(0 - 1s, 1 - 2s, 2 - 3s, 3 - 4s, 4 - 5s)	P24757	√	√	√
Setting->Preference ->Directory Search Mode	Number:0,1	Directory Search Mode(0 - Prefix Mode, 1 - Fuzzy Mode)	P24758	√	√	√
Setting->Feature->Forward->Always	Number:0, 1	Always Forward(1 - on, 0 - off)	P53100	√	√	√
Setting->Feature->Forward->Always -> Target	String	Target(Target number for transfer)	P53101	√	√	√
Setting->Feature->Forward->Always -> On Code	String	On Code	P53102	√	√	√

Setting->Feature->Forward->Always -> Off Code	String	Off Code	P53103	√	√	√
Setting->Feature->Forward-> Busy	Number:0, 1	Busy Always Forward(1 - on, 0 - off)	P53110	√	√	√
Setting->Feature->Forward-> Busy -> Target	String	Target(Target number for transfer)	P53111	√	√	√
Setting->Feature->Forward-> Busy -> On Code	String	On Code	P53112	√	√	√
Setting->Feature->Forward-> Busy -> Off Code	String	Off Code	P53113	√	√	√
Setting->Feature->Forward-> No Answer	Number:0, 1	No Answer(1 - on, 0 - off)	P53120	√	√	√
Setting->Feature->Forward-> No Answer -> After Ring Time	Number	After Ring Time(seconds)(Waiting time before Forward-on-No-Answer (if enabled); range: 6-120 seconds, default=60 sec.)	P53124	√	√	√
Setting->Feature->Forward-> No Answer -> Target	String	Target(Target number for transfer)	P53121	√	√	√
Setting->Feature->Forward-> No Answer -> On Code	String	On Code	P53122	√	√	√
Setting->Feature->Forward-> No Answer -> Off Code	String	Off Code	P53123	√	√	√
Setting->Feature->Do Not Disturb->DND Work Type	Number:0-2	DND Work Type(0 - Local, 1 - Server, 2 - Mixed)	P1301	√	√	√
Setting->Feature->Do Not Disturb->DND Sync Mode	Number:0 , 1	DND Sync Mode(0 - XSL, 1 - FAC)	P24016	√	√	√

Setting->Feature->Do Not Disturb->DND On Code	String	DND On Code(The feature code to enable DND,the phone will send the feature code directly to open DND)	P53200	√	√	√
Setting->Feature->Do Not Disturb->DND Off Code	String	DND Off Code(The feature code to disable DND,the phone will send the feature code directly to close DND)	P53201	√	√	√
Setting->Feature->Do Not Disturb->AuthorizedNumbers	Number	AuthorizedNumbers(comma separated)	P53202	√	√	√
Setting->Feature->HotLine->Hotline Number	String	Hotline Number	P4210	√	√	√
Setting->Feature->HotLine->Hotline Time-out	Number	Hotline Time-out (seconds) (0~180s)	P8638	√	√	√
Setting->Feature->Transfer Settings->Blind Transfer On Hook	Number:0,1	Blind Transfer On Hook(0 - off, 1 - on)	P3201	√	√	√
Setting->Feature->Transfer Settings->Semi-Attended Transfer	Number:0,1	Semi-Attended Transfer(0 - off, 1 - on)	P3202	√	√	√
Setting->Feature->Transfer Settings->Attended Transfer On Hook	Number:0,1	Attended Transfer On Hook(0 - off, 1 - on)	P3204	√	√	√
Setting->Feature->Transfer Settings->Transfer Mode via DSSkey	Number:0,1,2	Transfer Mode via DSSkey(0 - Attended Transfer, 1 - Blind Transfer, 2 - New Call)	P3205	√	√	√
Setting->Feature->Transfer Settings->Hold	Number:0,1	Hold Transfer On Hook(1 - On,0 - Off)	P3207	√	√	√

Transfer On Hook						
Setting->Feature->Call Pickup->Call Pickup Mode	Number:0, 1	Call Pickup Mode(0 - XSI, 1 - FAC)	P24018	√	√	√
Setting->Feature->Call Pickup-> Direct Call Pickup	Number:0, 1	Direct Call Pickup(0 - Disable, 1 - Enable)	P4701	√	√	√
Setting->Feature->Call Pickup-> Direct Call Pickup	String	Direct Call Pickup	P4745	√	√	√
Setting->Feature->Call Pickup-> Group Call Pickup	Number:0, 1	Group Call Pickup(0 - Disable, 1 - Enable)	P4702	√	√	√
Setting->Feature->Call Pickup-> Group Call Pickup Code	String	Group Call Pickup Code	P4746	√	√	√
Setting->Feature->Call Pickup-> Visual Alert for BLF Pickup	Number:0, 1	Visual Alert for BLF Pickup(0 - Disable, 1 - Enable)	P4703	√	√	√
Setting->Feature->Call Pickup-> Audio Alert for BLF Pickup	Number:0, 1	Audio Alert for BLF Pickup(0 - Disable, 1 - Enable)	P4704	√	√	√
Setting->Feature->Call Park-> Call Park Mode	Number:0, 1	Call Park Mode(0 - XSI, 1 - FAC)	P24017	√	√	√
Setting->Feature->Call Park->Show Direct Call Park	Number:0, 1	Show Direct Call Park	P24021	√	√	√
Setting->Feature->Call Park->Direct Call Park Code	String	Direct Call Park Code	P24019	√	√	√
Setting->Feature->Call Park->Show Group Call Park	Number:0, 1	Show Group Call Park	P24022	√	√	√
Setting->Feature->Call Park->Group Call Park Code	String	Group Call Park Code	P24020			
Setting->Feature->Call Park->Park Retrieve Code	String	Park Retrieve Code	P24025	√	√	√

