

GXV3450/3470/3480 Firmware Release Notes

IMPORTANT UPGRADING NOTE

- When using GXV3480 HW2.0A, after upgrading to firmware 1.0.5.26+, downgrading to 1.0.5.14 or lower is not allowed.
- **After upgrading GXV3480/3450/3470 to firmware 1.0.5.x, downgrading to a 1.0.3.x or lower firmware version is not allowed. When upgrading GXV34xx from 1.0.3.x to 1.0.5.14, the device will perform factory reset automatically. To prevent data loss, please ensure to back up your data before upgrading to 1.0.5.14, using “Backup and Restore” app on GXV34xx LCD menu. Export the backup file from GXV34xx and save it in external storage. After upgrading, please use “Backup and Restore” app again to restore the backup file on GXV34xx.**
- When using GXV3450 HW2.2A, after upgrading to firmware 1.0.3.32+, downgrading to 1.0.3.24 or lower is not allowed.
- When using GXV3470 HW2.2A, after upgrading to firmware 1.0.3.32+, downgrading to 1.0.3.24 or lower is not allowed.
- When using GXV3470 non-HW 2.1A and GXV3470 is already on firmware version 1.0.3.7 or 1.0.3.9, downgrading to 1.0.3.4 or 1.0.1.x firmware version is not allowed.
- When using GXV3470 HW 2.1A, after upgrading to firmware 1.0.3.11+, downgrading to 1.0.3.4 or 1.0.1.x firmware version is not allowed.
- When using GXV3480 HW 1.7A, after upgrading to firmware 1.0.3.11+, downgrading to 1.0.3.4 or 1.0.1.x firmware version is not allowed.
- For security concerns, after upgrading GXV3480/3450/3470 to firmware 1.0.3.4, downgrading to firmware 1.0.1.x is not allowed.
- When using GXV3480 HW 1.6A, after upgrading to firmware 1.0.1.32+, downgrading to a lower firmware version is not allowed.
- After upgrading GXV3480/3450/3470 to firmware 1.0.1.16+, downgrading to a lower firmware version is not allowed.
- When using GXV3480 HW 1.5A, after upgrading to firmware 1.0.1.23+, downgrading to a lower firmware version is not allowed.

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FIRMWARE VERSION 1.0.5.29

PRODUCT NAME

GXV3450, GXV3470, GXV3480

System 1.0.5.29; u-boot 1.0.5.27; boot 1.0.5.27; CPE 1.0.5.27

DATE

05/08/2026

FIRMWARE FILE INFORMATION

- GXV3450 firmware file name: gxv3450fw.bin
MD5: 333906ff8edd505f85143561c209b7f4
- GXV3480 firmware file name: gxv3480fw.bin
MD5: ca6a8e795a9ce8411206f291182dc819
- GXV3470 firmware file name: gxv3470fw.bin
MD5: 886db8362fb90c8f45a5cead754cd326

CHANGES SINCE FIRMWARE VERSION 1.0.5.26

ENHANCEMENT

- Supported special feature “Zoom” under account settings. [ZOOM SPECIAL FEATURE]
- Added “Trusted Domain Name List” under web UI Account -> Advanced Settings. [TRUSTED DOMAIN NAME LIST]
- Added “Enable BLF Pickup Sound” under web UI Phone Settings -> Call Settings. [BLF PICKUP SOUND]
- Improved the device config export format. [CONFIG EXPORT IMPROVEMENT]
- Improved the name display in the caller ID when using special characters.
- Enhanced the dialer interface to limit the maximum number of participants.
- Supported adding the Call Forward setting button from the Widget setting on LCD.
- Supported display broadcast message on LCD. [INSTANT MESSAGE]
- Updated SDK to support getting the incoming call Caller-ID.
- Supported the name to be empty when creating a value-added service button so Caller-ID will be used for displaying.
- Supported different call forwarding icons for each type.
- Added “Matching incoming/outgoing information” for Display Condition when creating a DTMF value-added service button.
- Added “DTMF Keypad Display Timeout” settings under web UI -> Call Settings. [DTMF KEYPAD TIMEOUT]
- Added Camera app on LCD.

- Improved the provision to prevent boot loop when duplicate P-value or alias are used. The first appearance will be applied.
- Added “Reboot on Check-sync Event without "reboot="" under web UI -> Account -> Special Features. [REBOOT ON CHECK-SYNC]
- Improved the name display in the caller ID when using special characters.

BUG FIX

- Fixed device fails to get an IP when the DHCP Offer includes Option 242.
- Fixed device changed the default phone app from third-party app back to native app after reboot.
- Fixed an issue where the GUI configuration file still included the LDAP Contact icon even when the home screen was customized to “No Icons”.
- Fixed device does not play ringtone when “Always Ring Speaker” setting is enabled.
- Fixed GXV34xx does not display the name on the left bottom of the whiteboard when receiving a presentation.
- Fixed a low-probability issue where the firmware upgrade could get stuck on the booting interface.
- Fixed an issue where programmable key values could be incorrectly updated due to configuration operations.
- Fixed an issue where the screen lock password was enforced after a time when the backup task was disabled.
- Fixed device fails to establish a video call after the callee transfers the incoming call to another without answering.
- Fixed a Calculator app issue when the divisor is 0.
- Fixed device fails to display video with a GCS3565 when SRTP is set to “Optional”.
- Fixed device fails to find a Bluetooth device in a valid range.
- Fixed when the video size is QCIF, the remote screen of the video call keeps flashing.
- Fixed the video display does not follow the Video Display Mode settings correctly.
- Fixed the device fails add a new contact from the number in Browser webpages.
- Fixed virtual background button is not displayed in the call interface.
- Fixed progress bar display issue during contact export.
- Fixed the voicemail play prompt is not displayed completely.
- Fixed GXV3470 does not pop up the soft keypad in the call transfer interface.
- Fixed GXV3450 dial button from voicemail notification is not easy to trigger.
- Fixed keypad automatically turns off when a long DTMF is not fully transmitted.
- Fixed the LCD setting names are not consistent for capitalized letters.
- Fixed a device crash issue when presentation is toggled on and off during frequent HDMI IN connection and disconnection.
- Fixed device fails to stay in LDAP tab when reopening the LDAP Contact app.
- Fixed device group calls always initiate with an audio call when there is only one participant.
- Fixed the app uninstallation errors from the GS Market.
- Fixed Recorder app search result is empty by default in searching.
- Fixed the issue where a factory reset could be triggered via a long press of the reset button during boot,

despite “Configuration via Keypad Menu” being configured as Constrained Mode.

