

DP750/DP720 Firmware Release Note

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.

Table of Content

IMPORTANT UPGRADING NOTE	1
FIRMWARE VERSION 1.0.2.16	3
PRODUCT NAME.....	3
DATE	3
IMPORTANT UPGRADING NOTE	3
ENHANCEMENT	3
BUG FIX	3
NEW FEATURES OVERVIEW	7
<i>ACCESS CONTROL LIST.....</i>	<i>7</i>
<i>ENABLE/DISABLE TR-069</i>	<i>8</i>
<i>CORE DUMP LIST STATUS.....</i>	<i>8</i>
<i>HTTPS WEB ACCESS</i>	<i>9</i>
<i>INITIAL SUPPORT FOR REPEATER</i>	<i>10</i>
<i>DOCUMENTS ADDED TO SUPPORT PAGE.....</i>	<i>11</i>
<i>LANGUAGES UPDATED</i>	<i>12</i>

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

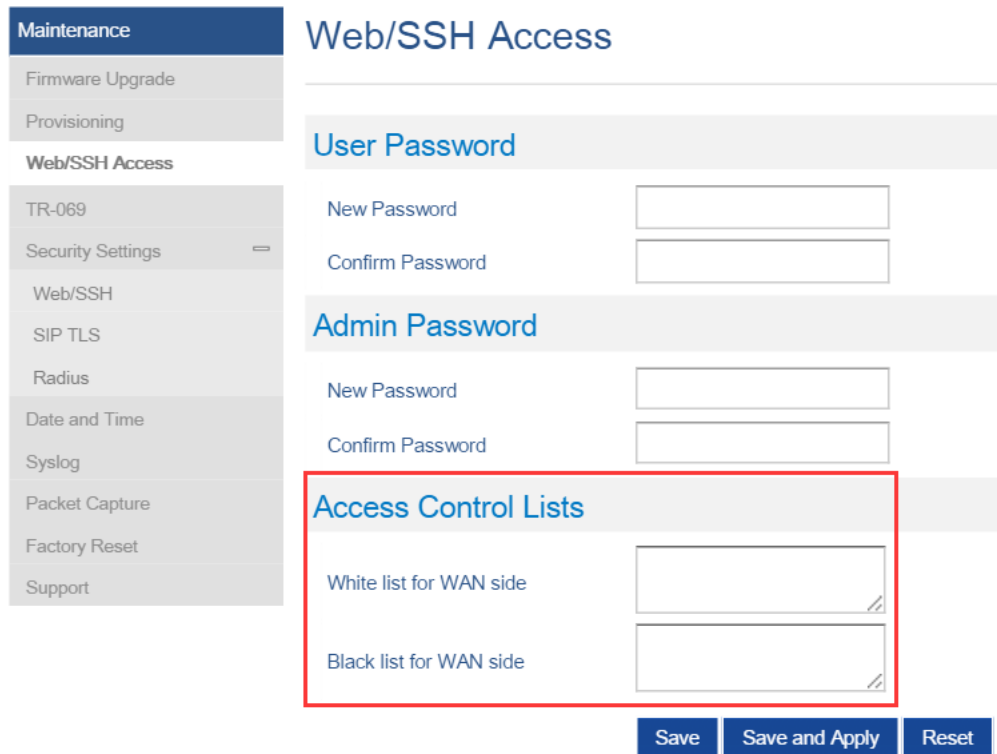
NEW FEATURES OVERVIEW

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.

