

## DP750/DP720/DP760 Firmware Release Notes

### IMPORTANT UPGRADING NOTES

- For DP750/DP720/DP760, once upgraded to 1.0.4.2 or above, downgrading to 1.0.3.40 or previous firmware version is not supported.
- For DP750/DP720, once upgraded to 1.0.3.23 or above, downgrading to 1.0.3.17 or previous firmware version is not supported.
- For DP750/DP720, once upgraded to 1.0.3.17 or above, downgrading to 1.0.2.16 or previous firmware version is not supported.
- For DP750/DP720, once upgraded to 1.0.2.16 or above, downgrading to 1.0.1.x or previous firmware version is not supported.
- For DP750/DP720, firmware 1.0.0.99 (The first public released beta firmware) and all above can upgrade to 1.0.4.7 directly, no transitional firmware is needed.

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## FIRMWARE VERSION 1.0.4.10

### PRODUCT NAME

DP750 / DP720 / DP760

### DATE

10/30/2018

### FIRMWARE FILE INFORMATION

- Firmware file name: dp75xfw.bin
- MD5: b6945458f447ea859a85196b1731728a

### IMPORTANT UPGRADING NOTES

- **For DP750/DP720/DP760, once upgraded to 1.0.4.2 or above, downgrading to 1.0.3.40 or previous firmware version is not supported.**
- **For DP750/DP720, firmware 1.0.0.99 (The first public released beta firmware) and all above can upgrade to 1.0.4.7 directly, no transitional firmware is needed.**

### ENHANCEMENT

- Added option to add MAC address to User Agent for each profile.

### BUG FIX

- Fixed DP750 phonebook XML file downloading will fail when the server is using TLS v1.2.
- Fixed DP750 distinctive ringtones do not work with alert-info header.
- Fixed DP720 does not display the contact name on the call history if the number starts with "+".

### NEW FEATURES OVERVIEW

This section lists major new features and describes how to use it from the user's point of view.

#### OPTION FOR ADDING MAC ADDRESS TO USER AGENT

- **Web Configuration**

The settings can be found at Web UI -> Profiles -> Profile {1-4} -> SIP Settings -> Basic Settings -> Use MAC Header.

Ignore Alert-Info header  No  Yes

Use MAC Header  No  Yes except REGISTER  Yes to all SIP

- Functionality**

By default, the settings is “No”, if set to “Yes except REGISTER”, the sip message for register or unregister will contains MAC address in the header, and all the outgoing SIP messages except REGISTER message will attach the MAC address to the User-Agent header; If Yes to ALL, the sip message for register or unregister will contains MAC address in the header, and all the outgoing SIP message including REGISTER will attach the MAC address to the User-Agent header; If No, neither will the MAC header be included in the register or unregister message nor the MAC address be attached to the User-Agent header for any outgoing SIP message.

```

> Frame 434: 1178 bytes on wire (9424 bits), 1178 bytes captured (9424 bits) on interface 0
> Ethernet II, Src: Grandstr_87:08:a5 (00:0b:82:87:08:a5), Dst: Cisco_7c:36:33 (00:26:0b:7c:36:33)
> Internet Protocol Version 4, Src: 192.168.88.17, Dst: 192.168.41.55
> User Datagram Protocol, Src Port: 5060, Dst Port: 5060
< Session Initiation Protocol (INVITE)
  > Request-Line: INVITE sip:013@192.168.41.55 SIP/2.0
  < Message Header
    > Via: SIP/2.0/UDP 192.168.88.17:5060;branch=z9hG4bK1175063032;rport
    > From: "Remote 012" <sip:012@192.168.41.55>;tag=1063131456
    > To: <sip:013@192.168.41.55>
    Call-ID: 1182217752-5060-4@BJC.BGI.II.BH
    > CSeq: 10 INVITE
    > Contact: "Remote 012" <sip:012@192.168.88.17:5060>
    Max-Forwards: 70
    User-Agent: Grandstream DP750 1.0.4.10 000b828708a5
    Privacy: none
    > P-Preferred-Identity: "Remote 012" <sip:012@192.168.41.55>
    Supported: replaces, path, timer, eventlist
    Allow: INVITE, ACK, OPTIONS, CANCEL, BYE, SUBSCRIBE, NOTIFY, INFO, REFER, UPDATE
    Content-Type: application/sdp
    Accept: application/sdp, application/dtmf-relay
    Content-Length: 453
  > Message Body
  
```

- New P Values**

Pvalue	Description	Value range	Default
P26061	<New Pvalue>	0 – No	0 - No
P26161	Configure if use MAC address in the	1 – Yes except REGISTER	
P26261	User Agent	2 – Yes to all SIP	
P26361			

## FIRMWARE VERSION 1.0.4.7

### PRODUCT NAME

DP750 / DP720 / DP760

### DATE

10/12/2018

### FIRMWARE FILE INFORMATION

- Firmware file name: dp75xfw.bin
- MD5: 833d7b7b226234f02892b00920165a67

### IMPORTANT UPGRADING NOTES

- **For DP750/DP720/DP760, once upgraded to 1.0.4.2 or above, downgrading to 1.0.3.40 or previous firmware version is not supported.**
- **For DP750/DP720, firmware 1.0.0.99 (The first public released beta firmware) and all above can upgrade to 1.0.4.7 directly, no transitional firmware is needed.**

### ENHANCEMENT

- Added the ability to display Account Name only. [DISPLAY ACCOUNT NAME ONLY]
- Added support to provision config file by model. [PROVISION CONFIG FILE BY MODEL]
- Added support TLS protocol for Syslog. [TLS PROTOCOL FOR SYSLOG]
- Added SRTP icon on handset UI. [SRTP ICON ON HANDSET UI]
- Updated German translations for both DP750 Web UI and DP720 handset UI

### BUG FIX

- Fixed DP750 CTI feature related issue that handset would not return to idle after it received api-send\_key request.
- Fixed DP750 CIT feature related issue that phone number sometimes get partially missing upon api-make\_call request.
- Fixed DP750 issue that under 802.1x network environment if unplug network cable and re-plug it, the following calls has no audio.
- Fixed DP750 issue that if answer a call that nearly timeout, the call has no audio.
- Fixed DP750 sometimes keep sending REGISER and cannot make calls.
- Fixed DP750 TLS registration not working properly sometimes.
- Fixed DP750 still sending codec PCMU after transferred even when the codec G729 is the only

configured codec.

- Fixed DP750 “Crypto Life Time” does not reload after it enabled or disabled.
- Fixed DP750 “Handset Config File Prefix” cannot be set to empty, it always switch to default value when set to empty.
- Fixed DP750 issue that after changing SIP protocol from UDP to TCP or from TCP to UDP without reboot, the following calls might introduce big noise.
- Fixed DP750 OpenVPN set option “comp-lzo no” to disable the LZ0-compression does not working.
- Fixed DP720 issue that it may fail to exit ringing interface until manually return to idle, and the DP750 responses “486 busy” for any incoming call when staying in ringing.
- Fixed DP720 right soft key does not show “delete” when editing last name/Home/Work/Mobile in contacts edit mode.
- Fixed DP760 Repeater network LED does not on when use PPPoE network mode.

## NEW FEATURES OVERVIEW

This section lists major new features and describes how to use it from the user’s point of view.

### DISPLAY ACCOUNT NAME ONLY

- **Functionality**

On DP720 browse to Settings -> User Settings -> SIP Account Display, it can be set to “Name & ID”, “Name Only”, “ID only” or “None”

DP720 will display both Account Name and SIP User ID and, Account Name Only, SIP User ID or none accordingly.

### PROVISION CONFIG FILE BY MODEL

- **Web Configuration**

There is no need to configure anything on the web UI, by default this feature is always enabled.

- **Functionality**

When DP750 conduct provisioning, the device will request cfg{MAC}.xml and cfg.xml file, after added this enhancement, DP750 will also request cfgdp750.xml to allow provisioning devices by a model specified xml file.

### TLS PROTOCOL FOR SYSLOG

- **Web Configuration**

On DP750 Web -> Maintenance -> Syslog, added an option to set “Syslog Protocol” to “SSL/TLS” other than default “UDP”.

**Maintenance**

- Firmware Upgrade
- Provisioning
- Web/SSH Access
- TR-069
- Security Settings +
- Date and Time
- Syslog**
- Packet Capture
- Factory Reset
- Support +

## Syslog

Syslog Protocol SSL/TLS ▾

Syslog Server

Syslog Level DEBUG ▾

Syslog Keyword Filtering

Print SIP in Syslog  No  Yes

Save
Save and Apply
Reset

- **Functionality**

After configured, all the Syslog will be send under SSL/TLS protocol.

- **New P Values**

Pvalue	Description	Value range	Default
P8402	<New Pvalue> Allow sending syslog throught secured TLS protocol to syslog server  Note: CA verification is required	0 – UDP 1 – SSL/TLS	0 – UDP

### SRTP ICON ON HANDSET UI

- **Web Configuration**

There is no need to configure anything on the web UI, by default this feature is always enabled.

- **Functionality**

When using SRTP for call, there will be an icon on handset UI to indicate that.

## FIRMWARE VERSION 1.0.4.2

### PRODUCT NAME

DP750 / DP720 / DP760

### DATE

07/19/2018

### FIRMWARE FILE INFORMATION

- Firmware file name: dp75xfw.bin
- MD5: e46cd212301a5ebbd30231765e2da6b4

### IMPORTANT UPGRADING NOTES

- **For DP750/DP720/DP760, once upgraded to 1.0.4.2 or above, downgrading to 1.0.3.40 or previous firmware version is not supported.**
- **For DP750/DP720, firmware 1.0.0.99 (The first public released beta firmware) and all above can upgrade to 1.0.4.2 directly, no transitional firmware is needed.**

### ENHANCEMENT

- Added support for CTI (Computer-Telephony Integration) feature as the same as GXP phones. [CTI FEATURE]
- Improve the support to customize the Syslog port. [CUSTOMIZE THE SYSLOG PORT]
- Added support for DP720 to use Audio Loopback test when it is not registered
- Play keypad tone during the call if it is enabled

### BUG FIX

- Fixed DP750 User Agent header uses wrong MAC format when downloading phonebook.xml
- Fixed P6007 doesn't return configure value in SSH
- Fixed DP750 cannot access web and cannot upgrade/download when using OpenVPN
- Fixed the default values for Verify host when using HTTPS that under Provision and Upgrade/Downgrade are different, set both value to enabled
- Fixed DP750 always registers to Failover SIP Sever First if configured, and fails to register to the second IP of SRV Records of Primary SIP server
- Fixed DP750 web display a crash warning while there isn't a core dump
- Fixed DP750 circular mode sometimes two sides have no sound when the second incoming call timeout
- Fixed DP750 under repeater mode, when two handsets set up 2 concurrent calls on the same

repeater DP760, a third handset can still switch to this repeater

- Fixed DP720 customized ringtone file will be corrupt when rebooting during downloading
- Fixed DP720 does not play confirmation tone when saving language settings
- Fixed DP720 does not play the ringtone when change the volume after received a missed call.
- Fixed DP720 mute key misfunction if mute by long pressing 3 second and unmute by a quick pressing, the handset LCD shows unmuted, but the handset still stay in mute mode.
- Fixed DP720 system ring become abnormal after playing ringtone on handset and configuring tone on DP750 Web at the same time
- Fixed DP720 does not play keypad tone if unsubscribed and re-subscribed and press off-hook or speaker key first
- Fixed DP720 answer incoming call during searching base will lead the call become abnormal
- Fixed DP720 show "Error" and back to idle automatically after access and exit to menu quickly
- Fixed DP720 cannot switch to the last call record when pressing up key on the first record

## NEW FEATURES OVERVIEW

This section lists major new features and describes how to use it from the user's point of view.

### CTI FEATURE

- **Web Configuration**

There is no need to configure anything on the web UI, by default this feature is always enabled.

- **Functionality**

Here is the full user manual for CTI feature of GXP phones:

[http://www.grandstream.com/sites/default/files/Resources/CTI\\_Guide.pdf](http://www.grandstream.com/sites/default/files/Resources/CTI_Guide.pdf)

For DP750/DP720/DP760, all the usage is the same except:

1. GXP is single phone, while DP750 could register 5 handsets, therefore, for some URL, it will need specific which handset it is.
2. DP720 does not support as many keys as GXP phones. Here are all the keys that DP720 support: 0-9, HASH, \*, LEFT\_SOFT\_KEY, RIGHT\_SOFT\_KEY, MUTE, SPEAKER, STAR, ONHOOK, OFFHOOK, OK, LOCK, UNLOCK, UP, DOWN, LEFT, RIGHT.

