

# GXP2130/2135/2140/2160/2170 Firmware Release Notes

## IMPORTANT UPGRADE NOTES

- After upgrading to the Gen-2 certificate, you can no longer revert to the old certificate and you can no longer downgrade to any firmware below 1.0.11.64.
- For certain GXP213x models on firmware 1.0.11.40 or higher version, downgrading to firmware lower than 1.0.11.40 may brick the device. For the following GXP213x models, once upgraded to 1.0.11.40 or higher version, please do NOT attempt to downgrade to version lower than 1.0.11.40:  
GXP2130 hardware version 4.0A  
GXP2135 hardware version 1.7B, 3.0A and 3.1A
- Certain GXP21xx hardware versions cannot downgrade after upgrading to 1.0.11.57:  
GXP2130 hardware version 4.0A  
GXP2135 hardware version 3.0A and 3.1A
- Certain GXP213x hardware versions cannot downgrade after upgrading to 1.0.11.39:  
GXP2130 v3.0A  
GXP2170 v2.0A
- If the phone's web UI cannot be accessed after upgrading, please clear web browser cache and it should be accessible again. This is due to front end is cached with previous script, and this issue will be fixed in future release.
- From firmware 1.0.11.64, GXP21xx does not support weather service.
- Firmware 1.0.9.25 and higher versions support new hardware revision on GXP2130. For GXP2130 with new hardware version 2.5A and 2.6A, it cannot downgrade to firmware version lower than 1.0.7.25.

Note:

Starting from 1.0.11.74 release notes, only release information from 1.0.11.35 are kept in this document. If you would like to access previous release notes information, please refer to the previous firmware page [here](#).

## Table of Contents

<b>IMPORTANT UPGRADE NOTES.....</b>	<b>1</b>
<b>Table of Contents.....</b>	<b>2</b>
<b>FIRMWARE VERSION 1.0.11.74.....</b>	<b>5</b>
PRODUCT NAME.....	5
DATE .....	5
FIRMWARE FILE INFORMATION .....	5
ENHANCEMENT .....	5
BUG FIX .....	5
<i>ENABLE TR-069</i> .....	6
<b>FIRMWARE VERSION 1.0.11.71.....</b>	<b>7</b>
PRODUCT NAME.....	7
DATE .....	7
FIRMWARE FILE INFORMATION .....	7
ENHANCEMENT .....	7
BUG FIX .....	7
NEW FEATURES OVERVIEW .....	8
<i>OPENVPN® MODE</i> .....	8
<i>USE X-SWITCH-INFO HEADER</i> .....	9
<i>FILTER CHARACTERS</i> .....	9
<i>PERSISTENT BLUETOOTH</i> .....	9
<i>MONITORED ACCESS NUMBER</i> .....	10
<b>FIRMWARE VERSION 1.0.11.64.....</b>	<b>11</b>
PRODUCT NAME.....	11
DATE .....	11
FIRMWARE FILE INFORMATION .....	11
ENHANCEMENT .....	11
BUG FIX .....	11
NEW FEATURES OVERVIEW .....	12
<i>WITH SECRET KEY INFORMATION</i> .....	12
<b>FIRMWARE VERSION 1.0.11.57.....</b>	<b>13</b>
PRODUCT NAME.....	13
DATE .....	13

FIRMWARE FILE INFORMATION .....	13
BUG FIX .....	13
<b>FIRMWARE VERSION 1.0.11.56.....</b>	<b>14</b>
PRODUCT NAME.....	14
DATE .....	14
FIRMWARE FILE INFORMATION .....	14
ENHANCEMENT .....	14
BUG FIX .....	14
<b>FIRMWARE VERSION 1.0.11.54.....</b>	<b>15</b>
PRODUCT NAME.....	15
DATE .....	15
FIRMWARE FILE INFORMATION .....	15
ENHANCEMENT .....	15
BUG FIX .....	15
NEW FEATURES OVERVIEW.....	16
<i>DISABLE SPEAKER KEY</i> .....	16
<b>FIRMWARE VERSION 1.0.11.48.....</b>	<b>17</b>
PRODUCT NAME.....	17
DATE .....	17
FIRMWARE FILE INFORMATION .....	17
ENHANCEMENT .....	17
BUG FIX .....	17
NEW FEATURES OVERVIEW.....	18
<i>DISABLE MUTE KEY IN CALL</i> .....	18
<b>FIRMWARE VERSION 1.0.11.39.....</b>	<b>19</b>
PRODUCT NAME.....	19
DATE .....	19
FIRMWARE FILE INFORMATION .....	19
ENHANCEMENT .....	19
BUG FIX .....	19
NEW FEATURES OVERVIEW.....	19
<i>FORCE REBOOT AFTER PROVISIONING</i> .....	19
<b>FIRMWARE VERSION 1.0.11.35.....</b>	<b>21</b>
PRODUCT NAME.....	21
DATE .....	21
FIRMWARE FILE INFORMATION .....	21