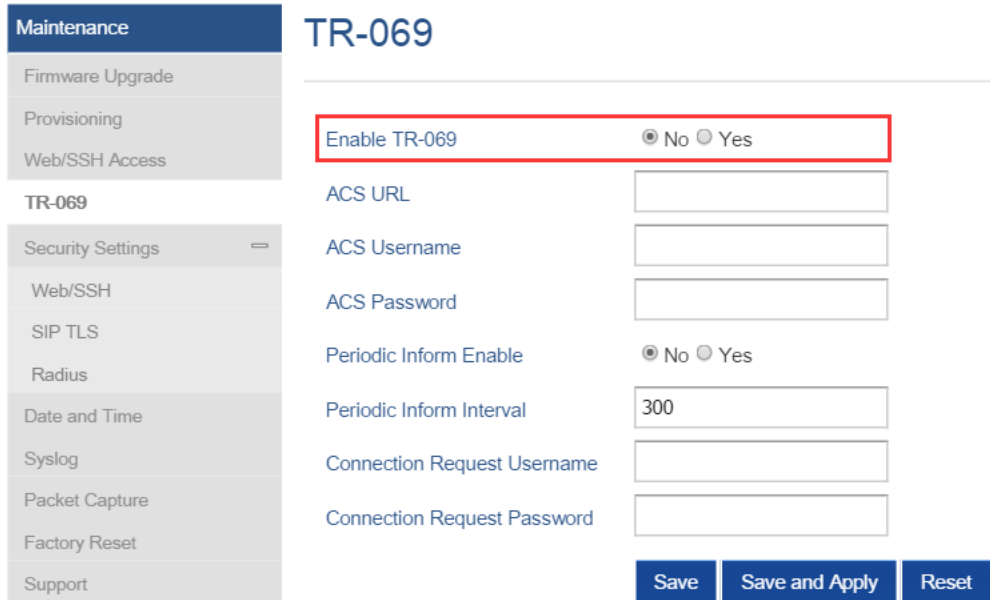
- **New P Values**

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.



The screenshot shows the 'Maintenance' menu on the left with 'TR-069' selected. The main configuration area for 'TR-069' includes the following fields:

- Enable TR-069:** Radio buttons for 'No' (selected) and 'Yes'.
- ACS URL:** Text input field.
- ACS Username:** Text input field.
- ACS Password:** Text input field.
- Periodic Inform Enable:** Radio buttons for 'No' (selected) and 'Yes'.
- Periodic Inform Interval:** Text input field with the value '300'.
- Connection Request Username:** Text input field.
- Connection Request Password:** Text input field.

At the bottom right, there are three buttons: 'Save', 'Save and Apply', and 'Reset'.