- Fixed GXV3450 One-Way Call Function Buttons settings errors on tooltip and warnings.
- Fixed device does not display Caller ID Name in Call History.
- Fixed Presence Watcher fails to update extension status on MPK keys.
- Fixed the audio gets choppy when connected to an RJ9 headset until a reboot.
- Fixed an issue where the GUI configuration file still included the LDAP Contact icon even when the home screen was customized to “No Icons”.
- Fixed tooltip error for Programmable key modes.
- Fixed an issue where the device failed to display multiple screensavers when using a network image URL.
- Fixed device failed to initiate video invitation from an ongoing SRTP audio call.

NEW FEATURES OVERVIEW

ZOOM SPECIAL FEATURE

The accounts now have special feature “Zoom” to support the features integrated on Zoom platform. Navigate to the web UI -> Account -> Special Features -> Special Feature and select “Zoom” option.

Special Feature 

TRUSTED DOMAIN NAME LIST

This feature configures the list of trusted domain names, which supports filling in the subject alternative name list used only for domain name verification in TLS to obtain certificates. This setting is under web UI -> Account > Advanced Settings. Enable the “Check Domain Certificates” and the “Trusted Domain Name List” will show up.

Check Domain Certificates 

Trusted Domain Name List  

BLF PICKUP SOUND






This feature configures to play sound when a monitoring BLF line is ringing. The feature is under web UI Phone Settings -> Call Settings -> Enable BLF Pickup Sound. The P-value is P9906, 0 – No, 1 – Yes. Default is 0.

Enable BLF Pickup Sound 

CONFIG EXPORT IMPROVEMENT

This web UI now supports downloading text and xml format configurations. Navigate to the web UI -> Maintenance -> Upgrade -> Config File tab. Select either download the whole or changed configuration.




| Configure Manually

Download Device Configuration 	All Configuration	Changed Configuration
Download Device Configuration (XML) 	All Configuration	Changed Configuration (XML Help Document)
Download User Configuration 	All Configuration	Changed Configuration
Upload Device Configuration 	<input type="button" value="Browse"/>	

INSTANT MESSAGE

These features configure the device behavior on receiving an instant message, such as whether to popup, the popup display time and whether a notification sound will be played. They are under web UI -> System Settings -> Preferences.

Instant Message

Enable IM Popup 	<input checked="" type="checkbox"/>
Instant Message Popup Timeout 	<input type="text" value="10"/>
Enable IM Tone 	<input type="checkbox"/>
<input type="button" value="Save"/> <input type="button" value="Reset"/>	

DTMF KEYPAD TIMEOUT

This feature configures the timeout duration in seconds for the DTMF keypad display during a call. When set to 0, the keypad will always be visible. P-value is P7088. Valid range is 0 – 30.

DTMF Keypad Display Timeout (s) 	<input type="text" value="5"/>
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REBOOT ON CHECK-SYNC

This feature configures whether to reboot when the receiving SIP NOTIFY check-sync event without "reboot=" header. When enabled, the device will reboot. The setting is under web UI -> Account -> Special Features. P-value is P95030, 95130, 95230, 95330, 95430, 95530, 95630, 95730, 95830, 95930, 96030, 96130, 96230, 96330, 96430, 96530. Options: 0 – No, 1 – Yes.

Reboot on Check-sync Event without "reboot=" 	<input checked="" type="checkbox"/>
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FIRMWARE VERSION 1.0.5.26

PRODUCT NAME

GXV3450, GXV3470, GXV3480
System 1.0.5.26; u-boot 1.0.5.24; boot 1.0.5.24; CPE 1.0.5.27

DATE

03/04/2026

FIRMWARE FILE INFORMATION

- GXV3450 firmware file name: g xv3450fw.bin
MD5: e254de2407390b5d275f28c6019755b6
- GXV3480 firmware file name: g xv3480fw.bin
MD5: 0853331251e123b19a6d6000e1f02322
- GXV3470 firmware file name: g xv3470fw.bin
MD5: 620b202e55ecf80970039a6938ce7ebe

CHANGES SINCE FIRMWARE VERSION 1.0.5.15

ENHANCEMENT

- Supported different options “reboot=false” or “reboot=true” in “Event: Check-Sync” header to control the device to reboot or not.
- Added “Optional” option in SRTP Mode settings.

BUG FIX

- Fixed GXV3450 fails to scroll down on the Teams app for joining to meeting.
- Fixed GXV34xx prompts incorrectly after setting a wallpaper.
- Fixed a noise issue when playing a recording.
- Fixed domain is unable to be resolved when DNS mode is SRV causing device no longer able to register.
- Fixed device fails to recover Google Play Store from backup file.
- Fixed device screensaver setting issues in backup file recovery after the Android 14 system update.
- Fixed device does not follow app display settings after backup file recovery.
- Fixed some web UI display errors.
- Fixed LCD requires admin password input when the admin performs the factory reset from web UI.
- Fixed some security issues.
- Fixed device generates duplicate core files after some reboots.
- Fixed device requests audio data from RTSP link.
- Fixed Clock app notification is disabled by default.
- Fixed GXV3470 cust file will cause the app display issue at the bottom of LCD.

- Fixed the SIP account configuration is not cleared when switching between focus and normal mode.
- Fixed device will have PEM verification failure when connecting Ethernet cable in some scenarios.
- Fixed device gets stuck in start interface when switching from Zoom to Generic mode.
- Fixed device preview plays audio when "Auto Preview" is set to "Yes with Ringing".
- Fixed GXV3450 Zoom has TX noise issue.
- Fixed device LED light color error on Ethernet cable connection.
- Fixed the SDK failures on some APIs such as GsLightManager, DnDManager, GsDevStateManager.
- Fixed HDMI OUT does not play audio when the GXV3480 and GXV3470 LCD turns on from screen off.
- Fixed GXV3480 fails to display multiple screensavers from URL.
- Fixed device does not play ringtone for the incoming call when in a call failure interface.
- Fixed device fails to answer call from 2N Intercom.

FIRMWARE VERSION 1.0.5.15 (BETA ONLY)

PRODUCT NAME

GXV3450

DATE

10/16/2025

FIRMWARE FILE INFORMATION

- GXV3450 firmware file name: gxv3450fw.bin
MD5: e2e25817730aea8403c3bd7971b29b64

CHANGES SINCE FIRMWARE VERSION 1.0.5.14

ENHANCEMENT

- (None).

BUG FIX

- Fixed GXV3450 audio gets choppy when connected to an RJ9 headset until a reboot.

FIRMWARE VERSION 1.0.5.14 (BETA ONLY)

PRODUCT NAME

GXV3450, GXV3470, GXV3480

DATE

08/25/2025

FIRMWARE FILE INFORMATION

- GXV3450 firmware file name: gxv3450fw.bin
MD5: 18314ee3029f7af1f3f987499293cba3
- GXV3470 firmware file name: gxv3470fw.bin
MD5: 8538f72f3a8b69b68edd3989691f2065
- GXV3480 firmware file name: gxv3480fw.bin
MD5: e4694e82be451f4327ec90918e090d77

IMPORTANT NOTES


After upgrading GXV3480/3450/3470 to firmware 1.0.5.x, downgrading to a 1.0.3.x or lower firmware version is not allowed.