Command and Example:

- `api-get_account_status`

Accepted arguments: account

Example: [http://192.168.5.135/cgi-bin/api-get\\_account\\_status?passcode=admin&account=2](http://192.168.5.135/cgi-bin/api-get_account_status?passcode=admin&account=2)

- `api-get_hs_status`

Accepted arguments: hs

Example: [http://192.168.5.135/cgi-bin/api-get\\_hs\\_status?passcode=admin&hs=1](http://192.168.5.135/cgi-bin/api-get_hs_status?passcode=admin&hs=1)

- api-get\_hs\_line\_status

Accepted arguments: hs

Example: [http://192.168.5.135/cgi-bin/api-get\\_hs\\_line\\_status?passcode=admin&hs=1](http://192.168.5.135/cgi-bin/api-get_hs_line_status?passcode=admin&hs=1)

- api-make\_call

Accepted arguments: hs, phonenumber

Example: [http://192.168.5.135/cgi-bin/api-make\\_call?passcode=admin&hs=1&phonenumber=3501](http://192.168.5.135/cgi-bin/api-make_call?passcode=admin&hs=1&phonenumber=3501)

- api-device\_operation

Accepted arguments: hs, line, cmd( cmd can be endcall, holdcall, unholdcall, acceptcall, rejectcall, cancel, speaker, mute, setdnd, unsetdnd )

Example:

[http://192.168.5.135/cgi-bin/api-device\\_operation?passcode=admin&hs=1&line=1&cmd=endcall](http://192.168.5.135/cgi-bin/api-device_operation?passcode=admin&hs=1&line=1&cmd=endcall)

[http://192.168.5.135/cgi-bin/api-device\\_operation?passcode=admin&hs=1&line=1&cmd=holdcall](http://192.168.5.135/cgi-bin/api-device_operation?passcode=admin&hs=1&line=1&cmd=holdcall)

[http://192.168.5.135/cgi-bin/api-device\\_operation?passcode=admin&hs=1&line=1&cmd=unholdcall](http://192.168.5.135/cgi-bin/api-device_operation?passcode=admin&hs=1&line=1&cmd=unholdcall)

[http://192.168.5.135/cgi-bin/api-device\\_operation?passcode=admin&hs=1&line=1&cmd=acceptcall](http://192.168.5.135/cgi-bin/api-device_operation?passcode=admin&hs=1&line=1&cmd=acceptcall)

[http://192.168.5.135/cgi-bin/api-device\\_operation?passcode=admin&hs=1&line=1&cmd=rejectcall](http://192.168.5.135/cgi-bin/api-device_operation?passcode=admin&hs=1&line=1&cmd=rejectcall)

[http://192.168.5.135/cgi-bin/api-device\\_operation?passcode=admin&hs=1&line=1&cmd=cancel](http://192.168.5.135/cgi-bin/api-device_operation?passcode=admin&hs=1&line=1&cmd=cancel)

For mute, speaker and setdnd, unsetdnd command, there is no "line=x" argument.

[http://192.168.5.135/cgi-bin/api-device\\_operation?passcode=admin&hs=1&cmd=mute](http://192.168.5.135/cgi-bin/api-device_operation?passcode=admin&hs=1&cmd=mute)

[http://192.168.5.135/cgi-bin/api-device\\_operation?passcode=admin&hs=1&cmd=speaker](http://192.168.5.135/cgi-bin/api-device_operation?passcode=admin&hs=1&cmd=speaker)

[http://192.168.5.135/cgi-bin/api-device\\_operation?passcode=admin&hs=1&cmd=setdnd](http://192.168.5.135/cgi-bin/api-device_operation?passcode=admin&hs=1&cmd=setdnd)

[http://192.168.5.135/cgi-bin/api-device\\_operation?passcode=admin&hs=1&cmd=unsetdnd](http://192.168.5.135/cgi-bin/api-device_operation?passcode=admin&hs=1&cmd=unsetdnd)

- api-send\_key

Accepted arguments : hs, keys( keys are in format <key1>:<key2>:<key3>:....., keys can be 0-9, HASH, \*, LEFT\_SOFT\_KEY, RIGHT\_SOFT\_KEY, MUTE, SPEAKER, STAR, ONHOOK, OFFHOOK, OK, LOCK, UNLOCK, UP, DOWN, LEFT, RIGHT )

Example: [http://192.168.5.135/cgi-bin/api-send\\_key?passcode=admin&hs=1&keys=3:3:0:9:HASH](http://192.168.5.135/cgi-bin/api-send_key?passcode=admin&hs=1&keys=3:3:0:9:HASH)

Please be aware that # key need be sent as HASH on DP750/DP720.

All the response from HTTP request, please check the GXP CTI user manual.

## CUSTOMIZE THE SYSLOG PORT

- **Web Configuration**

To customize the Syslog port, login DP750 Web, and just add the port after the Syslog Server address.

Previous we added a separated option and P value to configure the Syslog port, which is not consistent with other product and since we already support port after Server address like the SIP server and other

similar setting, we decide to remove the delicate settings for Syslog port, but just use it long with the Syslog Server address.

Now you can still configure this value by using the P207 which is for Syslog Server address.

  Version 1.0.4.2

**Maintenance**

Firmware Upgrade

Provisioning

Web/SSH Access

TR-069

Security Settings +

Date and Time

**Syslog**

Packet Capture

Factory Reset

Support +

## Syslog

---

Syslog Server	<input type="text" value="1.2.3.4:1401"/>
Syslog Level	<input type="text" value="DEBUG"/>
Print SIP in Syslog	<input checked="" type="radio"/> No <input type="radio"/> Yes

Save Save and Apply Reset

## FIRMWARE VERSION 1.0.3.40

### PRODUCT NAME

DP750 / DP720 / DP760

### DATE

05/22/2018

### FIRMWARE FILE INFORMATION

- Firmware file name: dp75xfw.bin
- MD5: a719a1bb6c9b385e2414e7591406486a

### IMPORTANT UPGRADING NOTES

- **Upgrading handsets from web UI is disabled while in repeater mode. Please move the handset in range of DP750 base station and start upgrading from handset.**
- **For DP750/DP720, once upgraded to 1.0.3.23 or above, downgrading to 1.0.3.17 firmware version or lower is not supported.**
- **For DP750/DP720, once upgraded to 1.0.3.17 or above, downgrading to 1.0.2.16 firmware version or lower is not supported.**
- **For DP750/DP720, once upgraded to 1.0.2.16 or above, downgrading to 1.0.1.x firmware version or lower is not supported.**
- **For DP750/DP720, firmware 1.0.0.99 (The first public released beta firmware) and all above can upgrade to 1.0.3.23 directly, no transitional firmware needed.**

### ENHANCEMENT

- Added support to allow configure prefix for User-Agent in SIP header. [USER-AGENT PREFIX]
- Increased the length of Authenticate ID, SIP User ID, Password from 32 to 128.
- Added support for “.#”, “.T” and “T” and alphanumeric characters in the Dial Plan.
- Added support for SIP OPTIONS Keep Alive. [USE SIP OPTIONS TO KEEP ALIVE]
- Added support for automatic upgrade and provisioning be triggered at a random time in every certain days. [RANDOM UPGRADE AND PROVISION]
- Removed force core generation from web
- Added OpenVPN feature as the same as GXP phones. [OPENVPN]
- Added the option to set Date and Time Display Format via the web GUI and Provisioning. [CONFIGURE DATE AND TIME DISPLAY]
- Increased the number of digits that can be dialed on the handset

## BUG FIX

- Fixed sometime DP750 failed register accounts sometimes when using SIP/TLS
- Fixed DP750 does not save certain allowed inputs in the Dial Plan
- Fixed DUT crashed after downloaded some files via TR069
- Fixed the SIP Authentication password is visible from the handset
- Fixed When handset line1 set to none, handset off hook didn't have default outgoing line configured
- Fixed Pvalue template that downloaded from device Web UI have some Pvalues missing.

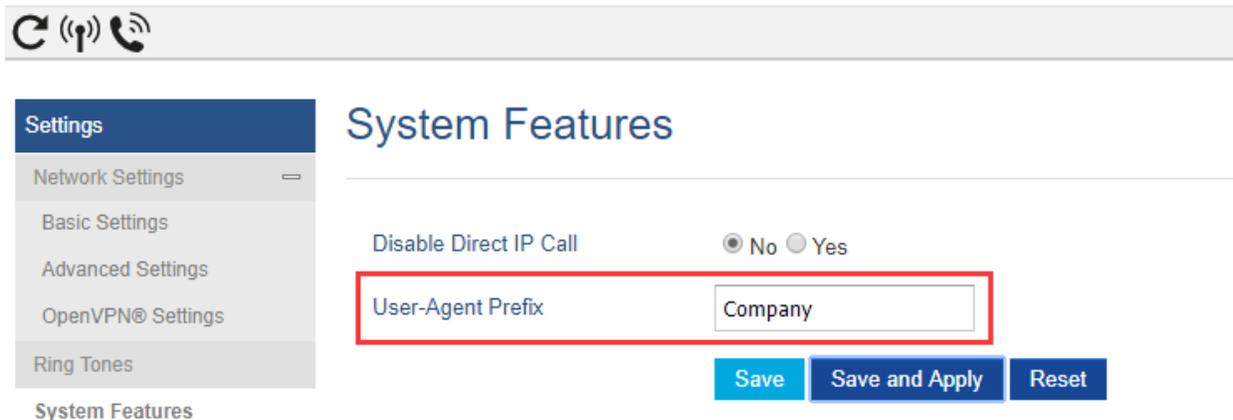
## NEW FEATURES OVERVIEW

This section lists major new features and describes how to use it from the user's point of view.

### USER-AGENT PREFIX

- **Web Configuration**

Add support to allow configure customized User-Agent Prefix. The configuration is under Web UI -> Settings -> System Features -> User-Agent Prefix.



The screenshot shows the 'System Features' configuration page. On the left is a 'Settings' sidebar with options: Network Settings, Basic Settings, Advanced Settings, OpenVPN® Settings, Ring Tones, and System Features. The main content area is titled 'System Features' and includes a toggle for 'Disable Direct IP Call' (set to No) and a text input field for 'User-Agent Prefix' containing the value 'Company'. Below the input field are three buttons: 'Save', 'Save and Apply', and 'Reset'.

- **Functionality**

```

v Session Initiation Protocol (REGISTER)
  > Request-Line: REGISTER sip:192.168.254.5 SIP/2.0
  v Message Header
    > Via: SIP/2.0/UDP 192.168.219.10:5064;branch=z9hG4bK642335446;rport
    > From: "3503" <sip:3503@192.168.254.5>;tag=742784024
    > To: <sip:3503@192.168.254.5>
    Call-ID: 295784746-5064-1@BJC.BGI.CBJ.BA
    > CSeq: 2000 REGISTER
    > Contact: <sip:3503@192.168.219.10:5064>;reg-id=3;+sip.instance="urn:uuid:00000000-0000-1000-8000-000B828A4768"
    Max-Forwards: 70
    User-Agent: Company Grandstream DP750 1.0.3.40
    Supported: path
    Expires: 3600
    Allow: INVITE, ACK, OPTIONS, CANCEL, BYE, SUBSCRIBE, NOTIFY, INFO, REFER, UPDATE
    Content-Length: 0
  
```

- **New P Values**

Pvalue	Description	Value range	Default
P8358	<New Pvalue> Configure the prefix in the User-Agent header.	String	null

## USE SIP OPTIONS TO KEEP ALIVE

- **Web Configuration**

Add option to use SIP OPTIONS to Keep Alive. It's under Web UI -> Profiles X -> SIP Settings -> Basic Settings.

⌂ (P) 📶

Version 1.0.3.40

Profiles

- Profile 1 -
- General Settings
- Network Settings
- SIP Settings -
- Basic Settings
- Session Timer
- Security Settings
- Audio Settings
- Call Settings
- Profile 2 +
- Profile 3 +
- Profile 4 +

### Basic Settings

---

SIP Transport  UDP  TCP  TLS/TCP

SIP Registration  No  Yes

Unregister on Reboot  No  Yes

Add Auth Header On Initial REGISTER  No  Yes

Outgoing Calls Without Registration  No  Yes

Register Expiration

SIP Registration Failure Retry Wait Time

SIP Registration Failure Retry Wait Time upon 403 Forbidden

Reregister Before Expiration

Local SIP Port

Use Random SIP Port  No  Yes

Local RTP Port

SIP T1 Timeout

SIP T2 Timeout

SIP TIMER D

Enable OPTIONS Keep Alive  No  Yes

OPTIONS Keep Alive Interval

OPTIONS Keep Alive Max Lost

Remove OBP from Route  No  Yes

Support SIP Instance ID  No  Yes

GRANDSTREAM NETWORKS

DP750/DP720/DP760 Release Notes

Page 16

- New P Values**

Pvalue	Description	Value range	Default
P2397 (Profile 1) P2497 (Profile 2) P2597 (Profile 3) P2697 (Profile 4)	<New Pvalue> Enable OPTIONS Keep Alive, to check SIP server	0 – No 1 – Yes	0 – No
P2398 (Profile 1) P2498 (Profile 2) P2598 (Profile 3) P2698 (Profile 4)	<New Pvalue> OPTIONS Keep Alive Interval: Time interval for OPTIONS Keep Alive feature in seconds	1 – 64800	30
P2399 (Profile 1) P2499 (Profile 2) P2599 (Profile 3) P2699 (Profile 4)	<New Pvalue> OPTIONS Keep Alive Max Lost: Maximum number of lost packets for OPTIONS Keep Alive feature before the phone re-registration	3 – 10	3

## RANDOM UPGRADE AND PROVISION

- Web Configuration**

The Setting is under Web UI -> Maintenance -> Firmware Upgrade / Provisioning:

Verify host when using HTTPS  No  Yes

Upgrade via  TFTP  HTTP  HTTPS

Firmware Server Path

Firmware File Prefix

Firmware File Postfix

Allow DHCP Option 43 and Option 66 to Override Server  No  Yes

Automatic Upgrade  No  
 Yes, check for upgrade at random every  day(s)  
 Yes, check for upgrade every  minute(s)  
 Yes, check for upgrade every day  
 Yes, check for upgrade every week

Random Interval Start Time  :

Random Interval Stop Time  :

Hour of the Day(0-23)

Day of the Week (0-6)

Firmware Key

### Handset Firmware

Handset firmware

Automatic Upgrade  No  Yes

- **Functionality**

This feature is used to set DP750 or DP760 automatic upgrade or provisioning at a random time in a certain period. You can set the device randomly automatic upgrade in X days and run upgrade / provisioning between the start time and stop time. Reboot the device will not lose the pending upgrade / provisioning.