ENHANCEMENT .....	21
BUG FIX .....	21
NEW FEATURES OVERVIEW .....	22
<i>REGISTER BEFORE DNS SRV FAILOVER</i> .....	22
<i>PRESERVE DND STATUS</i> .....	23
<i>SYSTEM IDENTIFICATION</i> .....	23

## FIRMWARE VERSION 1.0.11.74

### PRODUCT NAME

GXP2130, GXP2135, GXP2140, GXP2160 and GXP2170

### DATE

05/16/2023

### FIRMWARE FILE INFORMATION

- GXP2130 firmware file name: gxp2130fw.bin  
MD5: 5f04f9db883fe677633f1b4779dab13d
- GXP2135 firmware file name: gxp2135fw.bin  
MD5: c29567ecaa450f8013ebca37e0b20ae1
- GXP2140 firmware file name: gxp2140fw.bin  
MD5: 5c9070ebe8217d2e87aa76a8aa5e0d46
- GXP2160 firmware file name: gxp2160fw.bin  
MD5: 664b31efe0a62eed1664747f60107b8f
- GXP2170 firmware file name: gxp2170fw.bin  
MD5: 609bb124f958a74811ab255db2320094

### ENHANCEMENT

- Updated LCD display for Spanish
- Updated LCD display for Catalan
- Removed DST for Mexico timezone
- Added Support to enable TR-069 [ENABLE TR-069]

### BUG FIX

- Fixed Device freezes when SRV server domain name is invalid
- Fixed Device freezes when too many TLS connections are made and failed
- Fixed The values of Remotename and Remotenummer are not returned when running the CTI command
- Fixed Device improper handling of SIP 301
- Fixed Device LCD display abnormally after downgrading to certain firmware
- Fixed Device SNMP query of DND status returns wrong value
- Fixed Call Park VPK LED light works abnormally when added from Vodia
- Fixed Speaker volume can still be changed from device menu even when the option Lock Speaker Volume is turned on
- Fixed Certain alias doesn't work correctly with alias config file provisioning

### ENABLE TR-069

- **Web Configuration**

This option can be found under device web UI → Maintenance → TR-069.

Enable TR-069

No  Yes

- **Functionality**

This option allows users to enable or disable TR-069 from web UI.

- **Pvalue**

Pvalue	Description	Value Range	Default
1409	<New Pvalue> Enable TR-069	Value = 0; No Value = 1; Yes	No

# FIRMWARE VERSION 1.0.11.71

## PRODUCT NAME

GXP2130, GXP2135, GXP2140, GXP2160 and GXP2170

## DATE

01/18/2023

## FIRMWARE FILE INFORMATION

- GXP2130 firmware file name: gxp2130fw.bin  
MD5: 7a5fbda6f302084c5af79c2acf38a646
- GXP2135 firmware file name: gxp2135fw.bin  
MD5: e772c6b41d5d4c68dc8cb22e09de593a
- GXP2140 firmware file name: gxp2140fw.bin  
MD5: ff5903592c43e2c099fb774fb5e4ffcb
- GXP2160 firmware file name: gxp2160fw.bin  
MD5: 931344a4fe06f94fd8b171521e2c64f7
- GXP2170 firmware file name: gxp2170fw.bin  
MD5: 1f22cbbe3f09526b6a544f8771503fa9

## ENHANCEMENT

- Added Support to show “Description” for Voicemail VPK
- Added Support to upload OpenVPN TLS Authentication key from web UI
- Added Support of Expert Mode for OpenVPN to allow uploading the certificate zip file [OPENVPN® MODE]
- Added Support of Zoom X-switch-info SIP Header [USE X-SWITCH-INFO HEADER]
- Added Support of Filter Characters for click-to-dial feature [FILTER CHARACTERS]
- Added Support to keep Bluetooth connection when users log out in public mode [PERSISTENT BLUETOOTH]
- Added Support that when With Secret Key Information is enable, package capture will stop when the size threshold limit is reached
- Added Support to add a subnet (e.g.: 192.168.1.0/24) in “Action URI Allowed IP List”
- Added Support for voicemail VPK to dial into target’s mailbox [MONITORED ACCESS NUMBER]