Setting->Feature->Call Park->Visual Alert For Parked Call	Number:0, 1	Visual Alert For Parked Call	P24023	√	√	√
Setting->Feature->Call Park->Audio Alert For Parked Call	Number:0, 1	Audio Alert For Parked Call	P24024	√	√	√
Setting->Feature-> Phone Lock->Keypad Lock	Number:0-4	Keypad Lock(0 - Disabled, 1 - All Keys, 2 - Menu Key 3 - Function Keys, 4 - Answer All Only)	P8630	√	√	√
Setting->Feature-> Phone Lock-> Phone Unlock Pin	Sring	Phone Unlock Pin	P5730	√	√	√
Setting->Feature-> Phone Lock-> Auto Lock Time-Out	Number	Auto Lock Time-Out (15~3600s, default is 15s)	P5731	√	√	√
Setting->Feature-> Phone Lock-> Emergency	String	Emergency	P5732	√	√	√
Setting->Feature-> Call Waiting-> Call Waiting	Number:0, 1	Call Waiting(1 - On, 0 - Off)	P8849	√	√	√
Setting->Feature-> Call Waiting-> Call Waiting Tone	Number:0, 1	Call Waiting Tone(1 - On, 0 - Off)	P8850	√	√	√
Setting->Feature-> Alert Ring-> Alert Ring Text 1	String	Alert Ring Text 1	P1399	√	√	√
Setting->Feature-> Alert Ring-> Alert Ring File 1	Number:0-8	Alert Ring File 1(0 - Default, 1 - Ring 1.bin, 2 - Ring 2.bin, 3 - Ring 3.bin, 4 - Ring 4.bin, 5 - Ring 5.bin, 6 - Ring 6.bin, 7 - Ring 7.bin, 8 - Ring 8.bin,)	P1402	√	√	√
Setting->Feature-> Alert Ring-> Alert Ring Text 2	String	Alert Ring Text 2	P1400	√	√	√

Setting->Feature-> Alert Ring-> Alert Ring File 2	Number:0-8	Alert Ring File 2(0 - Default, 1 - Ring 1.bin, 2 - Ring 2.bin, 3 - Ring 3.bin, 4 - Ring 4.bin, 5 - Ring 5.bin, 6 - Ring 6.bin, 7 - Ring 7.bin, 8 - Ring 8.bin,)	P1403	√	√	√
Setting->Feature-> Alert Ring-> Alert Ring Text 3	String	Alert Ring Text 3	P1401	√	√	√
Setting->Feature-> Alert Ring-> Alert Ring File 3	Number:0-8	Alert Ring File 3(0 - Default, 1 - Ring 1.bin, 2 - Ring 2.bin, 3 - Ring 3.bin, 4 - Ring 4.bin, 5 - Ring 5.bin, 6 - Ring 6.bin, 7 - Ring 7.bin, 8 - Ring 8.bin,)	P1404	√	√	√
Setting->Feature-> Alert Ring-> Alert Ring Text 4	String	Alert Ring Text 4	P20059	√	√	√
Setting->Feature-> Alert Ring-> Alert Ring File 4	Number:0-8	Alert Ring File 4(0 - Default, 1 - Ring 1.bin, 2 - Ring 2.bin, 3 - Ring 3.bin, 4 - Ring 4.bin, 5 - Ring 5.bin, 6 - Ring 6.bin, 7 - Ring 7.bin, 8 - Ring 8.bin,)	P20066	√	√	√
Setting->Feature-> Alert Ring-> Alert Ring Text 5	String	Alert Ring Text 5	P20060	√	√	√
Setting->Feature-> Alert Ring-> Alert Ring File 5	Number:0-8	Alert Ring File 5(0 - Default, 1 - Ring 1.bin, 2 - Ring 2.bin, 3 - Ring 3.bin, 4 - Ring 4.bin, 5 - Ring 5.bin, 6 - Ring 6.bin, 7 - Ring 7.bin, 8 - Ring 8.bin,)	P20067	√	√	√
Setting->Feature-> Alert Ring-> Alert Ring Text 6	String	Alert Ring Text 6	P20061	√	√	√

Setting->Feature-> Alert Ring-> Alert Ring File 6	Number:0-8	Alert Ring File 6(0 - Default, 1 - Ring 1.bin, 2 - Ring 2.bin, 3 - Ring 3.bin, 4 - Ring 4.bin, 5 - Ring 5.bin, 6 - Ring 6.bin, 7 - Ring 7.bin, 8 - Ring 8.bin,)	P20068	√	√	√
Setting->Feature-> Alert Ring-> Alert Ring Text 7	String	Alert Ring Text 7	P20062	√	√	√
Setting->Feature-> Alert Ring-> Alert Ring File 7	Number:0-8	Alert Ring File 7(0 - Default, 1 - Ring 1.bin, 2 - Ring 2.bin, 3 - Ring 3.bin, 4 - Ring 4.bin, 5 - Ring 5.bin, 6 - Ring 6.bin, 7 - Ring 7.bin, 8 - Ring 8.bin,)	P20069	√	√	√
Setting->Feature-> Alert Ring-> Alert Ring Text 8	String	Alert Ring Text 8	P20063	√	√	√
Setting->Feature-> Alert Ring-> Alert Ring File 8	Number:0-8	Alert Ring File 8(0 - Default, 1 - Ring 1.bin, 2 - Ring 2.bin, 3 - Ring 3.bin, 4 - Ring 4.bin, 5 - Ring 5.bin, 6 - Ring 6.bin, 7 - Ring 7.bin, 8 - Ring 8.bin,)	P20070	√	√	√
Setting->Feature-> Alert Ring-> Alert Ring Text 9	String	Alert Ring Text 9	P20064	√	√	√
Setting->Feature-> Alert Ring-> Alert Ring File 9	Number:0-8	Alert Ring File 9(0 - Default, 1 - Ring 1.bin, 2 - Ring 2.bin, 3 - Ring 3.bin, 4 - Ring 4.bin, 5 - Ring 5.bin, 6 - Ring 6.bin, 7 - Ring 7.bin, 8 - Ring 8.bin,)	P20071	√	√	√
Setting->Feature-> Alert Ring-> Alert Ring Text 10	String	Alert Ring Text 10	P20065	√	√	√

Setting->Feature-> Alert Ring-> Alert Ring File 10	Number:0-8	Alert Ring File 10(0 - Default, 1 - Ring 1.bin, 2 - Ring 2.bin, 3 - Ring 3.bin, 4 - Ring 4.bin, 5 - Ring 5.bin, 6 - Ring 6.bin, 7 - Ring 7.bin, 8 - Ring 8.bin,)	P20072	√	√	√
Setting->Feature-> Auto Redial -> Auto Redial	Number:0, 1	Auto Redial. 0 – Off, 1 - On	P56204	√	√	√
Setting->Feature-> Auto Redial ->Auto Redial Interval (1~300s)	Number: 1~300s	Auto Redial Interval (1~300s)	P56205	√	√	√
Setting->Feature-> Auto Redial ->Auto Redial Times (1~300)	Number: 1~300	Auto Redial Times (1~300)	P56206	√	√	√
Setting->Feature-> Auto Redial ->Callback-> Callback Code	string	Callback Code	P20984	√	√	√
Setting->Feature-> Popups-> Missed Call Popup	Number:0, 1	Missed Call Popup.(0 - Off, 1 - On)	P23169	×	√	√
Setting->Feature-> Popups->Forward Call Popup	Number:0, 1	Forward Call Popup.(0 - Off, 1 - On)	P23170	×	√	√
Setting->Feature-> Popups->Voice Mail Popup	Number:0, 1	Voice Mail Popup.(0 - Off, 1 - On)	P23171	×	√	√
Setting->Feature-> Popups->Text Message Popup	Number:0, 1	Text Message Popup.(0 - Off, 1 - On)	P23172	×	√	√
Setting->Feature-> Remote Control ->Action URI allow IP List	String	Action URI allow IP List	P23206	√	√	√
Setting->Feature-> Remote Control ->Push xml Server IP	String	Push xml Server IP	P24011	√	√	√