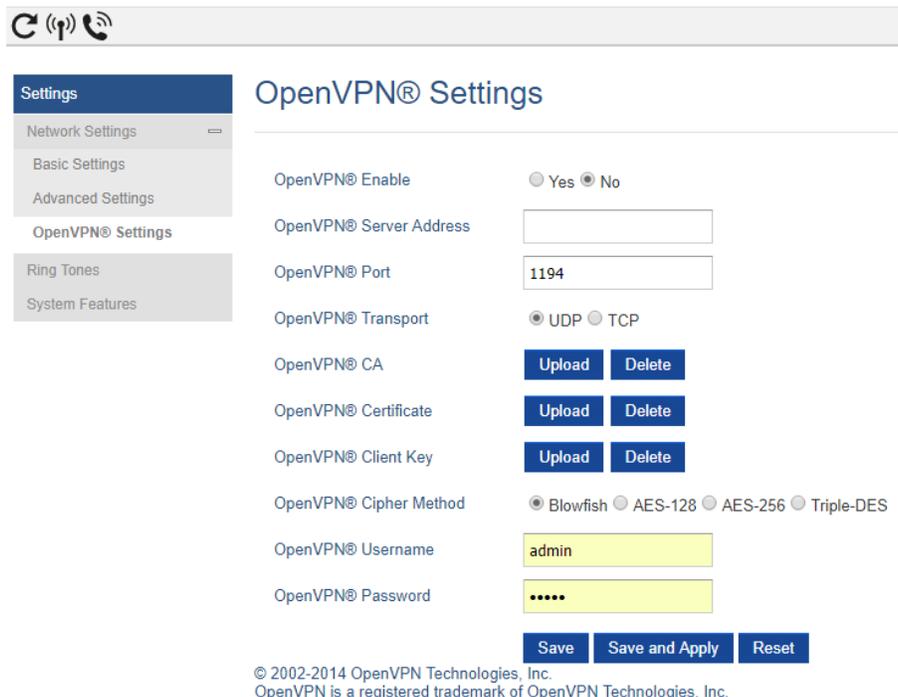
- **New P Values**

Pvalue	Description	Value range	Default
P27816 (Upgrade) P27811 (Provisioning)	<New Pvalue> check for upgrade at random every X day(s).	1 – 3650	1
P27817 P27818 P27819 P27820	<New Pvalue> Random upgrade start hour and start minutes, stop hour and stop minutes.	0 – 23 0 – 59 0 – 23 0 – 59	1 1 1 1
P27812 P27813 P27814 P27815	<New Pvalue> Random provisioning start hour and start minutes, stop hour and stop minutes.	0 – 23 0 – 59 0 – 23 0 – 59	1 1 1 1

## OPENVPN

- **Web Configuration**

The Setting is under Web UI -> Settings -> Network Settings -> OpenVPN Settings. After configured OpenVPN, you can also choose to use VPN as NAT Traversal at Profile X -> Network Settings -> NAT Traversal.



**Profiles**

Profile 1

General Settings

**Network Settings**

SIP Settings

Audio Settings

Call Settings

Profile 2

Profile 3

Profile 4

## Network Settings

---

### Layer 3 QoS Settings

SIP Diff-Serv

RTP Diff-Serv

### DNS Settings

DNS Mode

Primary IP

Backup IP 1

Backup IP 2

### NAT Settings

NAT Traversal

Use NAT IP

Proxy-Require

No

No

STUN

Keep-Alive

VPN

- New P Values**

Pvalue	Description	Value range	Default
P7050	<New Pvalue> Enable or disable OpenVPN®	0 – No 1 – Yes	0
P7051	<New Pvalue> OpenVPN® Server Address	String	Null
P7052	<New Pvalue> OpenVPN® Port	1 – 65535	1194
P2912	OpenVPN® Transport Determines network protocol used for OpenVPN®	0 – UDP 1 – TCP	0 – UDP
P8394	<New Pvalue> OpenVPN® username	String	Null
P8395	<New Pvalue> OpenVPN® password	String	Null
P8396	<New Pvalue> OpenVPN® cipher Method	0 – Blowfish 1 – AES-128 2 – AES-256 3 – Triple-DES	0

## CONFIGURE DATE AND TIME DISPLAY

- Web Configuration**

The Setting is under Web UI -> DECT -> Handset Settings -> HS X Settings, to configure the display format of Time and Date.

DECT

General Settings

SIP Account Settings

Handset Line Settings

Handset Settings ≡

HS1 Settings

HS2 Settings

HS3 Settings

HS4 Settings

HS5 Settings

### HS1 Settings

---

Disable Private Phonebook  No  Yes

Enable Auto Answer  No  Yes

Enable Offhook on Cradle Pickup  No  Yes

Enable Onhook on Cradle Reposition  No  Yes

Disable Conference  No  Yes

Disable Transfer  No  Yes

Disable Busy Tone on Remote Disconnect  No  Yes

Disable Call Waiting Tone  No  Yes

Custom Ringtone

Time Format

Date Format

- New P Values**

Pvalue	Description	Value range	Default
P30080 (HS 1)	<New Pvalue>	0 – 12hr	0 – 12hr
P30081 (HS 2)	Set the displayed Time Format on handsets.	1 – 24hr	
P30082 (HS 3)			
P30083 (HS 4)			
P30084 (HS 5)			
P30060 (HS 1)	<New Pvalue>	0 – DD-MM-YYYY	0
P30061 (HS 2)	Set the displayed Date Format on handsets.	1 – MM-DD-YYYY	
P30062 (HS 3)		2 – YYYY-MM-DD	
P30063 (HS 4)			
P30064 (HS 5)			

## FIRMWARE VERSION 1.0.3.37

### PRODUCT NAME

DP750 / DP720 / DP760

### DATE

03/16/2018

### FIRMWARE FILE INFORMATION

- Firmware file name: dp75xfw.bin
- MD5: 7f2e584240b0d230079fd92b6355799a

### IMPORTANT UPGRADING NOTES

- **Upgrading handsets from web UI is disabled while in repeater mode. Please move the handset in range of DP750 base station and start upgrading from handset.**
- **For DP750/DP720, once upgraded to 1.0.3.23 or above, downgrading to 1.0.3.17 firmware version or lower is not supported.**
- **For DP750/DP720, once upgraded to 1.0.3.17 or above, downgrading to 1.0.2.16 firmware version or lower is not supported.**
- **For DP750/DP720, once upgraded to 1.0.2.16 or above, downgrading to 1.0.1.x firmware version or lower is not supported.**
- **For DP750/DP720, firmware 1.0.0.99 (The first public released beta firmware) and all above can upgrade to 1.0.3.23 directly, no transitional firmware needed.**

### ENHANCEMENT

- Added support for DP750 to configure device with custom certificate signed by custom CA certificate. [DEVICE CUSTOM CERTIFICATE SETTINGS]
- Added support for DP750 to customize the Syslog port. [CUSTOMIZE THE SYSLOG PORT]
- Reset DP760 repeater region to AUTO when pressing page and reset button more than 2s. [DP760 AUTO REGION]
- Increased all volume levels by +4dB

### BUG FIX

- Issued a new DP750 HTTPS default certificate for it had expired. New issue certificate will be expired in year 2038.
- Fixed DP750 issue that it cannot register the SIP account when using SRV.
- Fixed DP720 issue that after handset selected another base the original base still marked it as online.

- Fixed DP750 issue that it fails lookup LDAP contact names during ringing if the number starts with +.
- Fixed DP720 keep rebooting automatically when battery is low.
- Fixed DP750 crashes and generates core dump randomly when transferring a call.
- Fixed DP720 automatically reboot after loading phonebook that included specific Japanese/Russian character.
- Fixed DP750 issue that handset fails to receive incoming call but response SIP 486 error
- Fixed DP750 cannot send BYE message when using TLS in some specific SIP proxy.
- Fixed DP720 would not play ringtone after pressed speaker to answer a call.

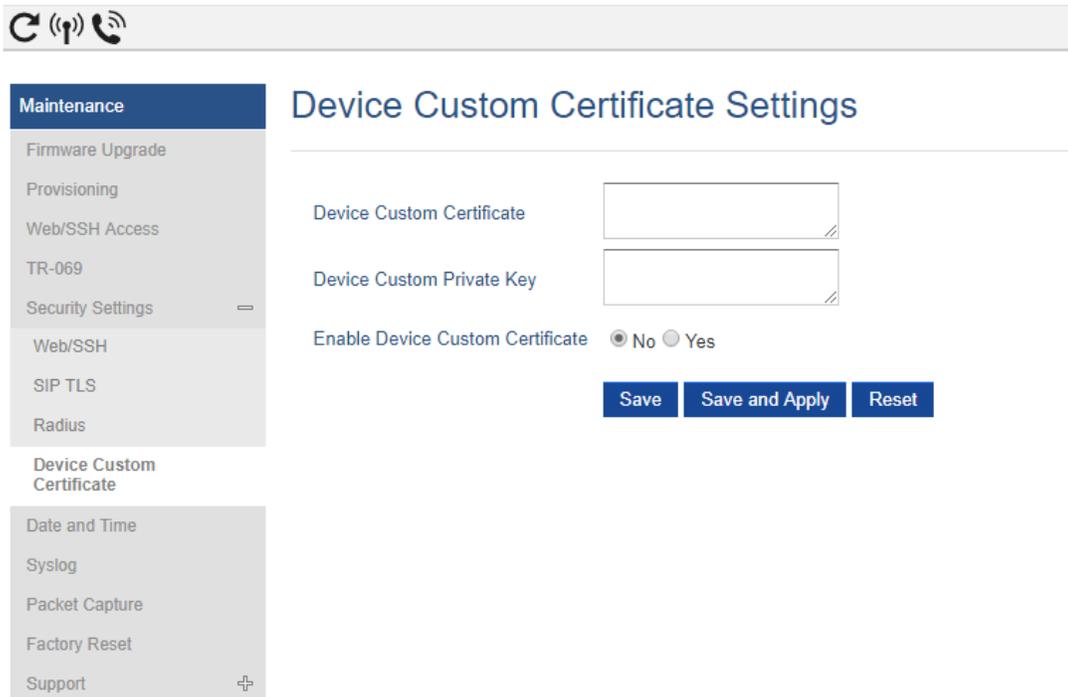
## NEW FEATURES OVERVIEW

This section lists major new features and describes how to use it from the user's point of view.

### DEVICE CUSTOM CERTIFICATE SETTINGS

- **Web Configuration**

Add custom certificate support, now the user can configure their own custom certificate and private key for their own HTTPS server. It's under Web UI -> Maintenance -> Security Settings -> Device Custom Certificate Settings.



- **New P Values**

Pvalue	Description	Value range	Default
P27776	<New Pvalue>	String	null

	Device Custom Certificate: Certificate used by device during provisioning and web access		
P27775	<New Pvalue> Device Custom Private Key: Key used by device during provisioning and web access	String	null
P27777	<New Pvalue> Enable Device Custom Certificate: Enable it will use custom certificate else use default certificate	0 – No 1 – Yes	0 – No

## CUSTOMIZE THE SYSLOG PORT

- Web Configuration**

Add option to configure Syslog port. It's under Web UI -> Maintenance -> Syslog.

⌂ (p) 📞
Version 1.0.3.37

**Maintenance**

- Firmware Upgrade
- Provisioning
- Web/SSH Access
- TR-069
- Security Settings +
- Date and Time
- Syslog**
- Packet Capture
- Factory Reset
- Support +

### Syslog

Syslog Server

Syslog port

Syslog Level

Print SIP in Syslog
 No  Yes

- New P Values**

Pvalue	Description	Value range	Default
P8472	<New Pvalue> Syslog port: Syslog messages will be sent to this port instead of the default syslog port of 514	Integer (1 – 65535)	514

## DP760 AUTO REGION

Now DP760 supports auto region for US/Europe/Brazil mode.