When upgrading from 1.0.3.x to 1.0.5.14, the device will perform factory reset automatically. To prevent data loss, please ensure to back up your data before upgrading to 1.0.5.14, using “Backup and Restore” app on GXV34xx LCD menu. After backup, export the backup file from GXV34xx and save it in external storage. After upgrading, please use “Backup and Restore” app again to restore the backup file on GXV34xx.

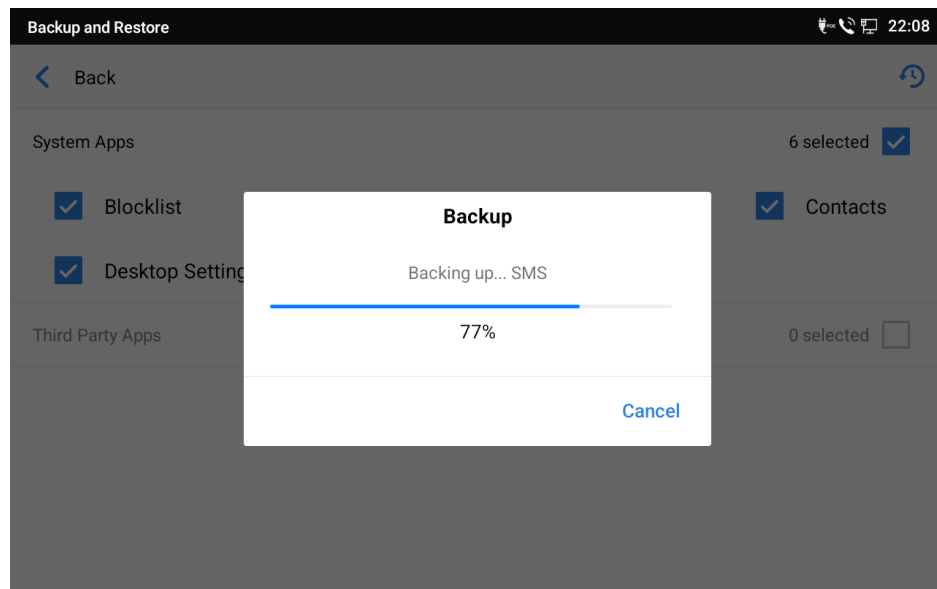
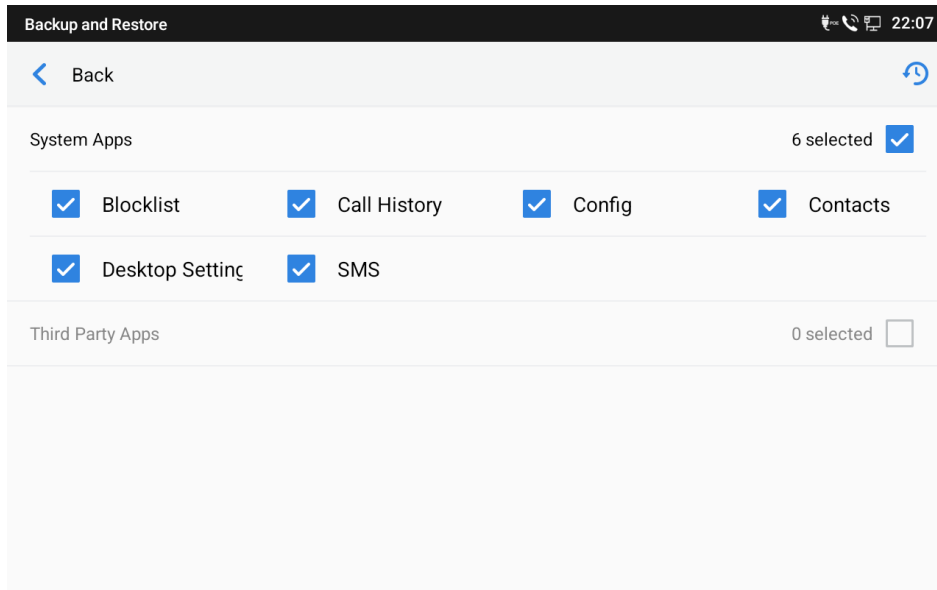
Please note if you have pictures and files in the device internal storage, please also export to external storage from GXV34xx and back them up separately.

Here are the steps for using “Backup and Restore” app for data backup/restore:

1. Backup Data

GXV34xx “Backup and Restore” Built-in application is used to back up data or import backup files to restore data. It can be accessed from the LCD menu. Click on  to open the app. The default screen will list available backup files (if any) and backup options.

Before upgrading, press  icon to create a new backup. The user can select data and press  option to start backup.

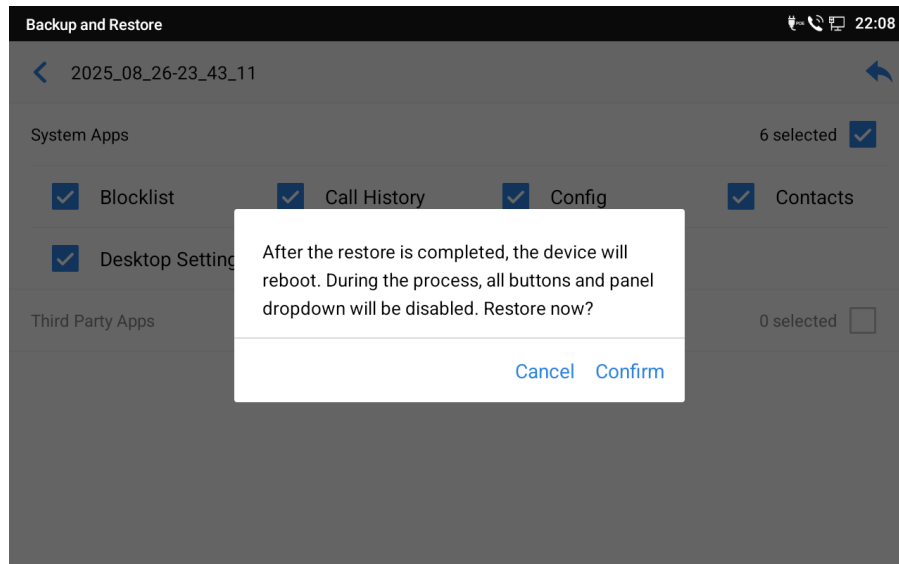


The backup file can be retrieved under GXV34xx **“File Manager”** app->**Internal Storage->Backup**. Make sure to export the backup file to external storage such as USB flash drive so it can be used for restoring later.