Setting->Feature->Remote Control ->SIP Notify	Number 0,1	SIP Notify(0 - Off, 1 - On)	P24012	√	√	√
Setting->Feature->Call Completion->Enable Call Completion	Number 0,1	Enable Call Completion (0 - Off, 1 - On)	P24748	√	√	√
Setting->BLF Settings-> BLF Selected Type	Number: 0,1	BLF Selected Type. 0 – Default, 1 - Custom	P20085	√	√	√
Setting->BLF Settings->Index 1->Current Call Status	Number: 0-6	Current Call Status .0 – Idle, 1 – Incoming call, 2 – Dialing, 3 – Talking, 4 – Hold, 5 – Parked, 6 – Off line	P20086	√	√	√
Setting->BLF Settings->Index 1-> BLF Status Text	string	BLF Status Text= terminated	P20096	√	√	√
Setting->BLF Settings->Index 1->BLF Led Mode	Number: 0-10	BLF Led Mode. 0 – Led Off, 1 – Solid Red, 2 – Solid Green, 3 – Flashing Red 1s, 4 – Flashing Red 0.5s, 5 – Flashing Red 0.2s, 6 – Flashing Red 0.1s, 7 – Flashing Green 1s, 8 – Flashing Green 0.5s, 9 – Flashing Green 0.2s, 10 – Flashing Green 0.1s	P20106	√	√	√
Setting->BLF Settings->Index 2->Current Call Status	Number: 0-6	Current Call Status .0 – Idle, 1 – Incoming call, 2 – Dialing, 3 – Talking, 4 – Hold, 5 – Parked, 6 – Off line	P20087	√	√	√
Setting->BLF Settings->Index 2-> BLF Status Text	string	BLF Status Text= early	P20097	√	√	√
Setting->BLF Settings->Index 2->BLF Led Mode	Number: 0-10	BLF Led Mode. 0 – Led Off, 1 – Solid Red, 2 – Solid Green, 3 – Flashing Red 1s, 4 – Flashing Red 0.5s, 5 – Flashing Red 0.2s, 6 – Flashing Red 0.1s, 7 –	P20107	√	√	√

		Flashing Green 1s, 8 – Flashing Green 0.5s, 9 – Flashing Green 0.2s, 10 – Flashing Green 0.1s				
Setting->BLF Settings->Index 3->Current Call Status	Number: 0-6	Current Call Status .0 – Idle, 1 – Incoming call, 2 – Dialing, 3 – Talking, 4 – Hold, 5 – Parked, 6 – Off line	P20088	√	√	√
Setting->BLF Settings->Index 3-> BLF Status Text	string	BLF Status Text= confirmed	P20098	√	√	√
Setting->BLF Settings->Index 3>BLF Led Mode	Number: 0-10	BLF Led Mode. 0 – Led Off, 1 – Solid Red, 2 – Solid Green, 3 – Flashing Red 1s, 4 – Flashing Red 0.5s, 5 – Flashing Red 0.2s, 6 – Flashing Red 0.1s, 7 – Flashing Green 1s, 8 – Flashing Green 0.5s, 9 – Flashing Green 0.2s, 10 – Flashing Green 0.1s	P20108	√	√	√
Setting->BLF Settings->Index 4->Current Call Status	Number: 0-6	Current Call Status .0 – Idle, 1 – Incoming call, 2 – Dialing, 3 – Talking, 4 – Hold, 5 – Parked, 6 – Off line	P20089	√	√	√
Setting->BLF Settings->Index 4-> BLF Status Text	string	BLF Status Text= confirmed	P20099	√	√	√
Setting->BLF Settings->Index 4>BLF Led Mode	Number: 0-10	BLF Led Mode. 0 – Led Off, 1 – Solid Red, 2 – Solid Green, 3 – Flashing Red 1s, 4 – Flashing Red 0.5s, 5 – Flashing Red 0.2s, 6 – Flashing Red 0.1s, 7 – Flashing Green 1s, 8 – Flashing Green 0.5s, 9 – Flashing Green 0.2s, 10 – Flashing Green 0.1s	P20109	√	√	√
Setting->BLF Settings->Index	Number: 0-6	Current Call Status .0 – Idle, 1 – Incoming call,	P20090	√	√	√

5->Current Call Status		2 – Dialing, 3 – Talking, 4 – Hold, 5 – Parked, 6 – Off line				
Setting->BLF Settings->Index 5-> BLF Status Text	string	BLF Status Text= confirmed	P20100	√	√	√
Setting->BLF Settings->Index 5>BLF Led Mode	Number: 0-10	BLF Led Mode. 0 – Led Off, 1 – Solid Red, 2 – Solid Green, 3 – Flashing Red 1s, 4 – Flashing Red 0.5s, 5 – Flashing Red 0.2s, 6 – Flashing Red 0.1s, 7 – Flashing Green 1s, 8 – Flashing Green 0.5s, 9 – Flashing Green 0.2s, 10 – Flashing Green 0.1s	P20110	√	√	√
Setting->BLF Settings->Index 6->Current Call Status	Number: 0-6	Current Call Status .0 – Idle, 1 – Incoming call, 2 – Dialing, 3 – Talking, 4 – Hold, 5 – Parked, 6 – Off line	P20091	√	√	√
Setting->BLF Settings->Index 6-> BLF Status Text	string	BLF Status Text= confirmed	P20101	√	√	√
Setting->BLF Settings->Index 6>BLF Led Mode	Number: 0-10	BLF Led Mode. 0 – Led Off, 1 – Solid Red, 2 – Solid Green, 3 – Flashing Red 1s, 4 – Flashing Red 0.5s, 5 – Flashing Red 0.2s, 6 – Flashing Red 0.1s, 7 – Flashing Green 1s, 8 – Flashing Green 0.5s, 9 – Flashing Green 0.2s, 10 – Flashing Green 0.1s	P20111	√	√	√
Setting->BLF Settings->Index 7->Current Call Status	Number: 0-6	Current Call Status .0 – Idle, 1 – Incoming call, 2 – Dialing, 3 – Talking, 4 – Hold, 5 – Parked, 6 – Off line	P20092	√	√	√
Setting->BLF Settings->Index 7-> BLF Status Text	string	BLF Status Text= unknown	P20102	√	√	√