After pressing Page/Reset button for more than 2 seconds, DP760 will enter AUTO region mode, you can use any region DP750 to pair with it, after the DP760 paired with a base station, it will set it's region to the same as the base station (DP750).

Note: 1. If you have a DP760 that has FW before 1.0.3.34, you will need upgrade it to 1.0.3.34 first, then do a factory reset. After that, the unit will support Auto-Region feature.

2. By default, after factory reset, the DP760 will enter Auto Region mode.

## FIRMWARE VERSION 1.0.3.34

### PRODUCT NAME

DP750 and DP720

### DATE

02/05/2018

### IMPORTANT UPGRADING NOTES

- **Upgrading handsets from web UI is disabled while in repeater mode. Please move the handset in range of DP750 base station and start upgrading from handset.**
- **For DP750/DP720, once upgraded to 1.0.3.23 or above, downgrading to 1.0.3.17 firmware version or lower is not supported.**
- **For DP750/DP720, once upgraded to 1.0.3.17 or above, downgrading to 1.0.2.16 firmware version or lower is not supported.**
- **For DP750/DP720, once upgraded to 1.0.2.16 or above, downgrading to 1.0.1.x firmware version or lower is not supported.**
- **For DP750/DP720, firmware 1.0.0.99 (The first public released beta firmware) and all above can upgrade to 1.0.3.23 directly, no transitional firmware needed.**

### ENHANCEMENT

- Enhanced the stability when working with DP760 repeater.

## FIRMWARE VERSION 1.0.3.31

### PRODUCT NAME

DP750 and DP720

### DATE

11/28/2017

### IMPORTANT UPGRADING NOTE

- **Upgrade of handsets from web UI is disabled while in repeater mode. Please move the handset in range of DP750 base station and start upgrade from handset.**
- **For DP750/DP720, once upgraded to 1.0.3.23 or above, downgrading to 1.0.3.17 firmware version or lower is not supported.**
- **For DP750/DP720, once upgraded to 1.0.3.17 or above, downgrading to 1.0.2.16 firmware version or lower is not supported.**
- **For DP750/DP720, once upgraded to 1.0.2.16 or above, downgrading to 1.0.1.x firmware version or lower is not supported.**
- **For DP750/DP720, firmware 1.0.0.99 (The first public released beta firmware) and all above can upgrade to 1.0.3.23 directly, no transitional firmware needed.**

### ENHANCEMENT

- Added language support for Slovakian, Swedish.
- Hide RPN from web UI.
- Add icon or symbol to indicate if the handset is using repeater or not

### BUG FIX

- Change NTP Server default value to pool.ntp.org.
- Fixed Phonebook contacts with numbers leading with "0" are not resolved in incoming/outgoing calls.
- Fixed the receiver cannot hear the voice if it answered the call from DP720 quickly.
- Fixed DP720 cannot play ring-back tone if it as transferee in blind transfer.
- Fixed DP750 didn't send RTP and there is no audio in the call after the receiver of transfer was ringing timeout.
- Fixed DP720 can still receive incoming call after long pressing mute key to enable DND function.
- Fixed DP750 issue of CPE closes the TCP connection before sending empty HTTP POST request.
- Fixed DP750 crashed after downloaded some files via TR069.
- Fixed DP720 can't search base even that base have opened subscribe
- Fixed DP760 not able to be managed by DP750 via web when using VLAN

- Fixed DP750 still allows more than 3 current calls under repeater mode, that lead more than 5 channels be used and causes device crashes, now DP750/DP720 will only able to make 2 current calls when enabled Repeater Mode.

## FIRMWARE VERSION 1.0.3.23

### PRODUCT NAME

DP750 and DP720

### DATE

03/14/2017

### IMPORTANT UPGRADING NOTE

- **For DP750/DP720, once upgraded to 1.0.3.23 or above, downgrading to 1.0.3.17 firmware version or lower is not supported.**
- **For DP750/DP720, once upgraded to 1.0.3.17 or above, downgrading to 1.0.2.16 firmware version or lower is not supported.**
- **For DP750/DP720, once upgraded to 1.0.2.16 or above, downgrading to 1.0.1.x firmware version or lower is not supported.**
- **For DP750/DP720, firmware 1.0.0.99 (The first public released beta firmware) and all above can upgrade to 1.0.3.23 directly, no transitional firmware needed.**

### ENHANCEMENT

- Improved maximum concurrent calls from 4 wide-band calls to 5.
- Added Email address to core debug page. [CORE COLLECTION EMAIL]
- Added DP720 factory reset combo key to be able to recover the device during booting up. [DP720 FACTORY RESET DURING BOOTING UP]
- Implemented Handset Provisioning feature. Add warning information to SIP Account Settings and Line Settings Pages if Handset Provisioning enabled. [HANDSET PROVISIONING FEATURE]
- Implemented DP750 Debug Tools that allow generate and submit debug files to Grandstream debug server directly. Add handset notification for base core dump files. [DP750 DEBUG TOOLS]
- Added web UI support to DP750 for repeater management such as display/link/unlink, etc. [REPEATER MANAGEMENT PAGE]
- Removed Tools/alarm menu from DP720 GUI, replaced by Status menu.
- Added keypad tones for non DTMF keys on DP720.
- Added subscribe soft key in idle screen if HS no subscribed on DP720
- Added backup configuration feature. [BACKUP CONFIGURATION]
- Added UPnP discovery feature. [UPNP DISCOVERY]
- Added support for more languages and updated translation.
- Added DP750/DP720 product resource link to DP750 web UI footer at left side.
- Added support for page refresh by Refresh Page button, and added the icons of Refresh Page, Open Subscription and Page All button to icon bar. [ICON BAR WITH SHORTCUT ICON BUTTON]
- Added the ability to customize DP720 ringtones. [CUSTOMIZE DP720 RINGTONES]

- Enhanced factory reset feature by adding options to select Full RESET, RESET without deleting handsets subscription or RESET only deleting handset subscription. [ENHANCED FACTORY RESET]
- Added capability to rename the profile. [RENAME THE PROFILE]
- Added support for Distinctive Ringtone based on a customized SIP Alert-info header
- Added support to upload TXT configuration file, now user can upload TXT configuration file as the same as XML configuration files.
- Added support to auto-refresh on dect status web UI
- Added a new tab named "Support" under Maintenance page for support document, configuration support and debug tools.
- Added DP720 walk through setup wizard after factory rest.
- Added DP750 the ability to send SIP INFO and RFC2833 at same time. [SEND SIP INFO AND RFC2833 AT SAME TIME]
- Added force reboot button to web UI to force reboot DP750 in factory reset page under maintenance section.
- Improved power savings and stability.

## BUG FIX

- Fixed DP720 did not play busy tone in speaker when handset is in speaker mode
- Fixed DP750 UPnP only able to display one DP device at the same time
- Fixed DP750 IP call cannot be redialed
- Removed "Disable Call Waiting Tone" from Profile page, the settings are now under DECT -> Handset Settings now
- Fixed DP750 Music on hold is not sending correct signal for resume
- Fixed DP750: Self-defined time zone field length is too short, increased it from 32 characters to 64
- Fixed DP750 SIP Registration before expiration field value limit is too small, increased it to 64800
- Fixed DP750 SIP Registration failure retry sending duplicated REGISTER packets
- Fixed DP750 cannot unsubscribe the handset after factory reset via TR069
- Fixed DP750 could not make outbound call after handset stay in the off-hook status more than two minutes
- Removed UCM Zero Config template offline download from DP750 web GUI, because DP has official released and the template now can be accessed directly on UCM
- Fixed DP750 cannot factory reset when reset device by TR069
- Fixed DP750 "support tools" online support links are open in self-page and removed offline user manual
- Fixed DP750 Change web port did not tip reboot
- Fixed DP720 contacts cannot display all after browse more than 10 entries
- Fixed DP720 key mapping settings does not working properly
- Fixed DP720 reboot automatically when receiving a call at the same time of successfully saving a new contact
- Fixed DP720 LSK/RSK becomes invalid in Settings menu after fast repeat enter and exit User Settings
- Fixed DP720 ring5 cannot be save and apply to melody

- Fixed DP720 cannot access to submenu or back to idle when unsubscribe it during in the call history interface
- Fixed DP720 did not play busy tone in speaker when handset is in speaker mode
- Fixed DP720 keypad tone is very small
- Fixed HS prompt “Unknown User” when it is not subscribed and pressing keypad from main interface, update the prompt to "Not subscribed"
- Fixed "Check for New Firmware" button does not prompt "the operation successfully" after being clicked
- Fixed handset will lose connection after conference member end the call sometimes
- Fixed when set the SRTP Mode to “enabled and forced”, after answering the second calls, the status of handset will become abnormal
- Fixed handset to prompt "Current account was disabled" instead of "User unknown" when calling using disabled account
- Fixed VLAN settings sometimes does not working properly issue
- Fixed incoming account misrepresented in Circular/Parallel/Shared hunt mode
- Fixed "Disable Call Waiting Caller ID" option does not working
- Fixed reject incoming call from single handset will terminates the call instead of advancing to the next handset in circular/linear mode
- Fixed DP750 is providing incorrect Line status to ACS server
- Fixed the confirmation tone is not played by speaker
- Fixed DP750 inactive SIP accounts triggers No Registration LED
- Fixed the System Info page does not refresh after clicking Check Firmware button
- Changed the “Upgrade” button to “Check for New Firmware” and added firmware version information after the button being pressed
- Fixed after changed IP, user could not access web UI
- Fixed that DP750 can reboot when DP720 is upgrading
- Fixed the value cannot be saved if typing Return key on White/Black list for WAN side
- Fixed account info mismatch when in Parallel or Shared mode
- Fixed DP750 doesn't accept dial plan that works fine on GXP
- Fixed 750 crashes after 24-36 hours of operating time which is caused by incoming parallel call been canceled too soon.

## NEW FEATURES OVERVIEW

This section lists major new features and describes how to use it from the user's point of view.

### CORE COLLECTION EMAIL

- **Web Configuration**

Add email field for core collection tools. Users can leave a contact email to get feedbacks.

⚠ Your device recovered from a crash! Submit logs to Grandstream for troubleshooting?
 Continue Dismiss



[STATUS](#)
[PROFILES](#)
[DECT](#)
[SETTINGS](#)
[MAINTENANCE](#)
[PHONEBOOK](#)


Version 1.0.3

**Maintenance**

- Firmware Upgrade
- Provisioning
- Web/SSH Access
- TR-069
- Security Settings
- Date and Time
- Syslog
- Packet Capture
- Factory Reset
- Support
- Support Documentation
- Configuration Support
- Debug Tools**

## Debug Tools

### Remote Log Submission - Terms & Conditions

The log files listed below are generated automatically if the usability of the device is affected. By clicking the Submit button, you agree to allow the device to send these files to Grandstream to be used for troubleshooting purposes. If possible, please include a comment with information regarding the use of the device when the problem occurred.

As an alternative to the device submitting the files, you may download the files below and submit them to Grandstream manually.

Agree to Terms?  Yes, allow sending of crash logs to Grandstream.

Email Address

Comments

[Submit Files](#)

### Debug Log Files

forced\_core\_cmbs\_nvram\_db\_DP750\_FW\_R1\_0\_3\_21\_MAC\_...\_core.tar Tue Feb 28 15:14:02 2017 [Download](#)

Delete All Files [Delete](#)

Terminate Phone Process [Generate Debug File](#)

### Handset Notification

Prompt Handsets After Recovery?  Yes  No

[Save](#) [Save and Apply](#) [Reset](#)

- New P Values**

Pvalue	Description	Value range	Default
P27774	<New Pvalue> Contact email address for core dump files	String max 256 bit	null

## DP720 FACTORY RESET DURING BOOTING UP

- Web Configuration**

No web configuration needed, this feature is a built-in for all DP720 since 1.0.3.22

- Functionality**

This feature is use combo keys to factory reset DP720 during booting up prior it's fully booted, to give DP720 the ability to recover from some extreme cases like self-reboot or stuck right after booted up.