2. Restore Backup Data

After device is upgraded to 1.0.5.14, it will be reset to factory default settings. Import the backup file to GXV34xx (e.g., plugging in the USB flash drive). Open the GXV34xx “Backup and Restore” app and select

the backup file to restore. The device will reboot after the process is done.



CHANGES SINCE FIRMWARE VERSION 1.0.3.32

ENHANCEMENT

- Upgrade the operating system to Android 14.
- Improved the security to meet EU safety standard.

FIRMWARE VERSION 1.0.3.32

PRODUCT NAME

GXV3450, GXV3470, GXV3480

DATE

03/31/2025

FIRMWARE FILE INFORMATION

- GXV3450 firmware file name: gxv3450fw.bin
MD5: 0f2cab0dc98f2f7772d9758acc293cc
- GXV3470 firmware file name: gxv3470fw.bin
MD5: 1b2a1cb1373b82d7ccece62bf377c9e5
- GXV3480 firmware file name: gxv3480fw.bin
MD5: 0309da5b058b582673cf13d29731b759

KNOWN ISSUES

- The Camera app is removed temporarily for fixing and will be back in the future.
- GXV3450 default transfer mode value is incorrect.
- 3.5mm headset fails to control the call.

CHANGES SINCE FIRMWARE VERSION 1.0.3.24

ENHANCEMENT

- Updated some GXV3470 and 3450 LCD hardware.
- Supported notification tones in conference calls. [CONFERENCE TONES]
- Account widget will display an icon enabling the call forward.
- Supported Guest Login feature. This is on GXV3470 only. [GUEST LOGIN]
- Supported managing the settings using special SDK tool. [SETTINGS SDK]
- Supported disabling and enabling ICMP relay. [ICMP RELAY]
- Added a setting in GUI Customization Web Tool -> Layout Settings page to disable the Focus Mode.
- Supported hiding “SMS Reply” and “No Ringing” buttons in call interface. [CALL INTERFACE BUTTONS]
- Updated CPE to support GDMS configuration tasks.
- Updated some display and wordings on web UI.
- Supported “Presence Watcher” and “Send URL” when creating a programmable key for extension module.
- Supported device downloads the contact in an assigned time window. [CONTACTS DOWNLOAD WINDOW]

- Added “Conference Video Layout” setting for GXV3480 and GXV3470. [CONFERENCE VIDEO LAYOUT]
- Supported OpenVPN failover. [OPENVPN FAILOVER]
- Updated Zoom Mode apk to version 6.3.5 (1552).






BUG FIX

- Fixed device fails to connect to other clients under the same OpenVPN network.
- Fixed some attended transfer issues when using TLS.
- Fixed some security issues.
- Fixed calling number does not match the number from Contact search result.
- Fixed CA upload page disappeared in settings on Zoom Mode.
- Fixed time zone issue for Kazakhstan.
- Fixed SIP un-registration issue due to mis-formatted CONTACT Header.
- Fixed Contact app crashes when the language is set to German.
- Fixed GXV3470 fails to play notification sound when receiving multiple messages.
- Fixed some issues in Zoom Mode: volume adjustment issue when output to the handset, playing a dial tone after the call is transferred, no prompt when downloading and applying configuration, etc
- Fixed active SIP call audio is automatically switched to speaker mode upon receiving Whatsapp call notification.
- Fixed SDK fails to obtain data using getSN and getPN methods.
- Fixed DUT sends an empty SDP in 200OK response to an update message.
- Fixed video streaming issue when integrated with Avigilon H6M camera.
- Fixed BLF indicator status is not updated with Karel PBX.

NEW FEATURES OVERVIEW

CONFERENCE TONES

This feature configures the conference call plays a notification tone periodically. This setting is under web UI -> Phone Settings -> Ringtone -> Call Tone Settings. Users can customize the tone for new member entry, music on hold tone and notification for an active call, and their intervals.

Enable Meeting Tone 	<input type="checkbox"/>
Member Initiation Tone 	<input type="text" value="f1=450,c=200/200;"/>
Active Meeting Tone 	<input type="text" value="f1=475,c=100/100;"/>
MOH Tone 	<input type="text" value="f1=400,f2=425,c=100/100-100/5000;"/>
Conference Tone Interval 	<input type="text" value="20"/>

GUEST LOGIN



This feature allows users to register the account as a guest, GXV3470 only. The guest needs to input the account ID and


password, and PIN, to secure the use period and account information.


1. From web UI -> Phone Settings -> General Settings -> Guest Features, check “Guest Login” and save.
2. Administrator can assign timeout and PIN code. After the timeout, the user needs to input PIN again to stay active.

Basic Settings **Guest Features**

| Guest Settings

Guest Login  


Guest Login Timeout 



Guest Login PIN Code 


Save

3. Admin should create an SIP domain list for use to choose. If the server alias has 2 or more servers, the device would add them to the same virtual group and allows fail-over registration.

| SIP Domain

Server Alias 

Server List  



Add Cancel

4. When the admin disables Guest Login feature, the device needs to reboot to take effect.

SETTINGS SDK

We offer an individual SDK to support configuring and applying a setting change using SDK method calls. To achieve this feature, please contact Grandstream for more details.


ICMP RELAY


This setting allows the user to configure the device will receive ICMP messages sent by network devices. This is under web UI -> Network Settings -> Advanced Settings. P-value is P189, 0 – No, 1 – Yes. Default is “Yes”.

Enable ICMP Reply 

CALL INTERFACE BUTTONS


These settings are for hiding the “SMS Reply” and “No Ringing” buttons in the ongoing call interface. They are under web UI -> Phone Settings -> Call Settings. P-values are P7085 and P7086, 0 – No, 1 – Yes. Default is “Yes”.


Enable SMS Reply 


Enable No Ringing 

CONTACTS DOWNLOAD WINDOW

The settings allow the user to assign a time window or an interval to update the contacts. They are under web UI -> Applications -> Contacts.


Automatic Download Interval 

Download Repetition Period  Every day Every week Every month

Starting - Ending Hour of the Day (0-23)  -

CONFERENCE VIDEO PLAYOUT

The setting configures the layout after the conference video call is established, supported by GXV3480 and GXV3470 only. By default, it's large and small screen layout. If set to “Equal split screen”, the equal split screen layout is displayed after the conference video call is established.

Conference Video Layout 

OPENVPN FAILOVER

The setting configures the failover server and port when the first server is unreachable for OpenVPN. They are under web UI -> Network Settings -> OpenVPN Settings.