## BUG FIX

- Fixed Device generates high pitch tone with Bluetooth headset when ending a call while a second call is coming in
- Fixed Device TLS SRTP call problem

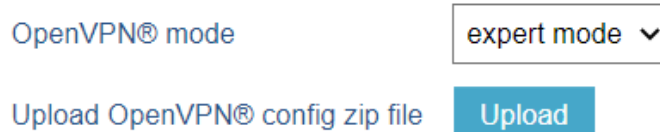
- Fixed Device MWI continues to flash on the phone even though no new message is present
- Fixed OpenVPN does not works good with customer's OVPN server
- Fixed uaCSTA incorrect behavior when receiving multiple calls
- Fixed Device wrong user agent name in the 401 Unauthorized
- Fixed pressing # key in idle state makes device works abnormal
- Fixed Incoming calls with SRTP not working correctly
- Fixed Device returns abnormal SDP in 200ok when receiving SRTP in re-invite if SRTP mode is disabled
- Fixed Device improperly logs a missed call when direct IP call is sent to port 5080
- Fixed Device generates high pitched noise and echo through speaker when using Bluetooth headset
- Fixed First call always drops when using the Plantronics CS540/CS530 headset
- Fixed Provision does not process 401 correctly if there are multiple redirects with 302
- Fixed Device volume will randomly increment or decrement after pressing the headset key
- Fixed Device web page cannot be accessed via 3CX server
- Fixed Device backlight cannot be turned off after the idle brightness is adjusted to 0
- Fixed OpenVPN does not work correctly
- Fixed Device syslog SIP logs are truncated
- Fixed Device shared line behaves incorrect
- Fixed When agent is logged in on the device and try to enable/disable a pause or DND, the agent account is logged out
- Fixed Device keeps rebooting after provisioning for 3CX
- Fixed Device does not send 408 after ringing timeout
- Fixed Device does not trying to connect to primary OBP after register to secondary OBP

## NEW FEATURES OVERVIEW

### OPENVPN® MODE

- **Web Configuration**

This option can be found under device web UI → Network → OpenVPN® Settings.



The screenshot shows the 'OpenVPN® mode' setting in a web interface. The mode is currently set to 'expert mode' in a dropdown menu. Below the dropdown is a text input field labeled 'Upload OpenVPN® config zip file' and a blue 'Upload' button.

- **Functionality**

This option allows users to set OpenVPN® mode to either simple mode, or expert mode. When set to expert mode, it allows to upload OpenVPN® config zip file from web UI.

- **Pvalue**

Pvalue	Description	Value Range	Default



22292	<New Pvalue> OpenVPN® mode	Value = 0; simple mode Value = 1; expert mode	simple mode
-------	-------------------------------	--	-------------

### USE X-SWITCH-INFO HEADER

- Web Configuration**

This option can be found under device web UI → Account X → SIP Settings → Custom SIP Headers.

Use X-switch-info Header  No  Yes

- Functionality**

Configure whether X-switch-info Header is included in SIP REGISTER request.

- Pvalue**

Pvalue	Description	Value Range	Default
60070/60170/60270/ 60370/60470/60570	<New Pvalue> Use X-switch-info Header	Value = 0; No Value = 1; Yes	No

### FILTER CHARACTERS

- Web Configuration**

This option can be found under device web UI → Settings → Call Features.

Filter Characters

- Functionality**

This feature allows users to filter out specific characters in dial-out calls.

- Pvalue**

Pvalue	Description	Value Range	Default
22012	Filter Characters	String	[( )- ]+

### PERSISTENT BLUETOOTH

- Web Configuration**

This option can be found under device web UI → Network → Bluetooth Settings.

Persistent Bluetooth  Off  On

- Functionality**

When set to “On”, device will retain Bluetooth devices connection throughout public mode.

- Pvalue**

Pvalue	Description	Value Range	Default
--------	-------------	-------------	---------

8632	<New Pvalue> Persistent Bluetooth	Value = 0; Off Value = 1; On	Off
------	--------------------------------------	---------------------------------	-----

### MONITORED ACCESS NUMBER

- Web Configuration**

This option can be found under device web UI → Account x → General Settings.