### The procedure for DP720 factory reset using combo key:

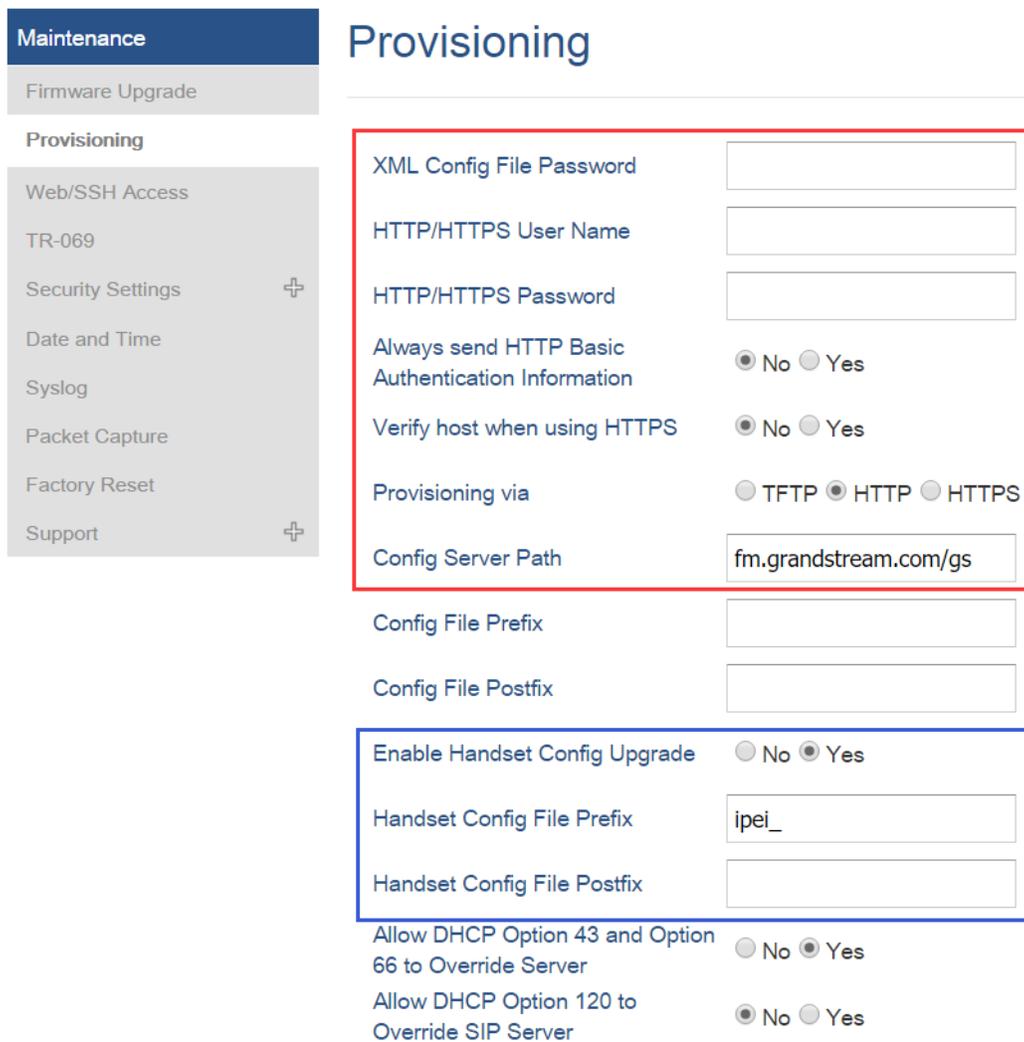
1. Connect the USB cable and power off DP720.
2. Power on DP720 and wait for Green LED.
3. Press 3 times Central Key (OK/Selection Key) quickly after Green LED on.

4. Press Speaker Key (left bottom) first and then Mute Key (right bottom) after Red LED on.
5. DP720 LED will start blinking in 3 colors: Green, Red and Orange if factory reset successful triggered.
6. Wait for about 1-3 minutes, the DP720 will boot up with setup wizard for initial language and date format settings.

## HANDSET PROVISIONING FEATURE

- **Web Configuration**

To configure the handset provisioning, please browse the base station Web GUI at Maintenance -> Provisioning. This is the same page used for base station provisioning. Handset shares the settings of base station provisioning in the field in the red rectangle, and has its own settings in the blue rectangle. After enabled Handset Config Upgrade, need reboot the DP750 to take effect.



<b>Maintenance</b>	
Firmware Upgrade	
<b>Provisioning</b>	
Web/SSH Access	
TR-069	
Security Settings	+
Date and Time	
Syslog	
Packet Capture	
Factory Reset	
Support	+

## Provisioning

XML Config File Password	<input type="text"/>
HTTP/HTTPS User Name	<input type="text"/>
HTTP/HTTPS Password	<input type="text"/>
Always send HTTP Basic Authentication Information	<input checked="" type="radio"/> No <input type="radio"/> Yes
Verify host when using HTTPS	<input checked="" type="radio"/> No <input type="radio"/> Yes
Provisioning via	<input type="radio"/> TFTP <input checked="" type="radio"/> HTTP <input type="radio"/> HTTPS
Config Server Path	<input type="text" value="fm.grandstream.com/gs"/>
Config File Prefix	<input type="text"/>
Config File Postfix	<input type="text"/>
Enable Handset Config Upgrade	<input type="radio"/> No <input checked="" type="radio"/> Yes
Handset Config File Prefix	<input type="text" value="ipei_"/>
Handset Config File Postfix	<input type="text"/>
Allow DHCP Option 43 and Option 66 to Override Server	<input type="radio"/> No <input checked="" type="radio"/> Yes
Allow DHCP Option 120 to Override SIP Server	<input checked="" type="radio"/> No <input type="radio"/> Yes

**Provisioning via:** Choose the method that the base station uses to request handset ipei config file. Can use TFTP, HTTP or HTTPS.

**Config Server Path:** Defines the server path for provisioning. Do not prepend address with "http://" or any other protocol.

**Handset Config File Prefix:** If configured, only the handset configuration file with the matching encrypted prefix will be downloaded and flashed into the device.

**Handset Config File Postfix:** If configured, only the handset configuration file with the matching encrypted postfix will be downloaded and flashed into the device.

- **Functionality**

When a DP720 registers to a DP750 for the first time or an already registered handset boots up, the DP750 will send a provisioning request for a file on the configured provisioning server, with location "Config\_Server\_Path/[Prefix][HS IPEI].xml[Postfix]". For example, if handset's IPEI number is 02c332b510, prefix is "ipei\_", postfix is null, and config server path is "fw.grandstream.com/gs", the request URL is "fw.grandstream.com/gs/ipei\_02c332b510.xml".

### Example Configuration File

```
<?xml version="1.0" encoding="UTF-8"?>
<hs_config>
  <ipei>02c332b510</ipei>
  <hs_name>HS 1FEDE</hs_name>
  <sip>
    <line>
      <display_name>1FEDE_Line_1</display_name>
      <profile_name>profile1</profile_name>
      <user_id>5328</user_id>
      <auth_id>5328</auth_id>
      <password>password</password>
      <ring_type>DID</ring_type>
    </line>
  </sip>
  <hs_settings>
    <force_apply>1</force_apply>
    <admin>
      <disable_private_phonebook>0</disable_private_phonebook>
      <disable_shared_phonebook>0</disable_shared_phonebook>
      <disable_conference>0</disable_conference>
      <disable_transfer>0</disable_transfer>
      <custom_ringtone>2</custom_ringtone>
    </admin>
  </hs_settings>
  <user>
```

```

<auto_answer>0</auto_answer>
<cradle_answer>0</cradle_answer>
<cradle_answer>0</cradle_answer>
<remote_disconnect_tone_disable>0</remote_disconnect_tone_disable>
<disable_callwaiting_tone>0</disable_callwaiting_tone>
<lcd_backlight_cradle>0</lcd_backlight_cradle>
<key_up_idle_function>4</key_up_idle_function>
<key_down_idle_function>3</key_down_idle_function>
<key_left_idle_function>12</key_left_idle_function>
<key_right_idle_function>11</key_right_idle_function>
<key_up_call_function>0</key_up_call_function>
<key_down_call_function>0</key_down_call_function>
<key_left_call_function>14</key_left_call_function>
<key_right_call_function>13</key_right_call_function>
<left_softkey_idle_function>1</left_softkey_idle_function>
<right_softkey_idle_function>7</right_softkey_idle_function>
<left_softkey_call_function>16</left_softkey_call_function>
<right_softkey_call_function>17</right_softkey_call_function>
<mute_as_dnd>0</mute_as_dnd>
</user>
</hs_settings>
</hs_config>

```

For more detailed information, please go to DP750/DP720 [product page](#), at How to Guide section, found the [Handset Provisioning Guide](#).

- **New P Values**

Pvalue	Description	Value range	Default
P27014	<New Pvalue> Enable Handset Config Upgrade	0 – No 1 – Yes	0 – No
P27015	<New Pvalue> Handset Config File Prefix.	String	ipei_
P27016	<New Pvalue> Handset Config File Postfix.	String	NULL

## DP750 DEBUG TOOLS

- **Web Configuration**

User can find the new option at Web ->Maintenance -> Support -> Debug Tools.

- Maintenance
- Firmware Upgrade
- Provisioning
- Web/SSH Access
- TR-069
- Security Settings +
- Date and Time
- Syslog
- Packet Capture
- Factory Reset
- Support -
- Support Documentation
- Configuration Support
- Debug Tools

## Debug Tools

### Remote Log Submission - Terms & Conditions

The log files listed below are generated automatically if the usability of the device is affected. By clicking the Submit button, you agree to allow the device to send these files to Grandstream to be used for troubleshooting purposes. If possible, please include a comment with information regarding the use of the device when the problem occurred.

As an alternative to the device submitting the files, you may download the files below and submit them to Grandstream manually.

Agree to Terms?  Yes, allow sending of crash logs to Grandstream.

### Debug Log Files

NO LOG FILES

Terminate Phone Process [Generate Debug File](#)

### Handset Notification

Prompt Handsets After Recovery?  Yes  No

[Save](#) [Save and Apply](#) [Reset](#)

(Screenshot without debug log file)

- Maintenance
- Firmware Upgrade
- Provisioning
- Web/SSH Access
- TR-069
- Security Settings +
- Date and Time
- Syslog
- Packet Capture
- Factory Reset
- Support -
- Support Documentation
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## Debug Tools

### Remote Log Submission - Terms & Conditions

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As an alternative to the device submitting the files, you may download the files below and submit them to Grandstream manually.

Agree to Terms?  Yes, allow sending of crash logs to Grandstream.

Comments	Something abnormal happens to my DP750 and DP720, please take a look of my debug log files, thanks. --Shawn
----------	---

[Submit Files](#)

### Debug Log Files

forced\_core\_cmbs\_nvram\_db\_DP750\_FW\_R1\_0\_3\_17\_MAC\_000B82870905\_core.tar Tue Jan 24 10:25:29 2017 [Download](#)

Delete All Files [Delete](#)

Terminate Phone Process [Generate Debug File](#)

### Handset Notification

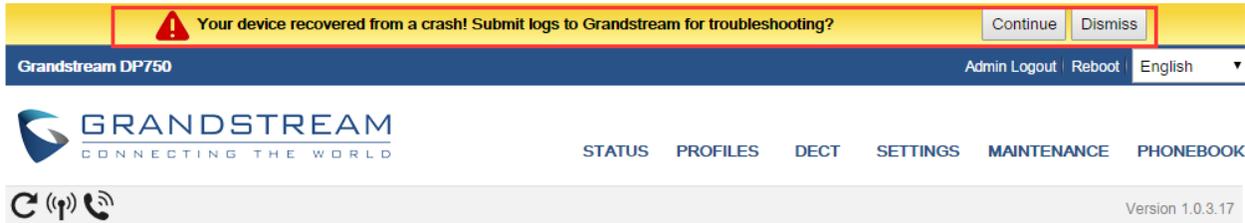
Prompt Handsets After Recovery?  Yes  No

[Save](#) [Save and Apply](#) [Reset](#)

(Screenshot with debug log file)

- **Functionality**

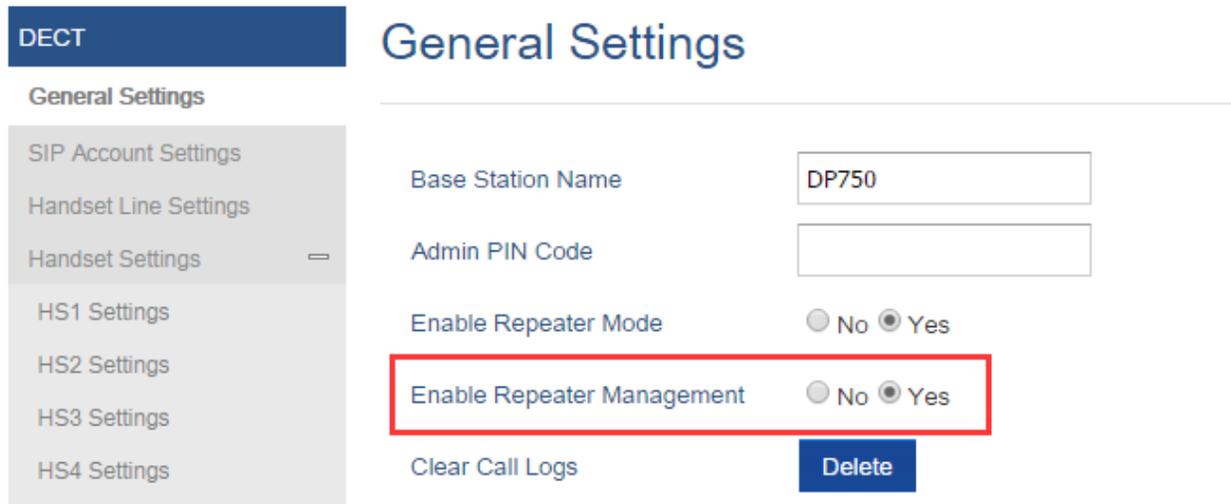
Allow user to generate debug log file and submit it to Grandstream debug server, or submit existing debug log file that self-generated from device crash. Grandstream will not collect any information without customers acknowledged and permissions. It will only send debug log file every time customer clicks the “Submit Button”, after file successfully been sent, the old one will be deleted. Also when there is any debug log files exist, the web UI will prompt it to user every time login:



Pvalue	Description	Value range	Default
P27751	<New Pvalue> Agree to terms to allow sending crash logs to Grandstream.	0 – No 1 – Yes	1 – Yes
P27753	<New Pvalue> Configure if prompt handset if there are debug log files exist.	0 – No 1 – Yes	0 – No

## REPEATER MANAGEMENT PAGE

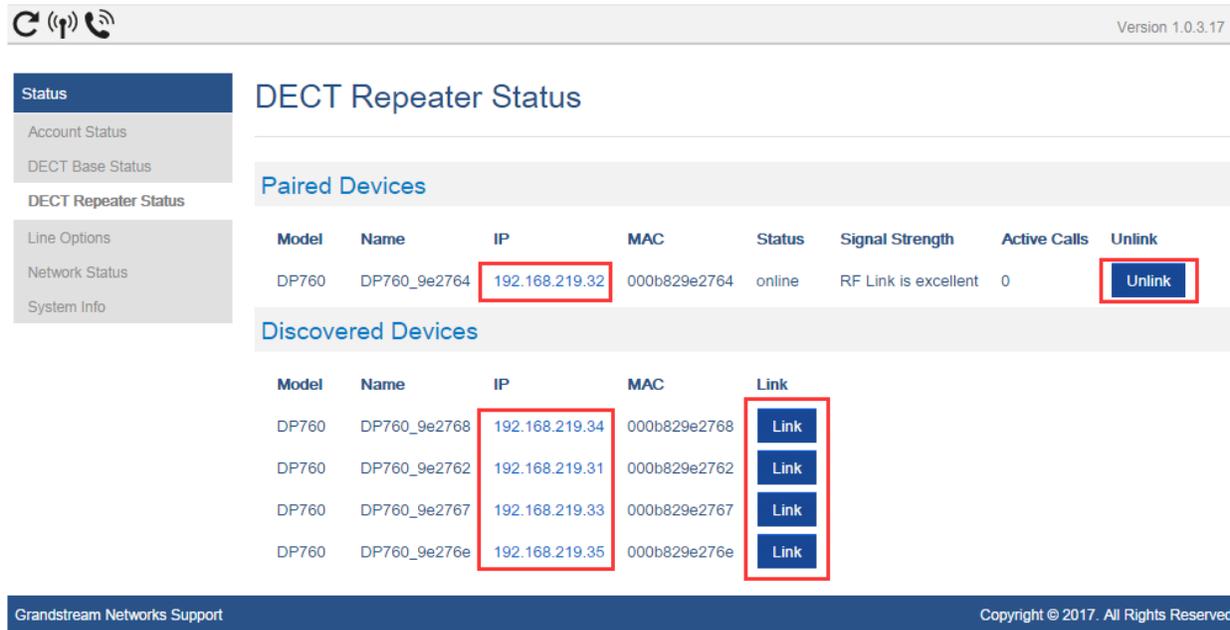
- **Web Configuration**



- **Functionality**

After enabled Repeater Management, please reboot the base station first to take effect. Then login web UI

and browse to Status page, you will find the new tab names: DECT Repeater Status pages. In which you can find all the paired devices and discovered devices, you can simply link and unlink the repeater by click the button. You can also access the web UI of the repeaters by click the IP links.



The screenshot shows the 'DECT Repeater Status' web interface. On the left is a navigation menu with 'Status' selected. The main content area is divided into two sections: 'Paired Devices' and 'Discovered Devices'. In the 'Paired Devices' table, the IP '192.168.219.32' and the 'Unlink' button are highlighted with red boxes. In the 'Discovered Devices' table, the IP addresses '192.168.219.34', '192.168.219.31', '192.168.219.33', and '192.168.219.35' are highlighted with red boxes, along with their respective 'Link' buttons.

Pvalue	Description	Value range	Default
P27019	<New Pvalue> Enable Repeater Management feature, need reboot device to take effect.	0 – No 1 – Yes	0 – No

## BACKUP CONFIGURATION

- Web Configuration**

User can find the new option at Web -> Maintenance -> Provisioning. (at the bottom of the page)



The screenshot shows the 'Backup Configuration' web interface. It features a 'Backup Settings' button and a list of configuration files. One file is listed: 'cfg000B82870905-2017-01-05-16-54-13.xml Thu Jan 5 16:54:28 2017 Download'. Below the list is a 'Delete' button.

- Functionality**

Click "Backup Settings" Button, device will generate an xml config file storing all the current configuration on device itself. After clicked, please wait a few seconds then click the refresh button on the page icon bar or wait for the page self-refresh, you will found the xml list to download then. And support maximum 10 backup files. When it reaches 10 entries this feature will be disabled and the web UI will looks like below:

## Backup Configuration

Backup Configuration

DISABLED (MAX OF 10 CONFIG FILES REACHED)

[cfg000B82870905-2017-01-05-16-54-13.xml Thu Jan 5 16:54:28 2017 Download](#)  
[cfg000B82870905-2017-01-24-11-20-59.xml Tue Jan 24 11:21:14 2017 Download](#)  
[cfg000B82870905-2017-01-24-11-22-17.xml Tue Jan 24 11:22:32 2017 Download](#)  
[cfg000B82870905-2017-01-24-11-23-41.xml Tue Jan 24 11:23:57 2017 Download](#)  
[cfg000B82870905-2017-01-24-11-24-08.xml Tue Jan 24 11:24:24 2017 Download](#)  
[cfg000B82870905-2017-01-24-11-24-55.xml Tue Jan 24 11:25:10 2017 Download](#)  
[cfg000B82870905-2017-01-24-11-26-38.xml Tue Jan 24 11:26:52 2017 Download](#)  
[cfg000B82870905-2017-01-24-11-26-59.xml Tue Jan 24 11:27:15 2017 Download](#)  
[cfg000B82870905-2017-01-24-11-27-15.xml Tue Jan 24 11:27:31 2017 Download](#)  
[cfg000B82870905-2017-01-24-11-27-39.xml Tue Jan 24 11:27:55 2017 Download](#)

Caution: Click Delete button will delete all the configuration, please download all the configuration files before you click the “Delete” button, after configuration files been delete, the UI will looks like below:

## Backup Configuration

Backup Configuration

Backup Settings

Backup Configuration

NONE

## UPNP DISCOVERY

- Web Configuration**

User can find the new option at Web -> Settings -> Networks Settings -> Advanced Settings.

### UPnP Discovery Settings

Enable UPnP discovery

No  Yes

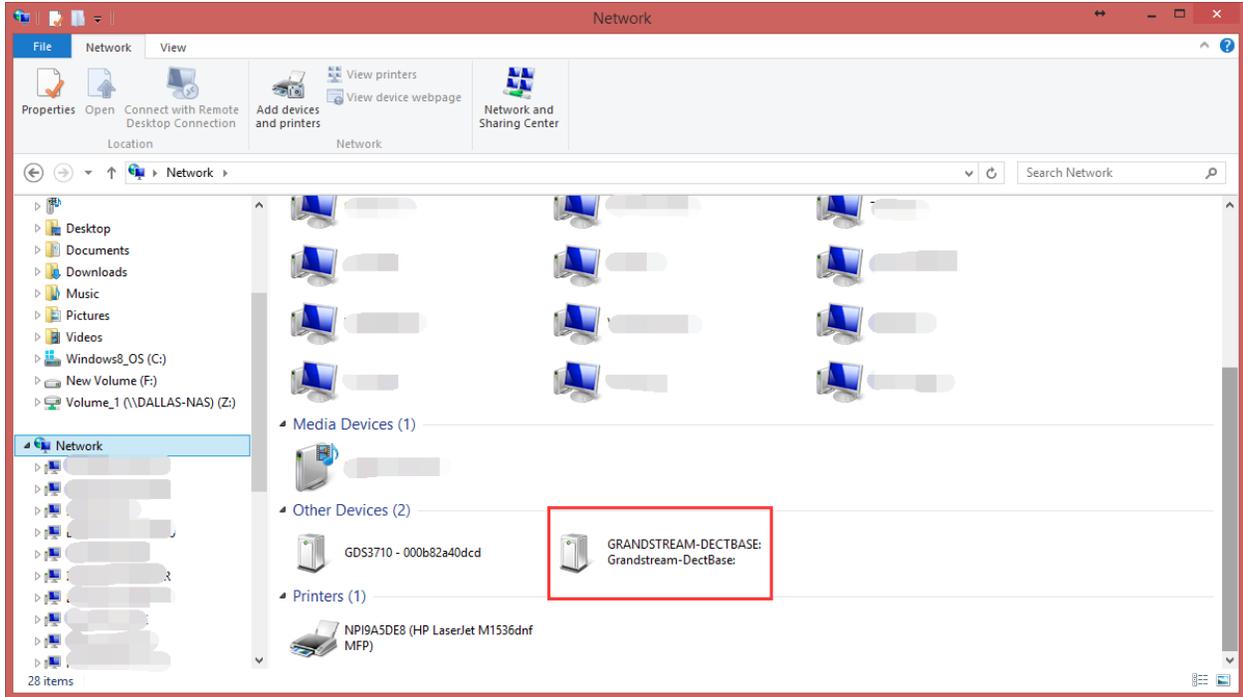
UPnP discovery notify interval

30

- Functionality**

Enables UPnP discovery feature. After enabled, if you have a PC in the same network of DP750, you can browse it directly in your Network. Double click the device will open its web GUI in your default browser.

The UPnP Discovery notify interval is set how often it will refresh to find the device, default interval is 30 seconds.



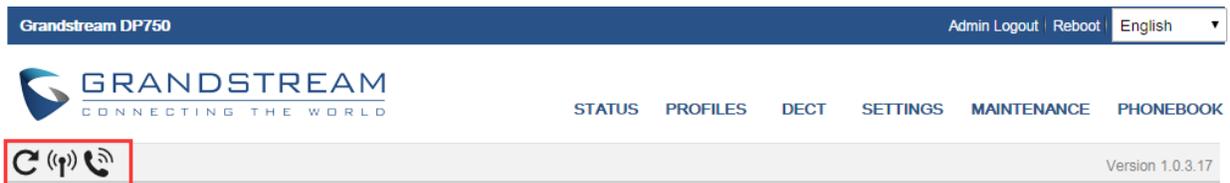
- **New P Values**

Pvalue	Description	Value range	Default
P27756	<New Pvalue> P value to enable/disable UPnP discovery	0 or 1 0: No (Disabled) 1: Yes (Enabled)	1
P27757	<New Pvalue> Pvalue to set the interval of UPnP discovery notify	15 - 86400 (seconds)	30

### ICON BAR WITH SHORTCUT ICON BUTTON

- **Web Configuration**

User can find the icon bar right below the main menu of every page.



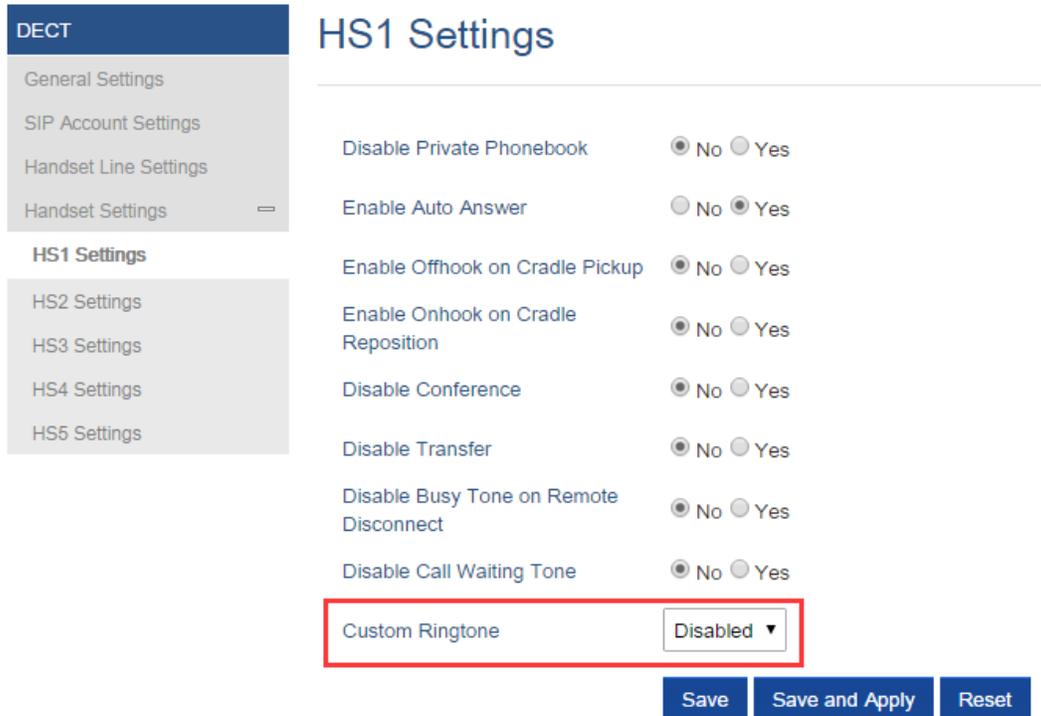
- **Functionality**

The first icon is click to refresh the current page. The second icon is used to enable subscription. The third icon is used to page all the handset.