OpenVPN® Server Secondary Address 

OpenVPN® Secondary Port 

FIRMWARE VERSION 1.0.3.24

PRODUCT NAME

GXV3450, GXV3470, GXV3480

DATE

08/29/2024

FIRMWARE FILE INFORMATION

- GXV3450 firmware file name: g xv3450fw.bin
MD5: 3688307d829a5a72676a48108dbef414
- GXV3470 firmware file name: g xv3470fw.bin
MD5: ee4513c6cf2176962c3c704a5a550ca9
- GXV3480 firmware file name: g xv3480fw.bin
MD5: 65f6526a1fcbb668a62e2e2d25f2ec77

CHANGES SINCE FIRMWARE VERSION 1.0.3.12

ENHANCEMENT

- Improved some wording on web UI settings and LCD.
- Improved syslog display for SIP log.
- Supported initiating video call from Contacts app.
- Supported long pressing “0” on keypad to dial “+” on GXV3450 idle screen.
- Support P-value P82307 to enable keeping syslog after factory reset. 1 – enabled, 0 – disabled. No alias is assigned yet.
- Supported “With secret key information” in One-click Debugging. [SECRET KEY INFORMATION]
- Supported playing MoH when the remote party holds the call.
- Updated Local RTP Port valid range to avoid conflict with other services.

BUG FIX

- Fixed some hardware issue on GXV3450 touch pad.
- Fixed some LCD display issues in Traditional Chinese.
- Fixed LCD display issue when attended transfer fails.
- Fixed Enterprise Directory app crash issue when the URL contains a file name.
- Fixed device default value issues in web UI Ringtone page.
- Fixed SIP account will lose registration when a BLF has incoming calls.
- Fixed adding Baudisch records without name and Access Password to the web will result in crash.
- Fixed DNS SRV query is sent every second when using STUN.
- Fixed device sends duplicate REGISTER and MWI SUBSCRIBE upon reboot.

- Fixed device header errors in the SIP REGISTER packets.
- Fixed device is redownloading call logs when dialing out using the missed call log.
- Fixed some P-value errors when provisioning BS Xsi app.
- Fixed call park retrieval issue from alternate device on Broadsoft platform.
- Fixed device has chances to be held when join parties to a network conference on Broadsoft platform.
- Fixed device fails to add a valid simultaneous ring number after adding an invalid ring number on Broadsoft platform.
- Fixed device fails to establish video call by calling auto attendant on Broadsoft platform.
- Fixed device does not show error prompt when the hoteling guest logs in using wrong password on Broadsoft platform.
- Fixed device does not send 180 Ringing for DND ring splash on Broadsoft platform.
- Fixed device calling barge-in fails if using account 2 on Broadsoft platform.
- Fixed SCA barge-in icon color issue when holding the call on Broadsoft platform.

NEW FEATURES OVERVIEW

SECRET KEY INFORMATION

This feature allows to decrypt SIP TLS message. It is under web UI -> Debug -> One-click Debugging -> Debug Info Menu. Please unregister the SIP account before starting to capture.

One-click Debugging ⓘ

Start

Debug Info Menu ⓘ

Select all

Syslog

Logcat

Capture trace

With secret key information

Tombstones

ANR Log

Record

FIRMWARE VERSION 1.0.3.12

PRODUCT NAME

GXV3450, GXV3470, GXV3480

DATE

04/26/2024

FIRMWARE FILE INFORMATION

- GXV3450 firmware file name: gxv3450fw.bin
MD5: 8fe073b92a3b06621a3513d825418817
- GXV3470 firmware file name: gxv3470fw.bin
MD5: 83d736b5112b25a6ba3ae84637bdcae0
- GXV3480 firmware file name: gxv3480fw.bin
MD5: b99f2c5e4f80e5c480e0d3e93065ce44

Note:

GXV3450/3480 firmware 1.0.3.11 are replaced with firmware 1.0.3.12.

CHANGES SINCE FIRMWARE VERSION 1.0.3.4

ENHANCEMENT

- Added syslog information when the wallpaper is downloaded.
- Supported displaying longer string on the Programmable Keys widget. [DISPLAY LONG STRING]
- Supported disabling desktop widget editing from GUI Config Tool ->Layout Settings->Disable Desktop Management.
- Added One-click Configuration app on LCD to integrate with GCC device. [ONE-CLICK CONFIGURATION APP]
- Retrieved user access to web UI by default. [RETRIEVE USER ACCESS]

BUG FIX

- Fixed GXV3480 web UI account video codec selection displays no options.
- Fixed device fails to automatically log in Web UI 3CX platform.
- Fixed device fails to complete attended transfer via BLF MPK on 3CX platform.
- Fixed device fails to change server wallpaper with the same filename even if the file path is different.
- Fixed device uaCSTA is not making/receiving calls correctly.
- Fixed GXV3480 fails to display Japanese keyboard layout.
- Fixed device ringtone page values and actual ringtones not matching issue.
- Fixed device fails to pick up call from NEC PBX.

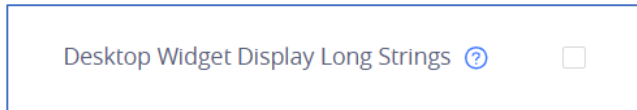
- Fixed device fails to display diversion header information when answering a call.

NEW FEATURES OVERVIEW

DISPLAY LONG STRING

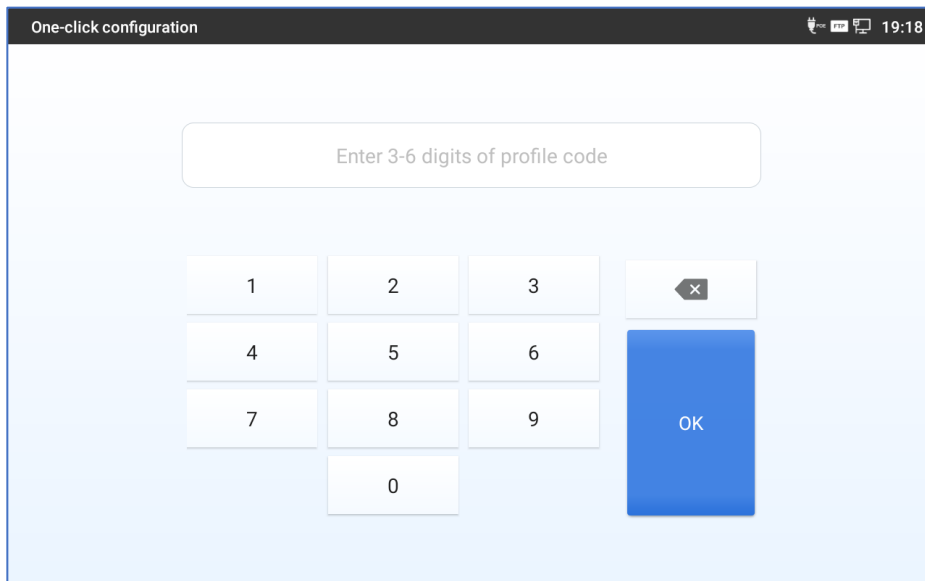
The feature supports displaying longer names for the Programmable Keys widget.