Monitored Access Number

- Functionality**

Allows users to access the voice messages of monitored extension. This value is used together with the voicemail programmable keys.

- Pvalue**

Pvalue	Description	Value Range	Default
60076/60176/60276/ 60376/60476/60576	<New Pvalue> Monitored Access Number (Account 1 to 6)	String	

## FIRMWARE VERSION 1.0.11.64

### PRODUCT NAME

GXP2130, GXP2135, GXP2140, GXP2160 and GXP2170

### DATE

07/27/2022

### FIRMWARE FILE INFORMATION

- GXP2130 firmware file name: gxp2130fw.bin  
MD5: 46e311b0aae36b083082dafc090b32a9
- GXP2135 firmware file name: gxp2135fw.bin  
MD5: cc03283a5fed59a1a22eafafccf2972c
- GXP2140 firmware file name: gxp2140fw.bin  
MD5: 9ad38b74f1d7fe729782844a81d918f7
- GXP2160 firmware file name: gxp2160fw.bin  
MD5: 802c242506acb09fa399ce239886e88d
- GXP2170 firmware file name: gxp2170fw.bin  
MD5: 16015085b2f952fcb9d6aa7976aa4b7

### ENHANCEMENT

- Added Support for new certificate structure
- Added Support to download sslkeylogfile on Web packet capture [WITH SECRET KEY INFORMATION]
- Removed Weather service
- Improved Hebrew Translation for phonebook quick and exact match
- Added Support of the two new algorithms for SRTP: AEAD AES 256 GCM or AES 256 CM HMAC SHA1 80
- Updated Phonebook softkey to point to the search bar instead of the first contact
- Updated Gen 2 certificate from GAPS
- Modified Softkeys position to show “Open door” and “Zoom”

### BUG FIX

- Fixed Device generates high pitch tone with Bluetooth headset when ending a call while a second call is coming in
- Fixed Device freezes and loses registration after pairing with Bluetooth headsets
- Fixed Device randomly freezes
- Fixed Device randomly activates speakerphone during call
- Fixed Device cpe crashes after modifying ACS URL

- Fixed Device GUI crashes after modify EXT configuration through LCD
- Fixed Device DHCP Option 2 does not work correctly
- Fixed Device randomly gets stuck at “FIRMWARE UPGRADE” when upgrading via HTTPS
- Fixed Device crashes when answering GDS call in conference state
- Fixed Device BLF VPK does not display source CID of the ringing VPK during call screen

## NEW FEATURES OVERVIEW

### WITH SECRET KEY INFORMATION

- **Web Configuration**

This option can be found under device web UI → Maintenance → Packet Capture.

With Secret Key Information

Yes ▾

- **Functionality**

When set to "Yes", the downloaded packet will include secret key, to decrypt the captured TLS packet.

- **Pvalue**

Pvalue	Description	Value Range	Default
22419	<New Pvalue> With Secret Key Information	Value = 0; No Value = 1; Yes	Yes

## FIRMWARE VERSION 1.0.11.57

### PRODUCT NAME

GXP2130, GXP2135, GXP2140, GXP2160 and GXP2170

### DATE

05/02/2022

### FIRMWARE FILE INFORMATION

- GXP2130 firmware file name: gxp2130fw.bin  
MD5: 21bb4338af01329d0cd91c2f901fcec9
- GXP2135 firmware file name: gxp2135fw.bin  
MD5: 70ed3b2f7f5e39610172856775045769
- GXP2140 firmware file name: gxp2140fw.bin  
MD5: 5f85b0d192315ff2a4722f3ccde6592b
- GXP2160 firmware file name: gxp2160fw.bin  
MD5: 466ed3e47f1f1ecce6cf377f4902f9a1
- GXP2170 firmware file name: gxp2170fw.bin  
MD5: ad6c1b0bdddae5e4b9408cfdea894be3

### BUG FIX

- Added downgrade prevention to certain GXP21xx hardware version to prevent issues after downgrading.