- 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**

Core Dump

Core Dump

NORMAL

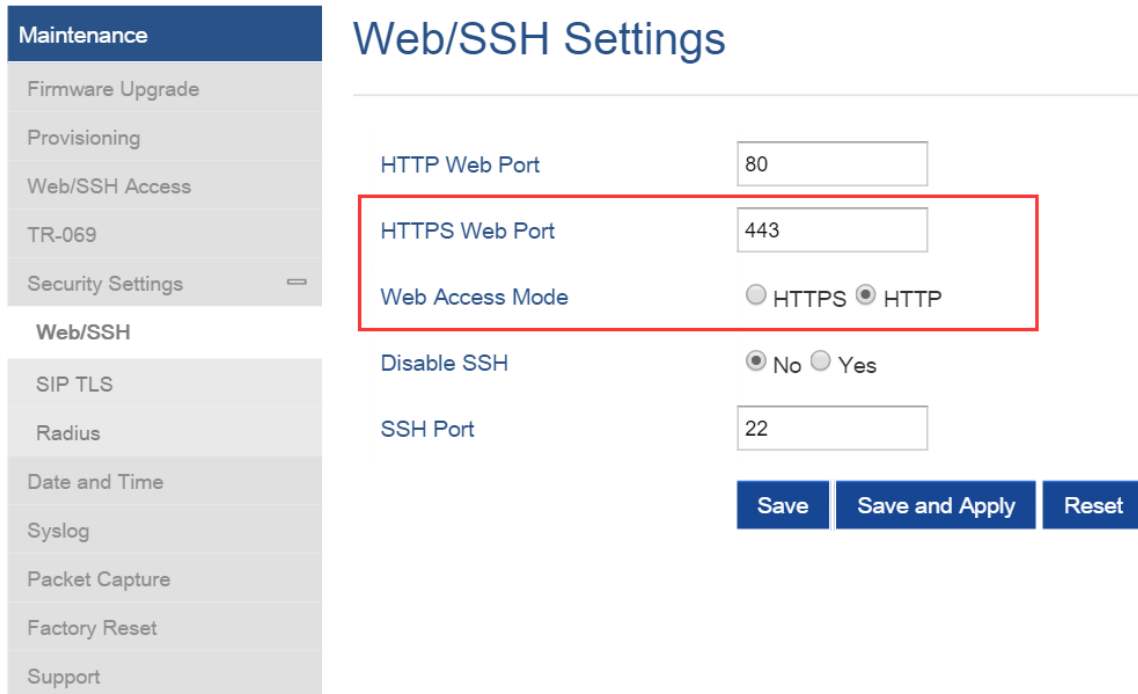
- Functionality**

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>

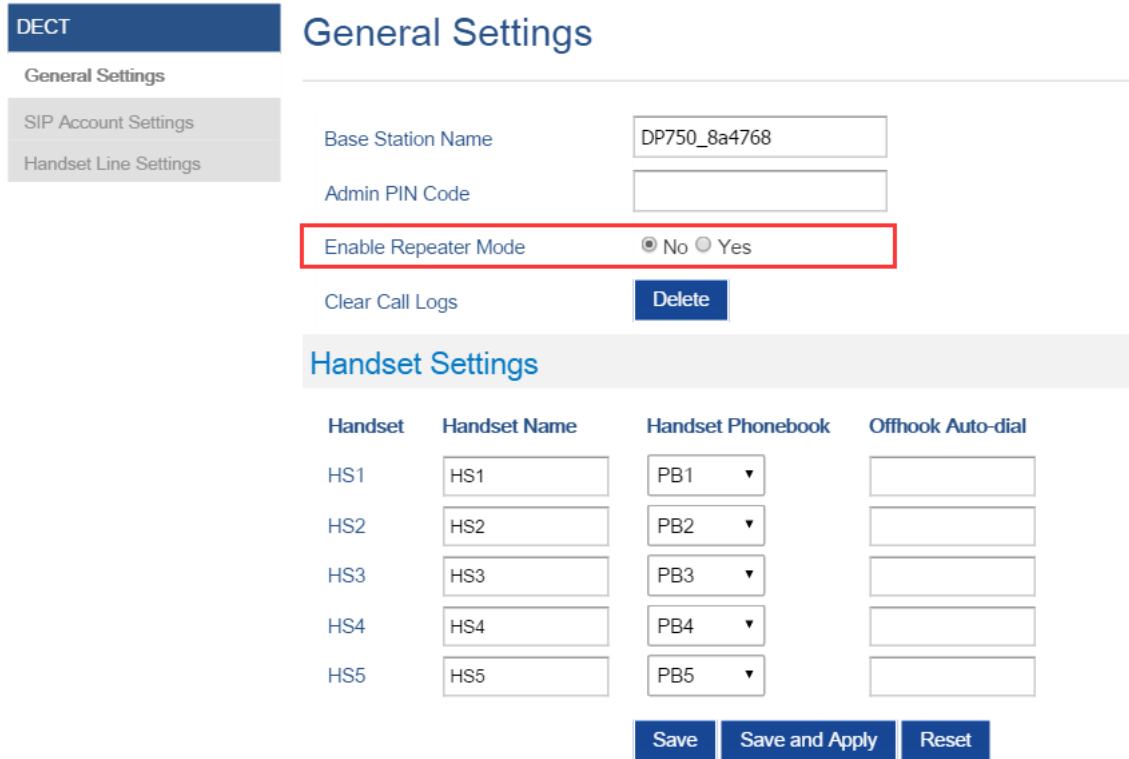
- New P Values**

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: DP750_8a4768

Admin PIN Code: []

Enable Repeater Mode: No Yes

Clear Call Logs: [Delete]

Handset Settings

Handset	Handset Name	Handset Phonebook	Offhook Auto-dial
HS1	HS1	PB1	[]
HS2	HS2	PB2	[]
HS3	HS3	PB3	[]
HS4	HS4	PB4	[]
HS5	HS5	PB5	[]

[Save] [Save and Apply] [Reset]

- 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

[Subscribe]

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.