The setting is under web UI -> Applications -> Programmable Keys -> General Settings. When enabled, the widget default width will be wider, and the key length will be self-adjusted to the widget width. The P-value is 8346, 0 – No, 1- Yes.



ONE-CLICK CONFIGURATION APP

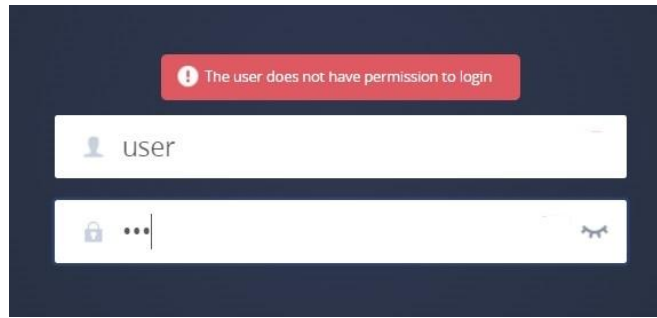
The app is designed to provision an account to the device assigned by GCC601X. After the device boots up in the same network with the GCC, input the profile code in the app or prompt. The app will validate the code before provisioning. If the code is incorrectly input multiple times, the provision will be suspended for a certain period (15 minutes by default).



RETRIEVE USER ACCESS

By default, the “user” does not have the permission to access web UI anymore. To access the web UI by “user”, the “admin” needs to enable web UI -> System Settings -> Security Settings -> Enable User Web Access. The P-value is P8469.





FIRMWARE VERSION 1.0.3.4

PRODUCT NAME

GXV3450, GXV3470, GXV3480

DATE

12/04/2023

FIRMWARE FILE INFORMATION

- GXV3450 firmware file name: gxv3450fw.bin
MD5: 3b16924eecbcf20e7bd6062cc53be1da
- GXV3470 firmware file name: gxv3450fw.bin
MD5: 67a54a2dccc0044cd7b62bab34fc448f
- GXV3480 firmware file name: gxv3480fw.bin
MD5: 7021506fabbb0f38b45ce14f32b17d7f

Note:

GXV3450, GXV3470 and GXV3480 1.0.3.4 is replaced by new firmware 1.0.3.11. Please refer to 1.0.3.11 release notes.

CHANGES SINCE FIRMWARE VERSION 1.0.1.33

ENHANCEMENT

- Supported “Account Disaster Recovery” under web UI Phone Settings to support secondary and more SIP server. [ACCOUNT DISASTER RECOVERY]
- Supported remote access to the web UI via GDMS device options menu.
- Supported receiving UCM broadcast message in SMS app. [BROADCAST SMS]
- Supported Remote Phonebook on web UI. [REMOTE PHONEBOOK]
- Supported call switch. [CALL SWITCH]
- Supported Enterprise Directory app. [ENTERPRISE DIRECTORIES]
- Supported Focus Mode. [FOCUS MODE]
- Supported web screen sharing. [SHARE SCREEN]
- Supported LCD Control on web UI. [WEB CONTROL LCD]
- Supported enable/disable screenshot control. [SCREENSHOT CONTROL]
- Improved the feature for N-way conference.
- Improved the incoming call interface when switching between standard and Zoom mode.
- Supported Dynamic Lock feature. [DYNAMIC LOCK]
- Supported full screen layout for video call.
- Supported VP8 video codec in web UI account codec settings.

- Supported G.722.1 and G.722.1C audio codecs in web UI account codec settings.
- Supported virtual background during the video call. [VIRTUAL BACKGROUND]
- Supported whiteboard in UCM calls. [WHITEBOARD]
- Supported one-key debugging on LCD. [ONE-KEY DEBUGGING]
- Supported echo delay detection and input. [ECHO DELAY ADJUSTMENT]
- Supported Schedule Tasks from web UI. [SCHEDULED TASKS]
- Updated boot up animation.
- Increase contact maximum volume to 2000 inputs.

BUG FIX

- Fixed GXV3480 doesn't play the ringtone when a call is received from the GDS37xx.
- Fixed LDAP contact cannot be sorted by alphabet.
- Fixed GXV3480 randomly plays a warning tone for Auto Answer.
- Fixed device does not follow the Codec Negotiation Priority when on Callee and receiving a call.

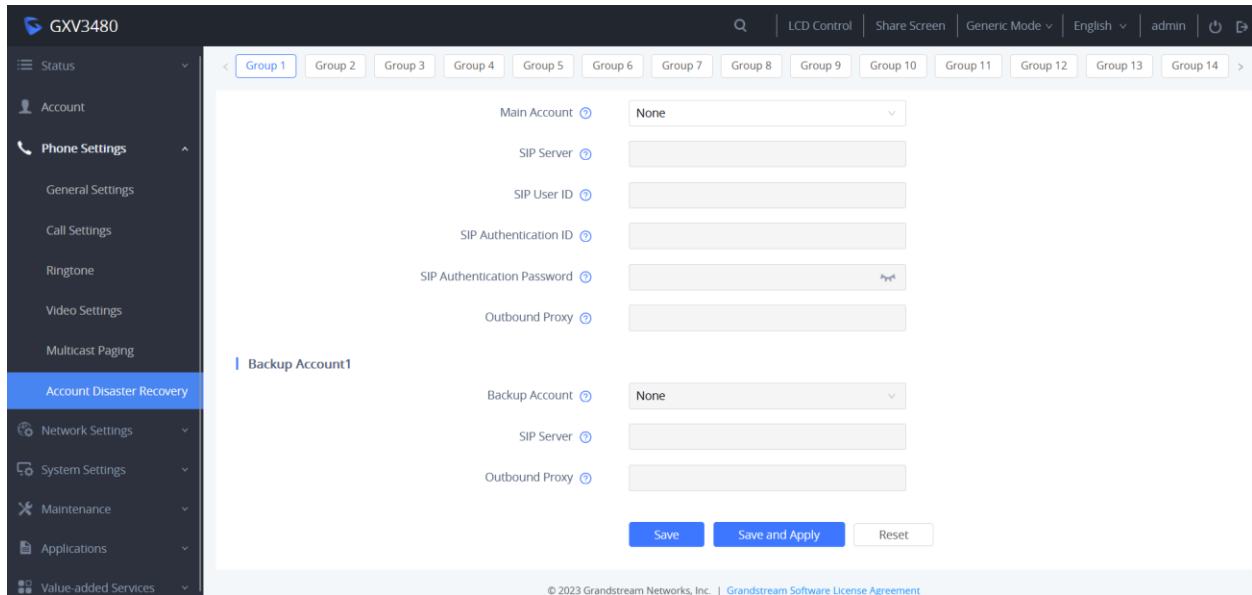
NEW FEATURES OVERVIEW

ACCOUNT DISASTER RECOVERY

The new web UI configuration allows the user to group multiple accounts into one to implement SIP registration failover. It is under web UI -> Phone Settings. The account will try to register to the secondary server if fails on the primary.

