

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

## IMPORTANT UPGRADE NOTES

- The following GXP213x hardware versions cannot downgrade after upgrading to 1.0.11.75:  
GXP2130 hardware version 4.2A  
GXP2135 hardware version 4.2A
- 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.
- The following 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
- The following 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
- The following 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](#).

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## FIRMWARE VERSION 1.0.11.106

### PRODUCT NAME

GXP2130, GXP2135, GXP2140, GXP2160 and GXP2170

### DATE

01/28/2026

### FIRMWARE FILE INFORMATION

- GXP2130 firmware file name: gxp2130fw.bin  
MD5: 0a14021e60e8152e447e3f8ecb13f24b
- GXP2135 firmware file name: gxp2135fw.bin  
MD5: fc173f49f043518c9a7a8b636bacd66d
- GXP2140 firmware file name: gxp2140fw.bin  
MD5: 7067a7eb9772be338863cc09e5b32d4f
- GXP2160 firmware file name: gxp2160fw.bin  
MD5: bfe5026725276ae203cf2d78af87ff38
- GXP2170 firmware file name: gxp2170fw.bin  
MD5: 8b0316bcd44ebcdda8eea6a2f936c026

### ENHANCEMENT

- Improved Dial Plan to handle Syntax correctly
- Added Support to add Auth Header on Re-Register [ADD AUTH HEADER ON RE-REGISTER]
- Added Support to control the registration retry interval when the server returns 403 Forbidden [REGISTRATION RETRY WAIT TIME(S) UPON 403 FORBIDDEN]
- Added Support to control reboot when receiving SIP NOTIFY with “Event: Check-Sync” header for each SIP account [REBOOT ON CHECK-SYNC EVENT WITHOUT “REBOOT=”]
- Added Support to select Name’s source [CONTACT SOURCE PRIORIY]
- Added ability to use up to 3 XML Phonebook URLs [3 XML PHONEBOOK URLS]
- Added Support to set Geolocation Header Format [GEOLOCATION HEADER FORMAT]
- Added API to pull the mode and label of all vpk/mpk/extension board keys  
Usage: {IP}/cgi-bin/api-get\_vpk\_status
- Added API to pull the mode, label and BLF/SCA state of monitored keys of vpk/mpk/extension board  
Usage: {IP}/cgi-bin/api-get\_vpk\_status?type=monitor

### BUG FIX

- Fixed Device does not display the CallerID Name after attended transfer

## NEW FEATURES OVERVIEW

### ADD AUTH HEADER ON RE-REGISTER

- Web Configuration**

This option can be found under device web UI → Account X → SIP Settings:

Add Auth Header On RE-REGISTER  No  Yes

- Functionality**

If enabled, the phone will add Authorization header in RE-REGISTER request.

- Pvalues**

Pvalue	Description	Value Range	Default
95029/95129/95229/ 95329/95429/95529	<New Pvalue> Add Auth Header on RE-REGISTER	Number : 0 – No 1 – Yes	1

### REGISTRATION RETRY WAIT TIME(S) UPON 403 FORBIDDEN

- Web Configuration**

This option can be found under device web UI → Account X → SIP Settings:

Registration Retry Wait Time upon 403 Forbidden

- Functionality**

Specifies the interval to retry registration if the process is failed due to 403 Forbidden. Valid range is 0 to 3600 in second. 0 second means stopping retry registration.

- Pvalues**

Pvalue	Description	Value Range	Default
26002/26102/26202/ 26302/26402/26502	<New Pvalue> Registration Retry Wait Time(s) upon 403 Forbidden	Number : 0-3600	1200

### REBOOT ON CHECK-SYNC EVENT WITHOUT "REBOOT="

- Web Configuration**

This option can be found under device web UI → Account X → Advanced Settings:

Reboot on check-sync event without "reboot="  Disabled  Enabled

- Functionality**

If option is enabled, the phone will do reboot when receiving SIP NOTIFY check-sync event without "reboot=" header. If the option is disabled, the phone will do provision and not reboot when receiving SIP NOTIFY check-sync event without "reboot=" header.