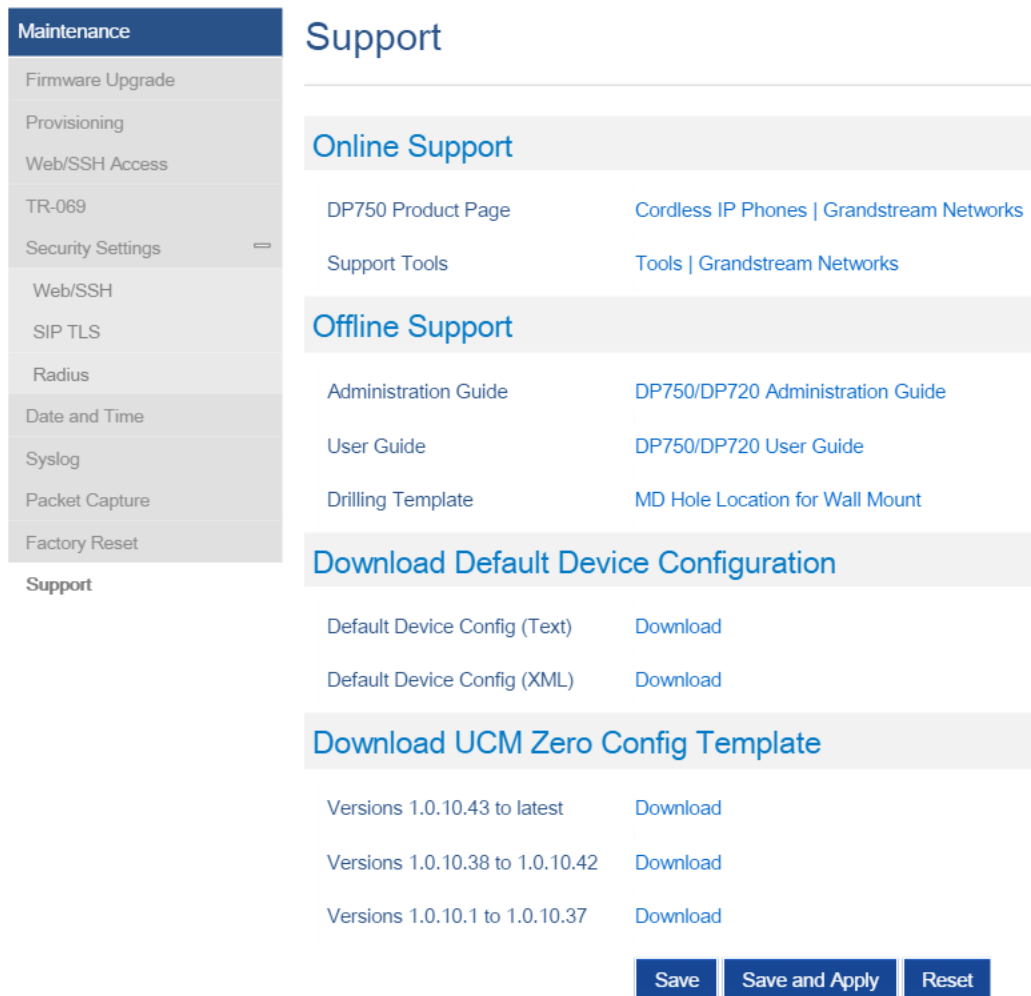
- **New P Values**

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.



The screenshot shows the 'Maintenance' menu on the left with 'Support' selected. The main content area displays the 'Support' page with the following sections:

- 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](#)

At the bottom of the page, there are three buttons: **Save**, **Save and Apply**, and **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.