Setting->BLF Settings->Index 7>BLF Led Mode	Number: 0-10	BLF Led Mode. 0 – Led Off, 1 – Solid Red, 2 – Solid Green, 3 – Flashing Red 1s, 4 – Flashing Red 0.5s, 5 – Flashing Red 0.2s, 6 – Flashing Red 0.1s, 7 – Flashing Green 1s, 8 – Flashing Green 0.5s, 9 – Flashing Green 0.2s, 10 – Flashing Green 0.1s	P20112	√	√	√
Setting->Date&Time->DHCP Option 100	Number:0, 1	DHCP Option 100 (DHCP Option 100 is the highest priority,higher than DHCP Time and Time Zone) 0 - No, 1 - Yes	P24064	√	√	√
Setting->Date&Time-> DHCP Time	Number:0, 1	DHCP Time(0 - no, 1 - yes)	P143	√	√	√
Setting->Date&Time-> Time Zone	Number	Time Zone #105 - -11 Samoa, 1 - -10 United States-Hawaii-Aleutian # 2 - -10 United States-Alaska-Aleutian, 3 - -9 United States-Alaska Time # 4 - -8 Canada(Vancouver, Whitehorse), 5 - -8 Mexico(Tijuana,Mexicali) # 6 - -8 United States-Pacific Time, 7 - -7 Canada(Edmonton,Calgary) # 8 - -7 Mexico(Mazatlan,Chihuahua), 9 - -7 United States-Mountain Time	P64	√	√	√

		# 10 - -7 United States-MST no DST, 11 - -6 Canada-Manitoba(Winnipeg)				
		# 12 - -6 Chile(Easter Islands), 13 - -6 Mexico(Mexico City,Acapulco)				
		# 14 - -6 United States-Central Time, 15 - -5 Bahamas(Nassau)				
		# 16 - -5 Canada(Montreal,Ottawa,Quebec), 17 - -5 Cuba(Havana)				
		# 18 - -5 United States-Eastern Time, 19 - -4:30 Venezuela(Caracas)				
		# 20 - -4 Canada(Halifax,Saint John), 21 - -4 Chile(Santiago)				
		# 22 - -4 Paraguay(Asuncion), 23 - -4 United Kingdom-Bermuda(Bermuda)				
		# 24 - -4 United Kingdom(Falkland Islands), 25 - -4 Trinidad & Tobago				
		# 26 - -3:30 Canada-New Foundland(St.Johns), 27 - -3 Denmark-Greenland(Nuuk)				
		# 28 - -3 Argentina(Buenos Aires), 29 - -3 Brazil(no DST)				

| | | # 30 - -3 Brazil(DST), 31 - -2 Brazil(no DST), 32 - -1 Portugal(Azores)
33 - 0 GMT, 34 - 0 Greenland, 35 - 0 Denmark-Faroe Islands(Torshaven)
36 - 0 Ireland(Dublin), 37 - 0 Portugal(Lisboa,Porto,Funchal)
38 - 0 Spain-Canary Islands(Las Palmas), 39 - 0 United Kingdom(London)
40 - 0 Morocco, 41 - +1 Albania(Tirane),42 - +1 Austria(Vienna)
43 - +1 Belgium(Brussels), 44 - +1 Caicos, 45 - +1 Chatam
46 - +1 Croatia(Zagreb), 47 - +1 Czech Republic(Prague)
48 - +1 Denmark(Kopenhaven), 49 - +1 France(Paris), 50 - +1 Germany(Berlin)
51 - +1 Hungary(Budapest), 52 - +1 Italy(Rome), 53 - +1 Luxembourg(Luxembourg)
54 - +1 Makedonia(Skopje), 55 - +1 Netherlands(Amsterdam), 56 - +1 Poland(Warsaw),Ser | | | | |

		bia(Belgrade) # 57 - +2 Estonia(Tallinn), 58 - +2 Finland(Helsinki), 59 - +2 Gaza Strip(Gaza) # 106 - +2 Greece(Athens), 61 - +2 Israel(Tel Aviv), 62 - +2 Jordan(Amman) # 63 - +2 Latvia(Riga), 64 - +2 Lebanon(Beirut), 65 - +2 Moldova(Kishinev) # 66 - +2 Russia(Kaliningrad), 67 - +2 Romania(Bucharest), 68 - +2 Syria(Damascus) # 69 - +2 Turkey(Ankara), 70 - +2 Ukraine(Kyiv,Odessa), 71 - +3 East Africa Time # 72 - +3 Iraq(Baghdad), 73 - +3 Russia(Moscow), 74 - +3:30 Iran(Teheran) # 75 - +4 Armenia(Yerevan), 76 - +4 Azerbaijan(Baku), 77 - +4 Georgia(Tbilisi) # 78 - +4 Kazakstan(Aqtau), 79 - +4 Russia(Samara), 80 - +5 Kazakstan(Aqtobe) # 81 - +5 Kyrgyzstan(Bishkek), 82 - +5			

| | | Pakistan(Islamabad), 83 - +5 Russia(Chelyabinsk) # 84 - +5:30 India(Calcutta), 85 - +6 Kazakstan(Astana,Almaty), 86 - +6 Russia(Novosibirsk,Omsk) # 87 - +7 Russia(Krasnoyarsk), 88 - +7 Thailand(Bangkok), 89 - +8 China(Beijing) # 90 - +8 Singapore(Singapore), 91 - +8 Australia(Perth), 92 - +9 Korea(Seoul) # 93 - +9 Japan(Tokyo), 94 - +9:30 Australia(Adelaide), 95 - +9:30 Australia(Darwin) # 96 - +10 Australia(Sydney,Melbourne,Canberra), 97 - +10 Australia(Brisbane) # 98 - +10 Australia(Hobart), 99 - +10 Russia(Vladivostok), 100 - +10:30 Australia(Lord Howe Islands) # 101 - +11 New Caledonia(Noumea), 102 - +12 New Zeland(Wellington,Auckland) # 103 - +12:45 New | | | | |