## FIRMWARE VERSION 1.0.11.56

### PRODUCT NAME

GXP2130, GXP2135, GXP2140, GXP2160 and GXP2170

### DATE

03/31/2022

### FIRMWARE FILE INFORMATION

- GXP2130 firmware file name: gxp2130fw.bin  
MD5: f3fa387113e7c6cfa7a50d70f696c668
- GXP2135 firmware file name: gxp2135fw.bin  
MD5: f809d1733dc59b72b63ea5313762f8dd
- GXP2140 firmware file name: gxp2140fw.bin  
MD5: f809d1733dc59b72b63ea5313762f8dd
- GXP2160 firmware file name: gxp2160fw.bin  
MD5: 15a558c57bb1592c2575162831043775
- GXP2170 firmware file name: gxp2170fw.bin  
MD5: 3e74e45961a4d79a8abca9005a40df44

### ENHANCEMENT

- Improved User Protection feature to protect admin/user changes from provider
- Added Support to configure two passwords for the same GDS "System Number" and display both "Open Door" softkey on device LCD

### BUG FIX

- Fixed Device call completion service does not work after receiving 486 Busy message
- Fixed Device closes the call after receiving "503 Service Unavailable" response and doesn't play busy tone
- Fixed Device phonebook download fails after the first successful download
- Fixed Device registration issue with TLS to Vodia (with LetsEncrypt TLS Certificate)
- Fixed Device PC-port VLAN tag does not work after reboot

## FIRMWARE VERSION 1.0.11.54

### PRODUCT NAME

GXP2130, GXP2135, GXP2140, GXP2160 and GXP2170

### DATE

01/28/2022

### FIRMWARE FILE INFORMATION

- GXP2130 firmware file name: gxp2130fw.bin  
MD5: 8a8ac348066cb822c8c0e968173f2904
- GXP2135 firmware file name: gxp2135fw.bin  
MD5: 3dfbeaacdce6974ee1e17cf053ecbb3c
- GXP2140 firmware file name: gxp2140fw.bin  
MD5: 11d8eee49d559c21ae3d98d0815a428d
- GXP2160 firmware file name: gxp2160fw.bin  
MD5: fc38120ea358c34fab7d62fe88aaaa8
- GXP2170 firmware file name: gxp2170fw.bin  
MD5: 19f6e5fd6273d38b100e8497c5313511

### ENHANCEMENT

- Enhanced SSH on the device not to be deprecated
- Added Support of "Yerevan" to GMT +04:00 Time zone
- Added Support of status bar on LCD idle screen
- Added ability to disable speaker key [DISABLE SPEAKER KEY]

### BUG FIX

- Fixed Device does not send RTCP package for indirect media calls
- Fixed Device DNS SRV Weight selection not working correctly
- Fixed Device upgrade issue
- Fixed Device gets stuck randomly
- Fixed EHS headset connecting with device cannot hear anything after answering calls
- Fixed Share line picking up public hold will initially play dial tone
- Fixed The alert info ringing does not work
- Fixed SRTP attended transfer works abnormal
- Fixed Device gets crash if outbound proxy is invalid
- Fixed Device GDS feature doesn't work correctly
- Fixed Device works abnormal after canceling quick IP call

- Fixed blank MPK page after upgrading
- Fixed E911 compliance and HELD protocol support

## NEW FEATURES OVERVIEW

### DISABLE SPEAKER KEY

- **Web Configuration**

This option can be found under device web UI → Settings → Call Features.

Disable Speaker Key                       No    Yes    For Ongoing Call

- **Functionality**

When set to "Yes", disable speaker key completely; When set to "For Ongoing Call", user can not hang up a call using speaker key.

- **Pvalue**

Pvalue	Description	Value Range	Default
22410	<New Pvalue> Disable Speaker Key	Value = 0; No Value = 1; Yes Value = 2; For Ongoing Call	No



## FIRMWARE VERSION 1.0.11.48

### PRODUCT NAME

GXP2130, GXP2135, GXP2140, GXP2160 and GXP2170

### DATE

10/20/2021

### FIRMWARE FILE INFORMATION

- GXP2130 firmware file name: gxp2130fw.bin  
MD5: 17e179278a060d7c941cf841518052ae
- GXP2135 firmware file name: gxp2135fw.bin  
MD5: 99d6784ecb1a6b7a2b7240e558c36ab7
- GXP2140 firmware file name: gxp2140fw.bin  
MD5: ea28ba948cbb163ac08d0e041a212a5
- GXP2160 firmware file name: gxp2160fw.bin  
MD5: 24f472f40a3636e623f81eb1c9be8097
- GXP2170 firmware file name: gxp2170fw.bin  
MD5: 24f472f40a3636e623f81eb1c9be8097