## CUSTOMIZE DP720 RINGTONES

- **Web Configuration**

Once use firmware provisioning method uploaded .bin ringtone files, users can assign custom ringtone to specific handset at Web -> DECT -> Handset Settings.



The screenshot shows the 'DECT' menu on the left with 'HS1 Settings' selected. The main content area is titled 'HS1 Settings' and contains several toggle options:

- Disable Private Phonebook:  No  Yes
- Enable Auto Answer:  No  Yes
- Enable Offhook on Cradle Pickup:  No  Yes
- Enable Onhook on Cradle Reposition:  No  Yes
- Disable Conference:  No  Yes
- Disable Transfer:  No  Yes
- Disable Busy Tone on Remote Disconnect:  No  Yes
- Disable Call Waiting Tone:  No  Yes

The 'Custom Ringtone' dropdown menu is highlighted with a red box and currently shows 'Disabled' with a downward arrow. Below the settings are three buttons: 'Save', 'Save and Apply', and 'Reset'.

- **Functionality**

DP750/DP720 now support customized ringtones now. It takes up to 10 ringtone files which have been named as ring1.bin to ring10.bin, and you can assign one ringtone to each handset in the web UI as the screenshot above.

### Steps of configuring a custom ringtone to a handset:

1. Get ringtone files that are accepted by DP devices. DP750 and DP720 only support .bin ringtone files. Please use the ring generator tools named "Grandstream IP Phone Custom Ringtone Generator" at our official website: <http://www.grandstream.com/support/tools>  
Each ringtone file can maximum be 128KB and have to be named in ringX.bin, X can be 1 to 10.
2. Put the ringX.bin file under the firmware provisioning path, reboot DP750, it will fetch the .bin ringtone file in the same way as fetch firmware.
3. After DP750 booted up, browser to Web -> DECT -> HS Settings, at the Custom Ringtone, you will see the uploaded ringtone listed under the drop down box. Select the one you want to use for each handset.
4. Save and Apply, wait the DP720 fully downloaded the ringtone, you will be able to set DP720 to use that ringtone.

Each handset only able to use one custom ringtone and DP750 maximum support 10 custom ringtones. You might need refresh the page of HSx Settings page to display the uploaded ringtone. Below is screenshot of how it looks like when there is a custom ringtone.

**DECT**

General Settings

SIP Account Settings

Handset Line Settings

Handset Settings

---

**HS1 Settings**

HS2 Settings

HS3 Settings

HS4 Settings

HS5 Settings

## HS1 Settings

---

Disable Private Phonebook

Enable Auto Answer

Enable Offhook on Cradle Pickup

Enable Onhook on Cradle Reposition

Disable Conference

Disable Transfer

Disable Busy Tone on Remote Disconnect

Disable Call Waiting Tone

Custom Ringtone

No  Yes

Disabled

/var/user/handset/ringtones/ring2.bin

### ENHANCED FACTORY RESET

- Web Configuration**

User can set DP750 reset button behavior at Web -> Maintenance -> Factory Reset:

**Maintenance**

Firmware Upgrade

Provisioning

Web/SSH Access

TR-069

Security Settings

Date and Time

Syslog

Packet Capture

---

**Factory Reset**

Support

## Force Reboot/Factory Reset

---

Force Reboot

Reset Type

Perform Selected Reset

---

Configure Web UI Button

Reset Type

---

Configure Hardware Button

Reset Type

- Functionality**

Allow user to configure the behavior of Web UI reset button and hardware button on device itself.

There are 3 reset type for Web UI button:

1. Full Factory Reset - This will reset all the settings.
2. NVRAM Settings Only - This will reset all the settings except subscription information, so the handset will stay in subscribed after reset, but all the other settings like account info, call settings, audio settings, etc. will be reset.
3. DECT Settings Only – This will reset only the subscription (wipe out all the subscription information), but keep all the other settings like account, SIP settings.

There are 4 reset types for Hardware button:

1. Full Factory Reset - This will reset all the settings.
2. NVRAM Settings Only - This will reset all the settings except subscription information, so the handset will stay in subscribed after reset, but all the other settings like account info, call settings, audio settings, etc. will be reset.
3. DECT Settings Only – This will reset only the subscription (wipe out all the subscription information), but keep all the other settings like account, SIP settings.
4. Disabled – This will disable the hardware button to factory reset the base for security purpose.

- **New P Values**

Pvalue	Description	Value range	Default
P27766	<New Pvalue> Pvalue to set the behavior of Web UI reset button.	0: Full Factory Reset 3: NVRAM Settings Only 4: DECT Settings Only	0
P88	<New Pvalue> Pvalue to set the behavior of hardware reset button.	0: Full Factory Reset 3: NVRAM Settings Only 4: DECT Settings Only 1: Disabled	0

## RENAME THE PROFILE

- **Web Configuration**

User can set DP750 each profile's name at Web -> Profiles -> each profile tab.



The screenshot shows the 'General Settings' page for 'Profile 1'. The 'Profile Name' field is highlighted with a red box and contains the text 'profile1'. Other fields include 'Profile Active' (radio buttons for No and Yes), 'SIP Server' (192.168.254.5), and 'Failover SIP Server' (empty).

- **Functionality**

Custom the name of the profile, this profile name also been used in handset config provisioning for validation. By default, the value are profile1 – profile4.

- **New P Values**

Pvalue	Description	Value range	Default
P27762	<New Pvalue> Pvalue to set the name of profile 1	String	profile1
P27763	<New Pvalue> Pvalue to set the name of profile 2	String	profile2
P27764	<New Pvalue> Pvalue to set the name of profile 3	String	profile3
P27765	<New Pvalue> Pvalue to set the name of profile 4	String	profile4

### SEND SIP INFO AND RFC2833 AT SAME TIME

- **Web Configuration**

User can set DP750 each profile's name at Web -> Profiles -> each profile tab -> Audio Settings.

## Audio Settings

**DTMF Settings**

Send DTMF  in-audio  via RTP (RFC2833)  via SIP INFO

Disable DTMF Negotiation  No  Yes

DTMF Payload Type

- **Functionality**

DP750 used to able to select one of the DTMF type out of in-audio, RFC2833 and SIP INFO, now the option changed from drop down box single-select to multiple check box. So use can choose to use multiple types at the same type.

- **New P Values**

Pvalue	Description	Value range	Default
P2301	<New Pvalue> Pvalue to set if in-audio DTMF type enabled for profile 1	0 – not checked 1 - checked	0
P2302	<New Pvalue> Pvalue to set if RFC2833 DTMF type enabled for profile 1	0 – not checked 1 - checked	1

P2303	<New Pvalue> Pvalue to set if SIP INFO DTMF type enabled for profile 1	0 – not checked 1 - checked	0
P2401	Pvalue to set if in-audio DTMF type enabled for profile 2	0 – not checked 1 - checked	0
P2402	<New Pvalue> Pvalue to set if RFC2833 DTMF type enabled for profile 2	0 – not checked 1 - checked	1
P2403	<New Pvalue> Pvalue to set if SIP INFO DTMF type enabled for profile 2	0 – not checked 1 - checked	0
P2501	Pvalue to set if in-audio DTMF type enabled for profile 3	0 – not checked 1 - checked	0
P2502	<New Pvalue> Pvalue to set if RFC2833 DTMF type enabled for profile 3	0 – not checked 1 - checked	1
P2503	<New Pvalue> Pvalue to set if SIP INFO DTMF type enabled for profile 3	0 – not checked 1 - checked	0
P2601	Pvalue to set if in-audio DTMF type enabled for profile 4	0 – not checked 1 - checked	0
P2602	<New Pvalue> Pvalue to set if RFC2833 DTMF type enabled for profile 4	0 – not checked 1 - checked	1
P2603	<New Pvalue> Pvalue to set if SIP INFO DTMF type enabled for profile 4	0 – not checked 1 - checked	0

## FIRMWARE VERSION 1.0.2.16

### PRODUCT NAME

DP750 and DP720

### DATE

08/11/2016

### IMPORTANT UPGRADING NOTE

- **For DP750/DP720, once upgraded to 1.0.2.16 or above, downgrading to 1.0.1.x firmware version or lower is not supported.**

### ENHANCEMENT

- Added support for entering Plus Button '+' in DP720
- Added DP720 LCD auto turn on feature when pickup from or reposition to charger
- Added Access Control List to control access to web and SSH interfaces [ACCESS CONTROL LIST]
- Added option to enable/disable TR-069 [ENABLE/DISABLE TR-069]
- Added status display as "Normal" when core dump list is empty [CORE DUMP LIST STATUS]
- Added support for HTTPS web access [HTTPS WEB ACCESS]
- Added initial support for Repeater mode [INITIAL SUPPORT FOR REPEATER]
- Added Admin/User Guides and Drilling Template to web GUI support page [DOCUMENTS ADDED TO SUPPORT PAGE]
- Added headset detection and icon for DP720 dial mode screen
- Added Serbian, Slovakian and Swedish languages. Improved support for Czech, Dutch, German, Hebrew, Japanese, Korean, Turkish, Polish languages. [LANGUAGES UPDATED]

### BUG FIX

- Fixed DP750 will be "no service" if handset receives incoming call just when make new conference call
- Fixed enable Automatic XML Phonebook Download function was invalid
- Fixed after dial out code star feature, FXS LED keep blinking
- Fixed Priority value for RTP media for layer 2 QoS Settings always be 0 after changed values
- Fixed when handset default line set to none at base side, then change default line from handset side will make base server down.
- Fixed DP750 does not taking IP address from networks with LLDP option enabled
- Fixed incoming call not always rejected when HS is off hook
- Fixed NAPTR/SRV setting does not work
- Fixed DP750 does not taking IP address from networks with LLDP option enabled.
- Fixed "Add Auth Header On Initial REGISTER" option does not work

- Fixed DUT will leave a hold call when transfer failed
- Fixed after receiving incoming call with parallel/share mode some handsets cannot ring in page function
- Fixed call forwarding settings only allow 8 - 10 digits
- Changed DP720 menu "Line Status" in Call Settings to "Lines" for more accurate description
- Fixed handset cannot auto answer paging
- Fixed handset cannot display incoming calls when stay in factory reset confirm interface
- Change menu "Number" in Set Voice Mail to "VM Access Number" for more intuitive description
- Fixed call log sometimes record wrong duration time
- Fixed change ring tone would lead to the volume of call become bigger
- Fixed in contact 'search' interface, "delete" option displays as "back"
- Fixed call waiting tone only play once
- Fixed if click "reboot" option during calling, device does not reboot after called automatically
- Fixed "Number" field is empty when editing XML phonebook contact if phone type is "WORK"
- Fixed deleting all shared contacts might delete other handsets' private contacts
- Fixed Broadsoft IOT related bug that Invite with Alert-info is not playing desired tone
- Fixed Broadsoft IOT related bug that Inband DTMF not working
- Fixed Broadsoft IOT related bug that add ability to bridge conference before third party answers
- Fixed Broadsoft IOT Call transfer issue
- Fixed Broadsoft IOT related issue that in Call Manager "answer call" and "hold" function not working correctly
- Fixed handset can press conference or other options when it is in early media
- Fixed DUT could not call out after removing second line with same account
- Fixed when answer the 2nd call, remote side would hear a serious noise.
- Fixed call manager "answer call" and "hold" function not working correctly
- Fixed ringtone volume cannot restore in next incoming call after adjust ringtone volume to minimum during incoming call
- Fixed if the length of sip settings value is bigger than 12 characters in web, the handset side would display blank
- Fixed handset cannot make new call directly on contacts.
- Fixed no clock display during calling
- Fixed DP720 does not play out audio with professional Sennheiser mono headset, neither single SC230 nor dual SC262
- Fixed if click press "speaker" key quickly after off hook, audio channel will not switch to the speaker
- Fixed handset does not play ringtone when receiving incoming call in parallel or shared mode, and it cannot answer the call
- Fixed when transfer a call, device will send INVITE to the third party before sending REFER
- Fixed device will fail to transfer if the first session is hold, then handset will always prompt user unknown when calling
- Fixed handset will not play CW tone if it is in select contact UI
- Fixed digits not sent to base when 24-digit number entered via on-hook dialing (limit to 20 digits)
- Fixed speaker icon was not disappeared but actually HS was in earpiece mode