		Zeland(Chatham Islands), 104 - +13 Tonga(Nukualofa)				
Setting->Date&Time-> NTP Server is Covered with DHCP	Number:0,1	NTP Server is Covered with DHCP(0- no, 1-yes)	P144	√	√	√
Setting->Date&Time->NTP Server	String	URL or IP address of NTP Server	P30	√	√	√
Setting->Date&Time->Backup NTP Server	String	URL or IP address of Backup NTP Server	P8622	√	√	√
Setting->Date&Time-> Daylight Saving Time	Number:0,1,2	Daylight Saving Time(0 - disable, 1 –enable, 2-auto)	P75	√	√	√
Setting->Date&Time-> Time Format	Number:0,1	Time Format.0 – 24hour 1 – 12hour	P8624	√	√	√
Setting->Date&Time-> Date Display Format	Number: 0,1,2	Date Display Format 0-- Year - Month - Day 1-- Month - Day - Year 2-- Day - Month - Year	P102	√	√	√
Setting-> Tones-> Select Country	Number:0-28	Select Country(0 - Custom, 1 - Australia, 2 - Austria, 3 - Brazil, 4 - Belgium, 5 - China, 6 - Chile,7 - Czech,8 - Denmark, 9 - Finland,10 - France, 11 - Germany, 12 - Great Britain, 13 - Greece, 14 - Hungary, 15 - Lithuania, 16 - India,17 - Italy, 18 - Japan, 19 - Mexico,20 - New Zealand, 21 - Netherlands, 22 - Norway, 23 - Portugal,24 - Spain,25 -	P20058	√	√	√

		Switzerland, 26 - Sweden, 27 - Russia, 28 - United States)					
Setting-> Tones-> Dial Tone	String	Dial Tone Syntax: f1=freq@vol, f2=freq@vol, c=on1/off1-on2/off2- on3/off3 freq: FREQUENCY in Hz on1/off1 - on2/off2 :cadence in Millisecond	P4000	√	√	√
Setting-> Tones-> Ringback Tone	String	Ringback Tone Syntax: f1=freq@vol, f2=freq@vol, c=on1/off1-on2/off2- on3/off3 freq: FREQUENCY in Hz `on1/off1 - on2/off2 :cadence in Millisecond`	P4001	√	√	√
Setting-> Tones-> Busy Tone	String	Busy Tone Syntax: f1=freq@vol, f2=freq@vol, c=on1/off1-on2/off2- on3/off3 freq: FREQUENCY in Hz `on1/off1 - on2/off2 :cadence in Millisecond`	P4002	√	√	√
Setting-> Tones-> Reorder Tone	String	Reorder Tone Syntax: f1=freq@vol, f2=freq@vol, c=on1/off1-on2/off2- on3/off3 freq: FREQUENCY in Hz	P4003	√	√	√

					√	√	√
		on1/off1 - on2/off2 :cadence in Millisecond					
Setting-> Tones-> Confirmation Tone	String	Confirmation Tone Syntax: f1=freq@vol, f2=freq@vol, c=on1/off1-on2/off2-on3/off3 freq: FREQUENCY in Hz on1/off1 - on2/off2 :cadence in Millisecond	P4004		√	√	√
Setting-> Tones-> Call Waiting Tone	String	Call Waiting Tone Syntax: f1=freq@vol, f2=freq@vol, c=on1/off1-on2/off2-on3/off3 freq: FREQUENCY in Hz on1/off1 - on2/off2 :cadence in Millisecond	P4005		√	√	√
Setting-> SMS->Account	Number:0-3	SMS(Account.0 - Account 1, 1 - Account 2, 2 - Account 3, 3 - Account 4)	P58100		√	√	√
Setting-> Action URL-> Setup Completed	String	Setup Completed(This message will be sent out when the phone is start-up completed, available for use.)	P3701		√	√	√
Setting-> Action URL-> log On	String	log On(This message will be sent out when an account is successfully registered.)	P3702		√	√	√
Setting-> Action URL-> log Off	String	log Off(This message will be sent out when	P3703		√	√	√

		an account is logged off.)				
Setting-> Action URL-> Register Failed	String	Register Failed(This message will be sent out when an account is registered failed.)	P3704	√	√	√
Setting-> Action URL-> Offhook	String	Offhook(This message will be sent out when the phone is off hook.)	P3705	√	√	√
Setting-> Action URL-> Onfhook	String	Onfhook(This message will be sent out when the phone is on hook.)	P3706	√	√	√
Setting-> Action URL-> Incoming Call	String	Incoming Call(This message will be sent out when there is an incoming call.)	P3707	√	√	√
Setting-> Action URL-> Outgoing Call	String	Outgoing Call(This message will be sent out when there is an outgoing call.)	P3708	√	√	√
Setting-> Action URL-> Call Established	String	Call Established(This message will be sent out when a call is established.)	P3709	√	√	√
Setting-> Action URL-> Call Terminated	String	Call Terminated(This message will be sent out when a call is terminated.)	P3710	√	√	√
Setting-> Action URL-> Open DND	String	Open DND(This message will be sent out when DND is enabled.)	P3711	√	√	√
Setting-> Action URL-> Close DND	String	Close DND(This message will be sent out when DND is disabled.)	P3712	√	√	√
Setting-> Action URL-> Open Always Forward	String	Open Always Forward(This message will be sent out when always-forward is enabled.)	P3713	√	√	√

Setting-> Action URL-> Close Always Forward	String	Close Always Forward(This message will be sent out when always-forward is disabled.)	P3714	√	√	√
Setting-> Action URL-> Open Busy Forward	String	Open Busy Forward(This message will be sent out when busy-forward is enabled.)	P3715	√	√	√
Setting-> Action URL-> Close Busy Forward	String	Close Busy Forward(This message will be sent out when busy-forward is disabled.)	P3716	√	√	√
Setting-> Action URL-> Open No Busy Forward	String	Open No Busy Forward(This message will be sent out when no-answer-forward is enabled.)	P3717	√	√	√
Setting-> Action URL-> Close No Busy Forward	String	Close No Busy Forward(This message will be sent out when no-answer-forward is disable.)	P3718	√	√	√
Setting-> Action URL-> Transfer Call	String	Transfer Call(This message will be sent out when transferring a call(including all kinds of transfer).)	P3719	√	√	√
Setting-> Action URL-> Blind Trandfer call	String	Blind Trandfer call(This message will be sent out when doing blind-transfer.)	P3720	√	√	√
Setting-> Action URL-> Attended Transfer Call	String	Attended Transfer Call(This message will be sent out when doing attended and semi-attended	P3721	√	√	√