- **Pvalues**

Pvalue	Description	Value Range	Default
95030/95130/95230/ 95330/95430/95530	<New Pvalue> Reboot on check-sync event without "reboot="	Number : 0 – No 1 – Yes	1

### CONTACT SOURCE PRIORIY

- **Web Configuration**

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

Contact Source Priority

Modify

[Local Phonebook](#), [Remote Phonebook](#), [LDAP](#),  
[Broadsoft XSI](#), [Network Signaling](#)

- **Functionality**

Configure the priority of the ID source displayed on the phone when incoming/outgoing calls. Select one ID source and click the Up/Down arrow on the right to adjust the order.

Note: If the "Caller ID Display" under the account is configured as "Disabled", the caller number cannot be obtained, the phone will only display "Unavaliabe".

- **Pvalues**

Pvalue	Description	Value Range	Default
22439	<New Pvalue> Contact Source Priority	Local, Remote, BSXSI, LDAPPhonebook, NETWorkSignaling	Local,Remote,BSXSI,LDAP Phonebook,NETWorkSigna ling

### 3 XML PHONEBOOK URLS

- **Web Configuration**

This option can be found under device web UI → Application → Remote Phonebook.

Remote Phonebook	Display Name	URL	Username	Password
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Remote Phonebook Update Interval(m)

- **Functionality**

Allows the user to configure up to 3 XML Phonebook URLs.

- **Pvalues**

Pvalue	Description	Value Range	Default
22427	<New Pvalue> Display Name – Phonebook 1	0 to 512 characters	NULL
22428	<New Pvalue> URL – Phonebook 1	0 to 512 characters	NULL
22429	<New Pvalue> Username – Phonebook 1	0 to 512 characters	NULL
22430	<New Pvalue> Password – Phonebook 1	0 to 512 characters	NULL
22431	<New Pvalue> Display Name – Phonebook 2	0 to 512 characters	NULL
22432	<New Pvalue> URL – Phonebook 2	0 to 512 characters	NULL
22433	<New Pvalue> Username – Phonebook 2	0 to 512 characters	NULL
22434	<New Pvalue> Password – Phonebook 2	0 to 512 characters	NULL
22435	<New Pvalue> Display Name – Phonebook 3	0 to 512 characters	NULL
22436	<New Pvalue> URL – Phonebook 3	0 to 512 characters	NULL
22437	<New Pvalue> Username – Phonebook 3	0 to 512 characters	NULL
22438	<New Pvalue> Password – Phonebook 3	0 to 512 characters	NULL
22426	<New Pvalue> Remote Phonebook Update Interval(m)	0, 5-720	0

### GEOLLOCATION HEADER FORMAT

- **Web Configuration**

This option can be found under device web UI → External Service → E911 Service:

[Geolocation Header Format](#)

Legacy  RFC6442

- **Functionality**

There are two options in this option:

RFC6442: Geolocation header example is Geolocation: <cid: 8476BD6B-5FDD-339D-900B-AEAB0AA0429A>

Legacy: Geolocation header example is Geolocation: 8476BD6B-5FDD-339D-900B-AEAB0AA0429A

- **Pvalues**

Pvalue	Description	Value Range	Default
8725	<New Pvalue> Geolocation Header Format	Number : 0 – Legacy 1 – RFC6442	0

## FIRMWARE VERSION 1.0.11.103

### PRODUCT NAME

GXP2130, GXP2135, GXP2140, GXP2160 and GXP2170

### DATE

09/30/2025

### FIRMWARE FILE INFORMATION

- GXP2130 firmware file name: gxp2130fw.bin  
MD5: ac88bcaaa727827576dcbb9066ae5d47
- GXP2135 firmware file name: gxp2135fw.bin  
MD5: c3d87ff1b148acb8caf347a3cff54e02
- GXP2140 firmware file name: gxp2140fw.bin  
MD5: 016c18c3f38d1a07b73baea66a3162f7
- GXP2160 firmware file name: gxp2160fw.bin  
MD5: e3ef9d85f52598b059afa949f4652396
- GXP2170 firmware file name: gxp2170fw.bin  
MD5: 63081f663ffe78f8e21755b43f7a7407

### ENHANCEMENT

- Added Support of Call park (retrieve) feature code [CALL PARK (RETRIEVE) FEATURE CODE]
- Add Support of Enhanced Call Park [ENHANCED CALL PARK]
- Added Support to transfer calls to Voicemail [TRANSFER TO VM FEATURE CODE]
- Removed character limitation for Connection Request Username and Password

### BUG FIX

- Fixed Device fails to pick up a call by pressing BLF key
- Fixed Device "Forward All" feature from LCD menu ignores Dial Plan rules
- Fixed Device fails to download OpenVPN certificates with HTTPS

### NEW FEATURES OVERVIEW

#### CALL PARK (RETRIEVE) FEATURE CODE

- **Web Configuration**

The options can be found under device web UI → Account x → SIP Settings → Advanced Features.