- Fixed handset lacks characters "" and "&"
- Fixed handset auto-save the volume after adjusted the alarm volume without saving
- Fixed melody setting in individual contact is not working
- Fixed handset will crash if pressing '1' or '4' key just when booting up
- Fixed handset info displayed new IP address after saving new static IP in handset without reboot
- Fixed "Delayed Call Forward Wait Time" option on web is invalid
- Fixed sometimes base will still ring next handset but server already cancels the call
- Fixed direct dial on contact menu will only dial out via contact's home number
- Fixed DNS Settings is inconsistency between DNS Server 1, DNS Server 2 and Preferred DNS Server
- Fixed after back to main menu, the icon used to indicate there are Missed Calls and Voice Messages disappeared
- Fixed DP720 Speed dial only display first name which should be both first name and last name
- Fixed if handset play standard ring tone before off hook it will in speaker mode
- Fixed the contact cannot be saved with more than 35 characters
- Fixed DUT can re-dial with outgoing number is empty
- Fixed the redial option cannot be used if "Use # as Dial Key" is set to NO
- Fixed after handset selected another base the original base still marked this handset as online
- Fixed the session will be hung up if unplug headset during the call
- Fixed when handset hold the call, FXS led did not blink
- Fixed DUT as transferee cannot back to call if transfer failed
- Fixed if press back key when loading contact in speed dial menu HS will back to main interface
- Fixed if handset generate two missed call history at the same time, the first missed call history name would display blank
- Fixed the call history display order is not from latest to oldest
- Fixed handset does not display LDAP contacts
- Fixed after receiving incoming call with parallel/share mode device always responded 408
- Fixed handset will display error when search LDAP contacts
- Fixed Web GUI cannot be accessed when use PPOE mode
- Fixed Web GUI cannot be accessed when use Qos2
- Fixed handset search contacts function does not work
- Fixed if the third party answers & ends the call quickly the original session will be abnormal
- Fixed handset will auto exit new call UI if receiving incoming call during new call process
- Fixed HS did not auto answer the call from contact that has been configured melody
- Fixed user cannot check sip server name in sip settings by pressing right soft key
- Fixed handset status did not update base mac address after subscribed another base
- Fixed the name of right soft key is displayed as "delete" but actually there is no entry
- Fixed missed call LED still flash after viewing all missed call logs
- Fixed Session Expiration value can set to small then Min-SE value
- Fixed HS cannot update CID while in alerting state
- Fixed it will not record missed call in Parallel and Shared mode
- Fixed SIP accounts cannot register to Failover SIP Server except account 1

- Fixed it will not record accepted call in Parallel and Shared mode
- Fixed DUT will not play melody ringtone when handset stay in contact list interface
- Fixed handset popped up menu for a moment every time it received incoming call
- Fixed if edit dialing number that more than 20 characters on call history HS will be block in blank interface
- Fixed remote end also heard the CW tone which was generated by HS
- Fixed device does not respond 486 if HS calls to internal HS with the fourth call
- Fixed if HS is in status UI when BS boots up the HS will not register to BS
- Fixed battery icon need change to white color icon
- Fixed green button is not always act as "Send" when making transfer and conference call

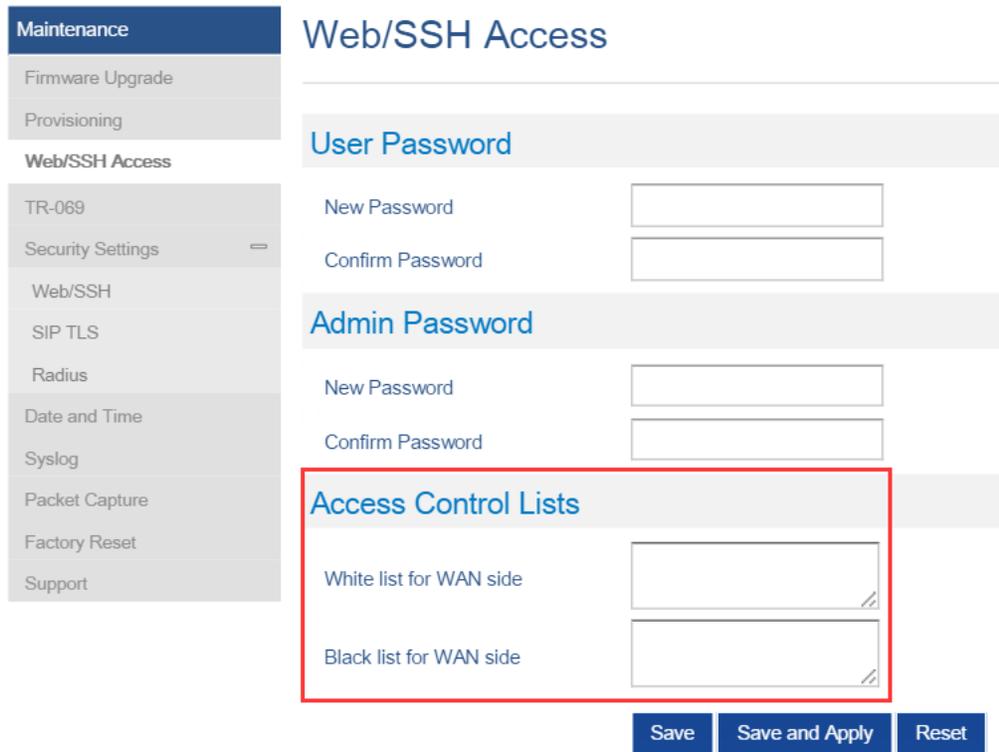
## NEW FEATURES OVERVIEW

This section lists major new features and describes how to use it from the user's point of view.

### ACCESS CONTROL LIST

- Web Configuration**

These settings can be found at Web -> Maintenance -> Web/SSH Access



**Maintenance**

- Firmware Upgrade
- Provisioning
- Web/SSH Access**
- TR-069
- Security Settings
- Web/SSH
- SIP TLS
- Radius
- Date and Time
- Syslog
- Packet Capture
- Factory Reset
- Support

## Web/SSH Access

### User Password

New Password

Confirm Password

### Admin Password

New Password

Confirm Password

### Access Control Lists

White list for WAN side

Black list for WAN side

**Save** **Save and Apply** **Reset**

- Functionality**

If added IP address to White list for WAN side field, then only the IP address in white list can access Web and Telnet.

If added IP address to Black list for WAN side field, then The IP address in black list will cannot access Web or Telnet.

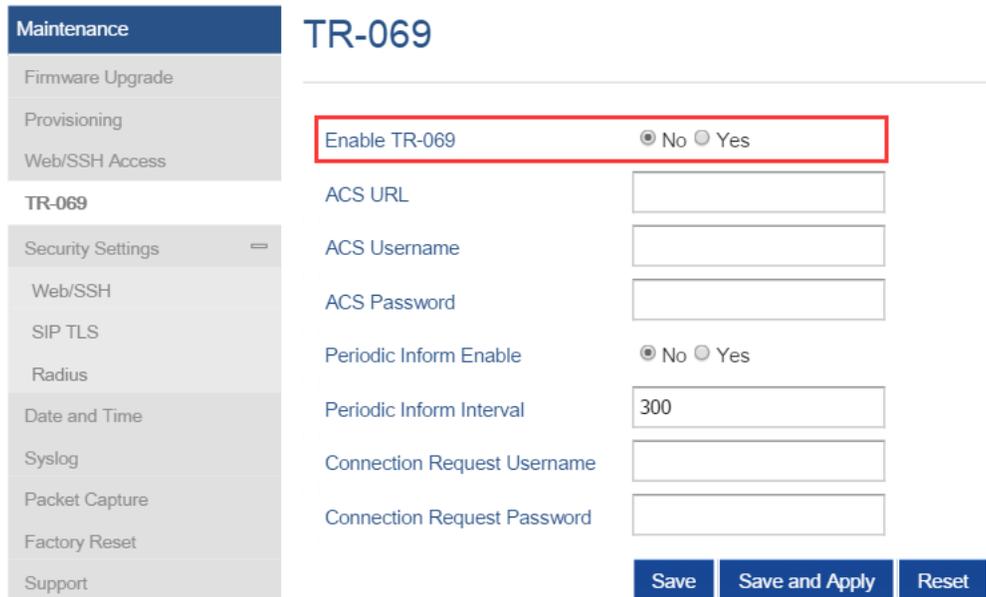
- New P Values**

Pvalue	Description	Value range	Default
P20701	<New Pvalue> White list for WAN side.	ipaddress	
P20702	Black list for WAN side.	ipaddress	

### ENABLE/DISABLE TR-069

- Web Configuration**

User can find the new option at Web ->Maintenance -> TR-069.



- **Functionality**

Allow user to enable and disable TR-069 function.

Pvalue	Description	Value range	Default
P1409	<New Pvalue> Enable or disable TR-069.	0 - No 1 - Yes	0 - No

## CORE DUMP LIST STATUS

- **Web Configuration**



- **Functionality**

If there is no Core Dump file, display a "Normal" Status.

## HTTPS WEB ACCESS

- **Web Configuration**

User can find the new option at Web -> Maintenance -> Security Settings -> Web/SSH.

**Maintenance**

Firmware Upgrade

Provisioning

Web/SSH Access

TR-069

Security Settings ≡

**Web/SSH**

SIP TLS

Radius

Date and Time

Syslog

Packet Capture

Factory Reset

Support

## Web/SSH Settings

---

HTTP Web Port

HTTPS Web Port

Web Access Mode  HTTPS  HTTP

Disable SSH  No  Yes

SSH Port

- **Functionality**

New options added to allow user to enable HTTPS Web Access Mode and config HTTPS Web Port. After enabled HTTPS mode, will need reboot the DP750 to take effect the settings. Then can access the device by <https://IPADDRESS:PORTS>, for example: <https://192.168.1.18:443>

- **New P Values**

Pvalue	Description	Value range	Default
P27010	<New Pvalue> Port for HTTPS web access. The default setting is 443	1 - 65535	443
P1650	<New Pvalue> Sets the protocol for the web interface.	0 or 1 0: HTTPS 1: HTTP	1

### INITIAL SUPPORT FOR REPEATER

- **Web Configuration**

User can find the new option at Web -> DECT -> General Settings. A new option “Enable Repeater Mode” is added.

**DECT**

## General Settings

- General Settings
- SIP Account Settings
- Handset Line Settings

Base Station Name

Admin PIN Code

Enable Repeater Mode  No  Yes

Clear Call Logs

### Handset Settings

Handset	Handset Name	Handset Phonebook	Offhook Auto-dial
HS1	<input type="text" value="HS1"/>	<input type="text" value="PB1"/>	<input type="text"/>
HS2	<input type="text" value="HS2"/>	<input type="text" value="PB2"/>	<input type="text"/>
HS3	<input type="text" value="HS3"/>	<input type="text" value="PB3"/>	<input type="text"/>
HS4	<input type="text" value="HS4"/>	<input type="text" value="PB4"/>	<input type="text"/>
HS5	<input type="text" value="HS5"/>	<input type="text" value="PB5"/>	<input type="text"/>

- Functionality**

Add initial support for repeater function. Add option to enable /disable repeater mode, the change for this option will need reboot DP750 to take effect.

Right now GS's repeater hasn't official released and DP750 only support EU repeater, we will add support for US repeater later.

**Step to Pair a repeater:**

1. Make sure you base is in EU region, display in Web GUI as below:

Base DECT RF Region                      EU

2. Make sure your repeater is EU standard.
3. Set Enable Repeater Mode to "Yes", Click Save and Apply, then reboot base take effect the settings.
4. Click "Subscribe" button in Web -> Status -> DECT Status as below screenshot or long press Page button on DP750 for 7 7 seconds to open subscription:

Open Subscription



5. Repeater will automatically pair to DP750
6. We don't have feature to display repeater connection status right now, but repeater LED should show the connection established.

- **New P Values**

Pvalue	Description	Value range	Default
P20002	<New Pvalue> Pvalue to enable/disable base station repeater mode.	0 or 1 0: No (Disabled) 1: Yes (Enabled)	0

## DOCUMENTS ADDED TO SUPPORT PAGE

- **Web Configuration**

User can find the new item at Web -> Maintenance -> Support. Offline Admin/User Guide and Drilling Template can be download from DP750 now.

**Maintenance**

- Firmware Upgrade
- Provisioning
- Web/SSH Access
- TR-069
- Security Settings
- Web/SSH
- SIP TLS
- Radius
- Date and Time
- Syslog
- Packet Capture
- Factory Reset

**Support**

## Support

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### Online Support

- DP750 Product Page [Cordless IP Phones | Grandstream Networks](#)
- Support Tools [Tools | Grandstream Networks](#)

### Offline Support

- Administration Guide [DP750/DP720 Administration Guide](#)
- User Guide [DP750/DP720 User Guide](#)
- Drilling Template [MD Hole Location for Wall Mount](#)

### Download Default Device Configuration

- Default Device Config (Text) [Download](#)
- Default Device Config (XML) [Download](#)

### Download UCM Zero Config Template

- Versions 1.0.10.43 to latest [Download](#)
- Versions 1.0.10.38 to 1.0.10.42 [Download](#)
- Versions 1.0.10.1 to 1.0.10.37 [Download](#)

Save
Save and Apply
Reset

## LANGUAGES UPDATED

- **Web Configuration**

User can set DP750 language at Web right-top side. User can set DP720 language at handset GUI ->

Settings -> Phone Languages.