		transfer.)				
Setting-> Action URL-> Hold	String	Hold(This message will be sent out when holding a call.)	P3722	√	√	√
Setting-> Action URL-> Unhold	String	Unhold(This message will be sent out when unholding the call.)	P3723	√	√	√
Setting-> Action URL-> Mute	String	Mute(This message will be sent out when muting a call.)	P3724	√	√	√
Setting-> Action URL-> Unmute	String	Unmute(This message will be sent out when unmuting a call.)	P3725	√	√	√
Setting-> Action URL-> Missed Call	String	Missed Call(This message will be sent out when there is a new missed call even if missed call logs is disabled.)	P3726	√	√	√
Setting-> Action URL-> Idle ToBusy	String	Idle ToBusy(call logs is disabled.)	P3727	√	√	√
Setting-> Action URL-> Busy To Idel	String	Busy To Idel(Busy to IdleBusy to Idle)	P3728	√	√	√
Setting-> Action URL-> Forward Incoming Call	String	Forward Incoming Call(Forward Incoming Call)	P3729	√	√	√
Setting-> Action URL-> Reject Incoming Call	String	Reject Incoming Call(Reject Incoming Call)	P3730	√	√	√
Setting-> Action URL-> Answer New Incoming Call	String	Answer New Incoming Call(Answer New Incoming Call)	P3731	√	√	√
Setting-> Action URL-> TransferFinished	String	TransferFinished(Transfer Finished)	P3732	√	√	√
Setting-> Action URL-> Transfe Failed	String	Transfe Failed(Transfer Failed)	P3733	√	√	√

Setting->Softkey Layout->Custom Softkey	Number:0-1	Custom Softkey(0 - Disable,1 - Enable)	P8751	√	√	√
Setting->TR069-> TR069 Enable	Number:0, 1	TR069 Enable. 0 – No, 1 - Yes	P8100	√	√	√
Setting->TR069-> ACS URL	string	ACS URL	P8101	√	√	√
Setting->TR069-> ACS Username	string	ACS Username	P8102	√	√	√
Setting->TR069-> ACS Password	string	ACS Password	P8103	√	√	√
Setting->TR069-> Enable Periodic Inform	Number:0, 1	Enable Periodic Inform.0 – No, 1 - Yes	P8104	√	√	√
Setting->TR069-> Periodic Inform Interval(seconds)	string	Periodic Inform Interval(seconds)	P8105	√	√	√
Setting->TR069-> Connection Request Username	string	Connection Request Username	P8106	√	√	√
Setting->TR069-> Connection Request Password	string	Connection Request Password	P8107	√	√	√
Setting->SIP-> SIP Session Timer T1(0.5~10s)	Number	SIP Session Timer T1(0.5~10s)	P23112	√	√	√
Setting->SIP-> SIP Session Timer T2(2~40s)	Number	SIP Session Timer T1 T2(2~40s)	P23113	√	√	√
Setting->SIP-> SIP Session Timer T4(2.5~60s)	Number	SIP Session Timer T1 T4(2.5~60s)	P23114	√	√	√
Directory-> Remote PhoneBook->index 1-> Phone Book URL	String	Phone Book URL	P4401	√	√	√
Directory-> Remote PhoneBook->index 1-> Name	String	Name	P3316	√	√	√

Directory->Remote PhoneBook->index 2-> Phone Book URL	String	Phone Book URL	P4402	√	√	√
Directory->Remote PhoneBook->index 2-> Name	String	Name	P3312	√	√	√
Directory->Remote PhoneBook->index 3-> Phone Book URL	String	Phone Book URL	P4404	√	√	√
Directory->Remote PhoneBook->index 3-> Name	String	Name	P3313	√	√	√
Directory->Remote PhoneBook->index 4-> Phone Book URL	String	Phone Book URL	P4404	√	√	√
Directory->Remote PhoneBook->index 4-> Name	String	Name	P3314	√	√	√
Directory->Remote PhoneBook->index 5-> Phone Book URL	String	Phone Book URL	P4405	√	√	√
Directory->Remote PhoneBook->index 5-> Name	String	Name	P3315	√	√	√
Directory->LDAP-> LDAP Name Filter	String	LDAP name filter, device will go and search the contacts on the server if the input are characters.	P5430	√	√	√
Directory->LDAP-> LDAP Number Filter	String	LDAP digit filter, device will go and search the contacts on the s	P5431	√	√	√

		erver if the input are digits.				
Directory->LDAP->Server Address	String	LDAP server address , the value can be IP or Domain name.	P5432	√	√	√
Directory->LDAP-> Port	Number	LDAP server port	P5433	√	√	√
Directory->LDAP->Base	Sring	searching root directory of the server	P5434	√	√	√
Directory->LDAP->User Name	String	user name for loging in the server	P5435	√	√	√
Directory->LDAP->Password	String	password for loging out the server	P5436	√	√	√
Directory->LDAP->Max.Hits	Number	the maximum query results	P5437	√	√	√
Directory->LDAP-> LDAP Display Name	String	the type of display name of the searching result	P5440	√	√	√
Directory->LDAP-> Search Delay	Number	the time to display the searching result after inputting search information	P5442	√	√	√
Directory->LDAP-> Protocol	Number	protocol version (0 – version2, 1 – version3)	P5441	√	√	√
Directory->LDAP-> LDAP Lookup For Incoming Call	Number:0, 1	Whether to search diaplay name for incoming call using LDAP (0 – off, 1 - on)	P5443	√	√	√
Directory->LDAP-> LDAP Sorting Results	Number:0, 1	Whether to sort the results(0 – off, 1 - on)	P5444	√	√	√
Directory->LDAP-> LDAP Synchronize Time(0~9999mins)	number	LDAP Synchronize Time(0~9999mins) in minutes,0 means never Synchronize,default is 0	P20990	√	√	√
Directory->Networ kDirectory-> XSI Information-> Allow SIP Authentication for XSI	Number:0, 1	Allow SIP Authentication for XSI.0 – Disable, 1 – Enable Configures the authentication mechanism for	P20944	√	√	√

		eXtended Services Interface (XSI) platform access				
Directory->Network Directory-> XSI Information-> Host Server	Number:0, 1	Host Server. Configures the IP address or domain name of the eXtended Services Interface (XSI) Platform server for account X	P20945	√	√	√
Directory->Networ kDirectory-> XSI Information-> Port	Number	Port =80. Configures the port number of the XSI platform server for account X	P20946	√	√	√
Directory->Network Directory-> XSI Information-> XSI Server Type	Number	XSI Server Type.0 – HTTP, 1 - HTTPS Configures the access protocol of the XSI platform server for account X	P20947	√	√	√
Directory->Network Directory-> XSI Information->User ID	string	User ID Configures the user name for XSI authentication for account X	P20948	√	√	√
Directory->Network Directory-> XSI Information->Passw ord	string	Password Configures the password for XSI authentication for account X	P20949	√	√	√
Directory->Network Directory-> XSI Information->UC User Name	string	UC User Name Configures the user name for UC authentication	P20950	√	√	√
Directory->Network Directory-> XSI Information->UC Password	string	UC Password Configures the password for UC authentication.	P20951	√	√	√
Directory->Network Directory-> Network Directory->Group	Number:0, 1	Group. 0 – Disable, 1 - Enable	P20953	√	√	√