Each account can be assigned to only one group.

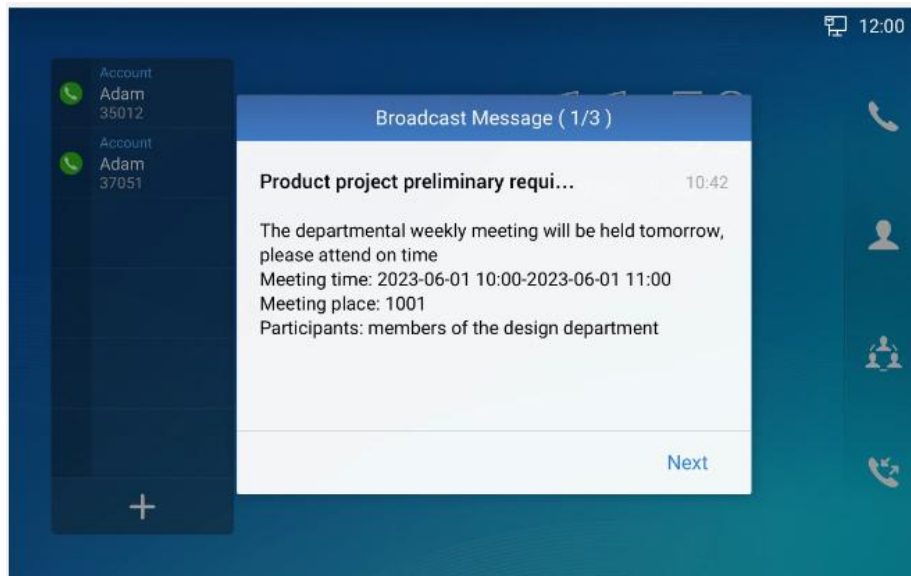
Backup account must be behind the primary account. For example, if account 3 is the primary account, its backup account must be selected from account 4 to account 16.



The screenshot displays the 'Account Disaster Recovery' configuration page for a GXV3480 device. The interface includes a top navigation bar with 'Group 1' selected, a sidebar menu with 'Account Disaster Recovery' highlighted, and a main configuration area. The 'Main Account' section has a dropdown set to 'None' and empty input fields for SIP Server, SIP User ID, SIP Authentication ID, SIP Authentication Password, and Outbound Proxy. The 'Backup Account1' section also has a dropdown set to 'None' and empty input fields for SIP Server and Outbound Proxy. At the bottom, there are 'Save', 'Save and Apply', and 'Reset' buttons. A footer note reads: '© 2023 Grandstream Networks, Inc. | Grandstream Software License Agreement'.

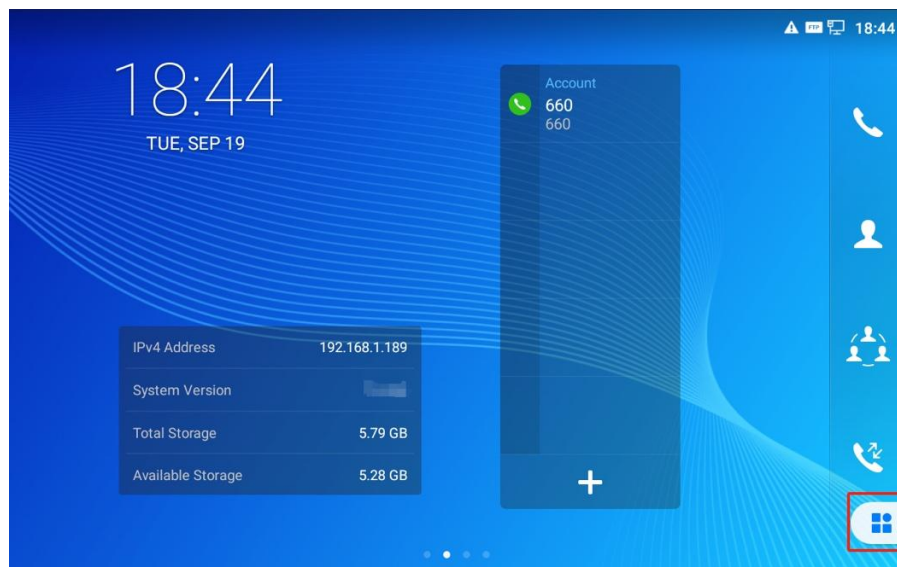
BROADCAST SMS

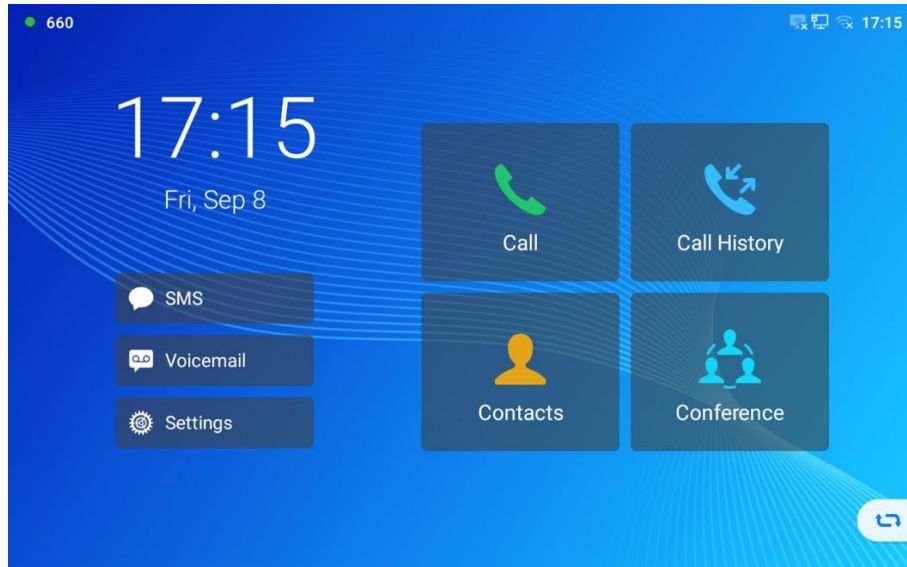
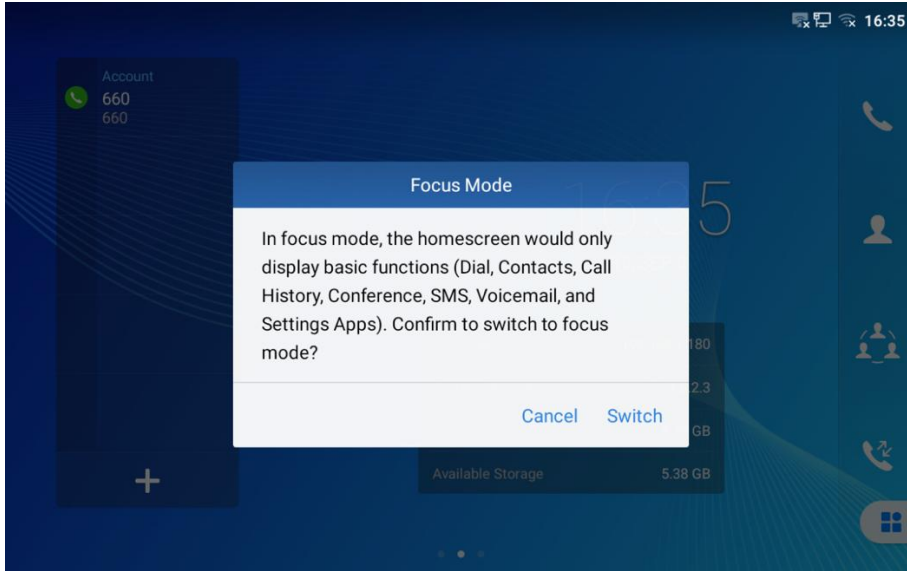
This feature allows the device to receive broadcast SMS from UCM server. Below is the message prompt.