Call Park Feature Code

Call Park Retrieve Feature Code

- **Functionality**

**Call Park Feature Code:** Configure the feature access code for parking current call to parking lot or another extension.

**Call Park Retrieve Feature Code:** Configure the feature access code for retrieving the parked call on accounts or parking lot.

- **Pvalue**

Pvalue	Description	Value Range	Default
60069/60169/60269/60369/60469/60569	<New Pvalue> Call Park Feature Code	String	NULL
2336/2436/2536/2636/2736/2836	<New Pvalue> Call Park Retrieve Feature Code	String	NULL

### ENHANCED CALL PARK

- **Web Configuration**

The options can be found under device web UI → Settings → Call Features.

Enable Call Park Softkey

No  Yes

Call Park Mode

FAC  XSI  Transfer

Call Park Softkey Feature Code

Call Park Retrieve Softkey  
Feature Code

Group Call Park Softkey Feature  
Code

- **Functionality**

**Enable Call Park Softkey:** Enable call park service to use call park related softkeys.

**Call Park Mode:** Select different implementations of call park softkeys.

Call Park under XSI mode needs to configure XSI service;

Call Park under FAC mode needs to configure related FACs, which have lower priority than BLF call park related FACs;

Call Park under Transfer mode can also use similar FACs method to Call Park under FAC mode but its FAC is optional to park/blind transfer current call to parking lot or target number.

**Call Park Softkey Feature Code:** Configure the feature access code for parking current call to parking lot

or another extension.

**Call Park Retrieve Softkey Feature Code:** Configure the feature access code for retrieving the parked call on accounts or parking lot.

**Group Call Park Softkey Feature Code:** Configure the feature access code for parking current call to the group current user is in.

- **Pvalue**

Pvalue	Description	Value Range	Default
8611	<New Pvalue> Enable Call Park Softkey	Value = 0; No Value = 1; Yes	1
8612	<New Pvalue> Call Park Mode	Value = 0; FAC Value = 1; XSI Value = 2; Transfer	0
8613	<New Pvalue> Call Park Softkey Feature Code	String	NULL
8614	<New Pvalue> Call Park Retrieve Softkey Feature Code	String	NULL
22559	<New Pvalue> Group Call Park Softkey Feature Code	String	NULL

### TRANSFER TO VM FEATURE CODE

- **Web Configuration**

The option can be found under device web UI → Account x → SIP Settings → Call Settings.

Transfer to VM feature code

- **Functionality**

The Transfer to VM feature code will be used as an extension prefix and called into the server to complete the transfer to voicemail event.

- **Pvalue**

Pvalue	Description	Value Range	Default
60092/60192/60292/60392/60492/60592	<New Pvalue> Transfer to VM feature code	String	*

## FIRMWARE VERSION 1.0.11.98

### PRODUCT NAME

GXP2130, GXP2135, GXP2140, GXP2160 and GXP2170

### DATE

07/08/2025

### FIRMWARE FILE INFORMATION

- GXP2130 firmware file name: gxp2130fw.bin  
MD5: 33e012f3b97bab434868ccd234366d7b
- GXP2135 firmware file name: gxp2135fw.bin  
MD5: 99ef77fafcdb0acd2775b2b72cc18185
- GXP2140 firmware file name: gxp2140fw.bin  
MD5: 4cf5471a770617bf92468550fea8edbb
- GXP2160 firmware file name: gxp2160fw.bin  
MD5: c92e2068b35b98b746d48a374bc064e7
- GXP2170 firmware file name: gxp2170fw.bin  
MD5: 8e0e303758ff61e89690b13991d519e4

### ENHANCEMENT

- Updated Web access mode default value to HTTPS
- Added Support to display security firmware version on LCD and Web UI
- Added Support to play local ring back tone when receiving "180 ringing" after "183 session in progress" with p-early-media sendrecv and no RTP

### BUG FIX

- Fixed Device cannot make IP call without enabling "Account Activate"
- Fixed Device continuously renegotiates RTP Ports, causing Audio Delay and Drops