Directory->Network Directory-> Network Directory->Group Name	string	Display name. Enables or disables the IP phone to display the group directory and configures the display name on the LCD screen for the group directory.	P20960		√	√	√
Directory->Network Directory-> Network Directory->Enterprise	Number:0, 1	Enterprise. 0 – Disable, 1 - Enable	P20955		√	√	√
Directory->Network Directory-> Network Directory-> Enterprise name	string	Display name. Enables or disables the IP phone to display the enterprise directory and configures the display name on the LCD screen for the enterprise directory.	P20962		√	√	√
Directory->Network Directory-> Network Directory->Group Common	Number:0, 1	Group Common. 0 – Disable, 1 - Enable	P20954		√	√	√
Directory->Network Directory-> Network Directory->Group Common name	string	Display name. Enables or disables the IP phone to display the group common directory and configures the display name on the LCD screen for the group common directory.	P20961		√	√	√
Directory->Network Directory-> Network Directory->Enterprise Common	Number:0, 1	Enterprise Common. 0 – Disable, 1 - Enable	P20956		√	√	√
Directory->Network Directory-> Network Directory->	string	Display name. Enables or disables the IP phone to display the enterprise common	P20963		√	√	√

Enterprise Common name		directory and configures the display name on the LCD screen for the enterprise common directory.					
Directory->Network Directory-> Network Directory->Personal	Number:0, 1	Personal. 0 – Disable, 1 - Enable	P20957	√	√	√	
Directory->Network Directory-> Network Directory-> Personal name	string	Personal name. Enables or disables the IP phone to display the personal directory and configures the display name on the LCD screen for the personal directory.	P20964	√	√	√	
Directory-> Network Directory-> Custom Directories-> Enable Custom Directories	Number:0, 1	Enable Custom Directories. 0 – Disable, 1 - Enable Enables or disables the custom directories feature	P20958	√	√	√	
Directory-> Network Directory-> Call Log-> Network Call Log	Number:0, 1	Enable Custom Directory. 0 – Disable, 1 - Enable Enables or disables the BroadSoft call log feature	P20959	√	√	√	
Directory->MultiC ast Paging-> Paging Barge	Number:0- 10	Paging Barge(0 - Disable,1 - 1,2 - 2,3 - 3,4 - 4,5 - 5,6 - 6,7 - 7,8 - 8,9 - 9,10 - 10)	P20041	√	√	√	
Directory->MultiC ast Paging-> Paging Priority Active	Number:0, 1	Paging Priority Active(Disable,1 - Enable)	P20042	√	√	√	
Directory->MultiC ast Paging->Multicast Codec	Number	Multicast Codec. 0 – PCMU, 18 – G.729A/B, 8 – PCMA, 9 – G.722(wide band)	P20164	√	√	√	
Directory->MultiC ast Paging->IP Address 1->	String	Listening Address	P20021	√	√	√	

Listening Address						
Directory->MultiCast Paging-> IP Address 1-> Lable	Stirng	Lable	P20022	√	√	√
Directory->MultiCast Paging->IP Address 2> Listening Address	String	Listening Address	P20023	√	√	√
Directory->MultiCast Paging-> IP Address 2> Lable	Stirng	Lable	P20024	√	√	√
Directory->MultiCast Paging->IP Address 3> Listening Address	String	Listening Address	P20025	√	√	√
Directory->MultiCast Paging-> IP Address 3> Lable	Stirng	Lable	P20026	√	√	√
Directory->MultiCast Paging->IP Address 4> Listening Address	String	Listening Address	P20027	√	√	√
Directory->MultiCast Paging-> IP Address 4> Lable	Stirng	Lable	P20028	√	√	√
Directory->MultiCast Paging->IP Address 5> Listening Address	String	Listening Address	P20029	√	√	√
Directory->MultiCast Paging-> IP Address 5> Lable	Stirng	Lable	P20030	√	√	√
Directory->MultiCast Paging->IP Address 6> Listening Address	String	Listening Address	P20031	√	√	√
Directory->MultiCast Paging-> IP Address 6> Lable	Stirng	Lable	P20032	√	√	√
Directory->MultiCast Paging->IP Address 7> Listening Address	String	Listening Address	P20033	√	√	√

Directory->MultiCast Paging-> IP Address 7> Lable	Stirng	Lable	P20034	√	√	√
Directory->MultiCast Paging->IP Address 8> Listening Address	String	Listening Address	P20035	√	√	√
Directory->MultiCast Paging-> IP Address 8> Lable	Stirng	Lable	P20036	√	√	√
Directory->MultiCast Paging->IP Address 9> Listening Address	String	Listening Address	P20037	√	√	√
Directory->MultiCast Paging-> IP Address 9 Lable	Stirng	Lable	P20038	√	√	√
Directory->MultiCast Paging->IP Address 10> Listening Address	String	Listening Address	P20039	√	√	√
Directory->MultiCast Paging-> IP Address 10> Lable	Stirng	Lable	P20040	√	√	√
Managenment-> Auto Provision ->Firmware Upgrade->PnP Active	Number:0, 1	PnP Active. 0 – No, 1 – Yes Enable/disable the phone sending requests to the server to obtain the URL for downloading firmware updates	P20165	√	√	√
Managenment->Auto Provision->Firmware Upgrade-> Urgrate Mode	Number:0-3	Urgrate Mode(0 - TFTP, 1 - HTTP, 2 - FTP, 3 - HTTPS)	P212	√	√	√
Managenment-> Auto Provision-> Firmware Upgrade-> Firmware Server Path	String	Firmware Server Path	P192	√	√	√