### ENHANCEMENT

- Added Support to disable mute key during a call [DISABLE MUTE KEY IN CALL]

### BUG FIX

- Fixed Device randomly stuck at booting state
- Fixed Quick IP mode not working without SIP registration
- Fixed nothing displays on Device LCD screen by pressing “phonebook key” softkey
- Fixed Device does not apply all fields from configuration file through web GUI
- Fixed Device GUI crashes after making a LADP search
- Fixed Handsfree call has no audio after switching audio channel
- Fixed Device crashes randomly issue on fw1.0.11.39
- Fixed Device unable to make call transfer via BLF
- Fixed Device crashes after receiving UPDATE from server
- Fixed Record button on VPK does not blink
- Fixed “None” mode is not available for additional VPKs under Web UI
- Fixed 3CX answer attended transfer call via CSTA works abnormal
- Fixed 3CX uaCSTA calls play dial tone before calling and may mix dial tone with ring back tone
- Fixed Russian characters in Name field causes call not established

## NEW FEATURES OVERVIEW

### DISABLE MUTE KEY IN CALL

- **Web Configuration**

This option can be found under device web UI → Settings → Call Features.

Disable Mute Key In Call       No  Yes

- **Functionality**

This feature allows users to disable mute key during a call.

- **Pvalue**

Pvalue	Description	Value Range	Default
22441	<New Pvalue> Disable Mute Key In Call	Value = 0; No Value = 1; Yes	No

## FIRMWARE VERSION 1.0.11.39

### PRODUCT NAME

GXP2130, GXP2135, GXP2140, GXP2160 and GXP2170

### DATE

06/07/2021

### FIRMWARE FILE INFORMATION

- GXP2130 firmware file name: gxp2130fw.bin  
MD5: 13c8e7f81563f956392153004ed976c0
- GXP2135 firmware file name: gxp2135fw.bin  
MD5: e57d7191f3e2558bac0f5b2bcc954c6e
- GXP2140 firmware file name: gxp2140fw.bin  
MD5: 03f737ffb226fd1e37f7f62ae6114fc0
- GXP2160 firmware file name: gxp2160fw.bin  
MD5: 98c43e7ac7fc18830c13e20ef0658e33
- GXP2170 firmware file name: gxp2170fw.bin  
MD5: d7e7c1ca0aa27633ce5be14aff1e887

### ENHANCEMENT

- Added Ability to force a reboot after provisioning by Pvalue
- Added Support for Alert-Info: <string> in the Match Incoming Caller ID field

### BUG FIX

- Fixed Registration unstable when backup proxy is configured
- Fixed Device couldn't obtain EAP-TLS-802.1x network if modified MTU then plug out/in LAN cable
- Fixed Device worked abnormally if enabled Ring for Call Waiting in calls
- Fixed Phone sending #2 code instead of #72 for CallPark
- Fixed Eventlist BLF disappear when refreshing
- Fixed Cookie attribute vulnerability

### NEW FEATURES OVERVIEW

#### FORCE REBOOT AFTER PROVISIONING

- **Web Configuration**

This feature is not available on the Web UI.

- **Functionality**

In provisioning template, there is a new Pvalue to specify whether to force reboot the device if there are changes to the configuration.

- **Pvalue**

Pvalue	Description	Value Range	Default
P22421	<New Pvalue> Force reboot after provisioning	Value = 0; No Value = 1; Yes	No

## FIRMWARE VERSION 1.0.11.35

### PRODUCT NAME

GXP2130, GXP2135, GXP2140, GXP2160 and GXP2170

### DATE

03/08/2021

### FIRMWARE FILE INFORMATION

- GXP2130 firmware file name: gxp2130fw.bin  
MD5: 7aabc5e596ab52f2ea06bd06ee871203
- GXP2135 firmware file name: gxp2135fw.bin  
MD5: 2750a56e85875a852930b76dfda36826
- GXP2140 firmware file name: gxp2140fw.bin  
MD5: 889fc7b4afc0a483f5730bea2184ce4e
- GXP2160 firmware file name: gxp2160fw.bin  
MD5: 83594cb5fb0259211fd9c90980baa27e
- GXP2170 firmware file name: gxp2170fw.bin  
MD5: df983e5e41c9102123c7cfbeb65ebd70