## FIRMWARE VERSION 1.0.11.93

### PRODUCT NAME

GXP2130, GXP2135, GXP2140, GXP2160 and GXP2170

### DATE

1/30/2025

### FIRMWARE FILE INFORMATION

- GXP2130 firmware file name: gxp2130fw.bin  
MD5: 0b516f5d40c89e2b90e8e220fab97890
- GXP2135 firmware file name: gxp2135fw.bin  
MD5: 2fb0ea9ba6931205408ab0e63c4a7250
- GXP2140 firmware file name: gxp2140fw.bin  
MD5: f61a2c14da340776a5d95a659b9143fa
- GXP2160 firmware file name: gxp2160fw.bin  
MD5: dadf79f2302df2dbd744a7a9e9e304e
- GXP2170 firmware file name: gxp2170fw.bin  
MD5: 8656a22312616bc49161cc5f06d77754

### ENHANCEMENT

- Improved Device Security to avoid using user input directly in system calls
- Added Support to get DND status via CTI function
- Added Support of Push-To-Talk feature
- Added Support for a configurable station name label
- Add Support of a banner on the LCD screen to show the first available account's display name
- Added Support of Call Forward status LED indicator
- Updated "Default" to "Line" mode on web UI and LCD
- Improved Presence status
- Added Support of hostname in contact book
- Added Support of API to obtain voicemail status
- Added Support to disable muting the ringtone

### BUG FIX

- Fixed Device applies cfgMODEL.xml instead of cfgMAC.xml when no P-value change
- Fixed Device cannot pick up calls using handset
- Fixed DTMF not working on external IVR
- Fixed Device does not display caller name if the number start with "+" prefix

- Fixed a security vulnerability
- Fixed BLF goes offline issue
- Fixed Device time zone display for Fiji, Helsinki, Athens, Tali
- Fixed Device Ignore Alert Info option issue
- Fixed LDAP phonebook name display
- Fixed Device loses registration every a few minutes
- Fixed Device keeps sending request when server fails to respond
- Fixed Device Eventlist BLF issue
- Fixed Device directory opens randomly
- Fixed Device BLF LED issue
- Fixed Device XML Config mapping issue
- Fixed Device incoming calls issue when using TCP/TLS with SRTP
- Fixed OpenVPN connecting issue
- Fixed MWI issue
- Fixed Device sends unnecessary signal when a linux PC is connected to PC port
- Fixed Device sends TCP SYN message to accurate custom port based in the DNS SRV response
- Fixed Device DNS SRV Weight selection not working correctly

## FIRMWARE VERSION 1.0.11.85

### PRODUCT NAME

GXP2130, GXP2135, GXP2140, GXP2160 and GXP2170

### DATE

6/8/2024

### FIRMWARE FILE INFORMATION

- GXP2130 firmware file name: gxp2130fw.bin  
MD5: a97733b0991949eee7a8714ce1c17e16
- GXP2135 firmware file name: gxp2135fw.bin  
MD5: abe0169452bc654c8bcf800ea3497574
- GXP2140 firmware file name: gxp2140fw.bin  
MD5: 41632d7b11cb96b33c1bf154c0d085ca
- GXP2160 firmware file name: gxp2160fw.bin  
MD5: e0bd49417a63fdc23c9c5d7e32306f8b
- GXP2170 firmware file name: gxp2170fw.bin  
MD5: e0bd49417a63fdc23c9c5d7e32306f8b

### ENHANCEMENT

- Improved Device Security to avoid using user input directly in system calls

## FIRMWARE VERSION 1.0.11.84

### PRODUCT NAME

GXP2130, GXP2135, GXP2140, GXP2160 and GXP2170

### DATE

04/30/2024

### FIRMWARE FILE INFORMATION

- GXP2130 firmware file name: gxp2130fw.bin  
MD5: 26072afcb097ef5ba3e480bf2da6877e
- GXP2135 firmware file name: gxp2135fw.bin  
MD5: 556e714f065f6a74a064d6421cd98a76
- GXP2140 firmware file name: gxp2140fw.bin  
MD5: 346be08ab5aa31170c8778c3704d72bd
- GXP2160 firmware file name: gxp2160fw.bin  
MD5: e4b83bc313fb6d2715e4775b87d2fb5d
- GXP2170 firmware file name: gxp2170fw.bin  
MD5: 9415c10f522d55b0648ccfb66e96fb6f