Managenment->Auto Provision->Firmware Upgrade->Config Server Path	String	Config Server Path	P237	√	√	√
Managenment->Auto Provision->Firmware Upgrade->Allow DHCP Option	Number	Allow DHCP Option	P1145	√	√	√
Managenment->Auto Provision->Firmware Upgrade-> To Oerride Server	Number:0, 1	To Oerride Server(0 – no, 1 – yes)	P145	√	√	√
Managenment->Auto Provision->Firmware Upgrade-> HTTP / FTP / HTTPS UserName	String	HTTP/FTP/HTTPS UserName	P1360	√	√	√
Managenment->Auto Provision->Firmware Upgrade-> HTTP /FTP / HTTPS Password	String	HTTP/FTP/HTTPS Password	P1361	√	√	√
Managenment->Auto Provision ->Firmware Upgrade->Firmware/Config File Prefix	String	Firmware/Config File Prefix	P232	√	√	√
Managenment->Auto Provision ->Firmware Upgrade->Firmware /Config File Postfix	String	Firmware/Config File Postfix	P233	√	√	√
Managenment->Auto Provision->Firmw	Number:0, 1	AUTO Upgrade(0 - no, 1 - yes)	P194	√	√	√

are Upgrade-> AUTO Upgrade						
Managenment->Auto Provision->Firmware Upgrade-> check for upgrade every ? Minutes	Number	check for upgrade every ? Minutes	P193	√	√	√
Managenment->Auto Provision->Firmware Upgrade-> Upgrade Check Mode	Number:0-2	Upgrade Check Mode 0 - Always Check For New Firmware 1 - check new firmware only when F/W pre/suffix changes 2 - Always Skip The Firmware Check	P238	√	√	√
Managenment->Auto Provision->Firmware Upgrade-> Authenticate Cfg File	Number:0, 1	Authenticate Cfg File(0 - no, 1 - yes)	P240	√	√	√
Managenment->Auto Provision->Firmware Upgrade-> Set Common AES Key	String	Common AES Key	P8631	√	√	√
Managenment->Auto Provision->Firmware Upgrade->Ring Server Path	String	Ring Server Path	P20174	√	√	√
Managenment->Auto Provision->Firmware Upgrade->Language Server URL	String	Language Server URL	P20175	√	√	√
Managenment->Auto Provision->Firmwar	String	hlpres Server URL	P20176	√	√	√

Managenment->Auto Provision->Firmware Upgrade->hlpres Server URL						
Managenment->Auto Provision->Firmware Upgrade->exp_res Server URL	String	exp_res Server URL	P20177	√	√	√
Managenment->Auto Provision->Firmware Upgrade->VPN Server URL	String	VPN Server URL	P20178	√	√	√
Managenment->Auto Provision->Firmware Upgrade->Trusted CA Server URL	String	Trusted CA Server URL	P20179	√	√	√
Managenment->Auto Provision->Firmware Upgrade->Server CA Server URL	String	Server CA Server URL	P20180	√	√	√
Managenment->Auto Provision->Firmware Upgrade->Screensaver Server URL	String	Screensaver Server URL	P20051	×	√	√
Managenment->Auto Provision->Firmware Upgrade->Wallpaper Server URL	String	Wallpaper Server URL	P20052	×	√	√
Managenment->Auto Provision->Firmware Upgrade->8021x CA cert URL	String	8021x CA cert URL	P20987	√	√	√
Managenment->Auto Provision->Firmware Upgrade->8021x DEV cert URL	String	8021x DEV cert URL	P20988	√	√	√

Managenment->Auto Provision->Firmware Upgrade->Zero Active	Number:0, 1	Zero Active.0 – No, 1 - Yes	P20933	√	√	√
Managenment->Auto Provision->Firmware Upgrade->Wait Time(1~100s)	Number	Wait Time(1~100s)	P20932	√	√	√
Managenment->Auto Provision->Firmware Upgrade-> Self as Server	Number:0, 1	Self as Server(0 - No,1- Yes)	P40001	×	√	√
Managenment->Auto Provision->Firmware Upgrade-> Exp Upgrade Server	String	Exp Upgrade Server	P40002	×	√	√
Managenment->Auto Provision->Phonebook XML Download-> Phonebook XML Server Path	String	Phonebook XML Server Path	P331	√	√	√
Managenment->Auto Provision-> Phonebook XML Download -> Phonebook Download Interval	Number:0-720	Phonebook Download Interval(the interval time should be 0-720 days)	P332	√	√	√
Managenment->Auto Provision-> Phonebook XML Download -> Remove Manually-edited Entries On Download	Number:0, 1	Remove Manually-edited Entries On Download.0 - no, 1 - yes	P333	√	√	√
Managenment->Auto Provision->	Number:0-4	Phonebook XML Download Enable.0 -	P330	√	√	√

Phonebook XML Download -> Phonebook XML Download Enable		no, 1 - yes,HTTP, 2 - yes,TFTP, 3 - yes,FTP, 4 - yes,HTTPs				
Managenment->Auto Provision-> SNMP Service -> SNMP Service Enable	Number:0, 1	SNMP Service Enable.0 - no, 1 - yes	P8150	√	√	√
Managenment->Auto Provision-> SNMP Service -> SNMP Get Community	String	SNMP Get Community	P8151	√	√	√
Managenment->Auto Provision-> SNMP Service -> SNMP Set Community	String	SNMP Set Community	P8152	√	√	√
Managenment->Auto Provision-> SNMP Service -> SNMP Manager IP 1	String	SNMP Manager IP 1	P8153	√	√	√
Managenment->Auto Provision-> SNMP Service -> SNMP Manager IP 2	String	SNMP Manager IP 2	P8154	√	√	√
Managenment->Auto Provision-> SNMP Service -> SNMP Manager IP 3	String	SNMP Manager IP 3	P8155	√	√	√
Managenment->Auto Provision-> SNMP Service -> SNMP Manager IP 4	String	SNMP Manager IP 4	P8156	√	√	√
Managenment->Configuration->System log->syslog server	String	syslog server	P207	√	√	√

Managenment->Configuration->System log->Syslog Level	Number:0-4	Syslog Level.0 – NONE, 1 – DEBUG,2 – INFO, 3 – WARNING, 4 - ERROR	P208	√	√	√
Managenment->Trusted CA->Trusted Certificates	Number:0-2	Trusted Certificates.0 –Default Certificates , 1 –Custom Certificates ,2 –All Certificates	P20156	√	√	√
Managenment->Server CA->Device Certificates	Number:0-1	Device Certificates.0 –Default Certificates , 1 –Custom Certificates	P20155	√	√	√