### ENHANCEMENT

- Added USB headset support for GXP2140/GXP2160/GXP2170
- Updated German Translation
- Improved DNS SRV Failover Design [REGISTER BEFORE DNS SRV FAILOVER]
- Added Support to keep DND after reboot [PRESERVE DND STATUS]
- Added Support to display the string entered in "System Identification" field when communicating with GDS [SYSTEM IDENTIFICATION]

### BUG FIX

- Fixed TR-069 Client is not sending Cookie headers back to ACS properly
- Fixed TR-069 returns 9003 when setting VLAN bigger than 7
- Fixed Device cannot set the CS language through TR-069
- Fixed Space issue in parameter name on cwnp Inform
- Fixed Device does not specify realm when using primary and secondary SIP server
- Fixed BLF keys remains offline until monitored extension is called
- Fixed Device freezes randomly
- Fixed Onhook dialing 'No Key Entry Timeout' timer starts when backspace key is used
- Fixed registration over TLS works abnormally

- Fixed BLF remote CID does not work with 3CX
- Fixed Letter "e" is missing in Italian language
- Fixed Device crashed if user disables Account Active then log out from UCM call enter
- Fixed one-way audio issue after sending in-audio DTMF
- Fixed Call Park MPK displays remote CallerID after call ends
- Fixed Booting message displays from left to right when using Hebrew
- Fixed Device couldn't obtain EAP-TLS-802.1x network if MTU is modified and then plug out/in LAN cable
- Fixed Device intermittent dial out issue

## NEW FEATURES OVERVIEW

### REGISTER BEFORE DNS SRV FAILOVER

- **Web Configuration**

This option can be found under device web UI →Accounts →Account x →Network Settings.



- **Functionality**

Now the users can choose the behavior for registering before DNS SRV Fail-over

- If set to "No", a REGISTER request will not be initiated when a server failover occurred under DNS SRV mode.
- If set to "Yes", a REGISTER request will be initiated when a server failover occurred under DNS SRV mode.

- **Pvalue**

Pvalue	Description	Value Range	Default
29095	<New Pvalue> Account 1, Register Before DNS SRV Fail-over	Value = 0; No Value = 1; Yes	No
29195	<New Pvalue> Account 2, Register Before DNS SRV Fail-over	Value = 0; No Value = 1; Yes	No
29295	<New Pvalue> Account 3, Register Before DNS SRV Fail-over	Value = 0; No Value = 1; Yes	No
29395	<New Pvalue> Account 4, Register Before DNS SRV Fail-over	Value = 0; No Value = 1; Yes	No
29495	<New Pvalue> Account 5, Register Before DNS SRV Fail-over	Value = 0; No Value = 1; Yes	No
29595	<New Pvalue> Account 6, Register Before DNS SRV Fail-over	Value = 0; No Value = 1; Yes	No

## PRESERVE DND STATUS

- Web Configuration**

This option can be found under device web UI → Settings → Call Features.

Preserve DND Status

No  Yes

- Functionality**

This feature allows users to keep DND status after reboot.

- Pvalue**

Pvalue	Description	Value Range	Default
8537	<New Pvalue> Preserve DND Status	Value = 0; No Value = 1; Yes	No

## SYSTEM IDENTIFICATION

- Web Configuration**

This option can be found under device web UI → Settings → External Service → Grandstream Door System.

### Grandstream Door System

Order	Service Type	Account	System Identification	System Number	Access Password
1	None ▾	Account 1 ▾	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	None ▾	Account 1 ▾	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	None ▾	Account 1 ▾	<input type="text"/>	<input type="text"/>	<input type="text"/>
4	None ▾	Account 1 ▾	<input type="text"/>	<input type="text"/>	<input type="text"/>
5	None ▾	Account 1 ▾	<input type="text"/>	<input type="text"/>	<input type="text"/>
6	None ▾	Account 1 ▾	<input type="text"/>	<input type="text"/>	<input type="text"/>
7	None ▾	Account 1 ▾	<input type="text"/>	<input type="text"/>	<input type="text"/>
8	None ▾	Account 1 ▾	<input type="text"/>	<input type="text"/>	<input type="text"/>
9	None ▾	Account 1 ▾	<input type="text"/>	<input type="text"/>	<input type="text"/>
10	None ▾	Account 1 ▾	<input type="text"/>	<input type="text"/>	<input type="text"/>

- Functionality**

The field “System identification” will show up on LCD next to the GDS number as indicated:

<system identification>(space)<GDS number>