### ENHANCEMENT

- Disabled User web access by default (Factory reset required)

### BUG FIX

- Fixed User password can still be used for the API after disabling user web access

## FIRMWARE VERSION 1.0.11.79

### PRODUCT NAME

GXP2130, GXP2135, GXP2140, GXP2160 and GXP2170

### DATE

08/12/2023

### FIRMWARE FILE INFORMATION

- GXP2130 firmware file name: gxp2130fw.bin  
MD5: 9fee25425bab431565ebcd66a55f79bd
- GXP2135 firmware file name: gxp2135fw.bin  
MD5: c02f1f127fa2c5490ebc88a217999830
- GXP2140 firmware file name: gxp2140fw.bin  
MD5: 73734364c6abad396de48b24bc016676
- GXP2160 firmware file name: gxp2160fw.bin  
MD5: af53b23318a6a6e0d2e40e9d9ffedc34
- GXP2170 firmware file name: gxp2170fw.bin  
MD5: 658904804c802c6f1863479535b263a1

### ENHANCEMENT

- Added Support to use custom ringtone for matching rule of Caller ID beginning with +
- Added Support to show date and time on status bar [SHOW DATE AND TIME ON STATUS BAR]
- Added Support to show local phonebook in device when it's in public mode
- Added Support to display or hide clock and weather widget on LCD [SHOW CLOCK AND WEATHER WIDGET]
- Added Support Rport (RFC 3581) [SUPPORT RPORT (RFC3581)]
- Added Support of the predictive dialing feature for LDAP
- Added Support of GDS open door button in idle state
- Added Support to send RTP event for the hook flash
- Added Alias information for some features

### BUG FIX

- Fixed Device timezone for Israel
- Fixed Intercom barges into active call improperly
- Fixed Device cannot connect to OpenVPN server
- Fixed Device cannot set static IPv4 address via TR-069 when network is in DHCP mode
- Fixed Device MWI continues to flash even though no new message is present

- Fixed DNS SRV Failover fails when "Check Domain Certificates" is enabled
- Fixed Device does not display "Opendoor success" message when pressing the open door softkey
- Fixed Device GDS feature can open doors without specifying the "action\_attr"
- Fixed Device crashes when calling out if E911 Emergency Number is empty
- Fixed Device crashes if clearing "Filter Characters"
- Fixed DTMF detection and speed dial issue on Metaswitch
- Fixed Device does not connect with 7001 OVPN
- Removed "Weather" string on web UI
- Fixed Device drops incoming calls randomly
- Fixed Device drops calls when using a Bluetooth headset

## NEW FEATURES OVERVIEW

### SHOW DATE AND TIME ON STATUS BAR

- **Web Configuration**

This option can be found under device web UI → Settings → Date and Time.

Show Date and Time on Status Bar  No  Show Time only  Show Both Date and Time

- **Functionality**

This option allows users to show date or/and time, or not to show date and time on LCD status bar.

- **Pvalue**

Pvalue	Description	Value Range	Default
8387	<New Pvalue> Show Date and Time on Status Bar	Value = 0; Show Time only Value = 1; Show Both Date and Time Value = 2; No	Show Time only

### SHOW CLOCK AND WEATHER WIDGET

- **Web Configuration**

This option can be found under device web UI → Settings → Date and Time.

Show Clock and Weather Widget  No  Yes

- **Functionality**

This option allows users to show or hide clock and weather widget on LCD idle screen.

- **Pvalue**

Pvalue	Description	Value Range	Default
8500	<New Pvalue> Show Clock and Weather Widget	Value = 0; No Value = 1; Yes	Yes

### SUPPORT RPORT (RFC3581)

- **Web Configuration**

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

Support Rport (RFC 3581)       No  Yes

- **Functionality**

This option Configures to use symmetric response routing. If it is used, the "rport" field will be added to the Via header field in the SIP Request, and the information will be extracted from the SIP 200OK Response for SIP Register to rewrite the SIP Contact information and apply it in subsequent SIP Requests.

- **Pvalue**

Pvalue	Description	Value Range	Default
131/447/547/ 647/747/847	<New Pvalue> Support Rport (RFC 3581)	Value = 0; No Value = 1; Yes	Yes

## 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 UI. The mode is currently set to 'expert mode' in a dropdown menu. Below the dropdown is a text input field for '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
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### 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 cwmp 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>