FOCUS MODE

This feature allows the user to access limited apps on LCD. Users can also click the lower right button on LCD to switch back to standard mode.





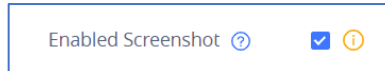
REMOTE PHONEBOOK

The feature allows the user to import the phonebook from other servers. It is under web UI -> Applications.

Remote Phonebook				
	Name	URL	Username	Password
Phonebook 1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="password"/>
Phonebook 2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="password"/>
Phonebook 3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="password"/>
Remote Phonebook Update Interval (m) ⓘ				<input type="text" value="0"/>
		<input type="button" value="Save"/> <input type="button" value="Reset"/>		

SCREENSHOT CONTROL

This feature allows the user to enable or disable taking screenshot via long pressing the Home softkey. The setting is under web UI -> System Settings -> Preferences -> Peripherals Interface Management.



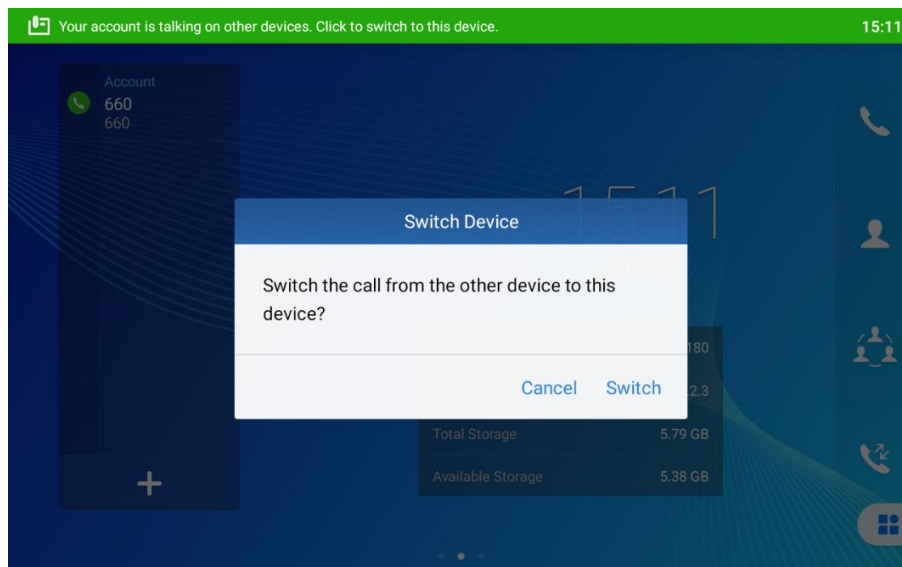
CALL SWITCH

This feature allows the user to switch an ongoing call between different devices or apps. When the user answers a call from such as Wave app on cellphone or PC, the LCD would display a notification on the top to allow switch the call to the device. After switching, the call on original device will be terminated.

Supported scenarios: 1) When the account is in a 2-way call or UCM conference. 2) When the account is in an audio or video call.

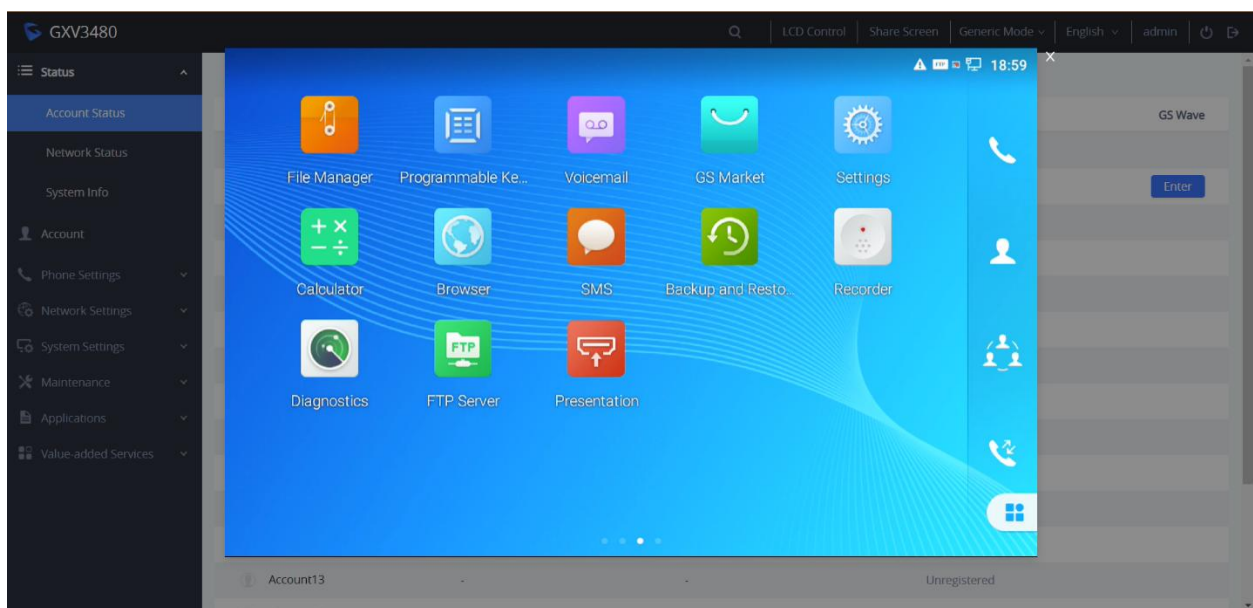
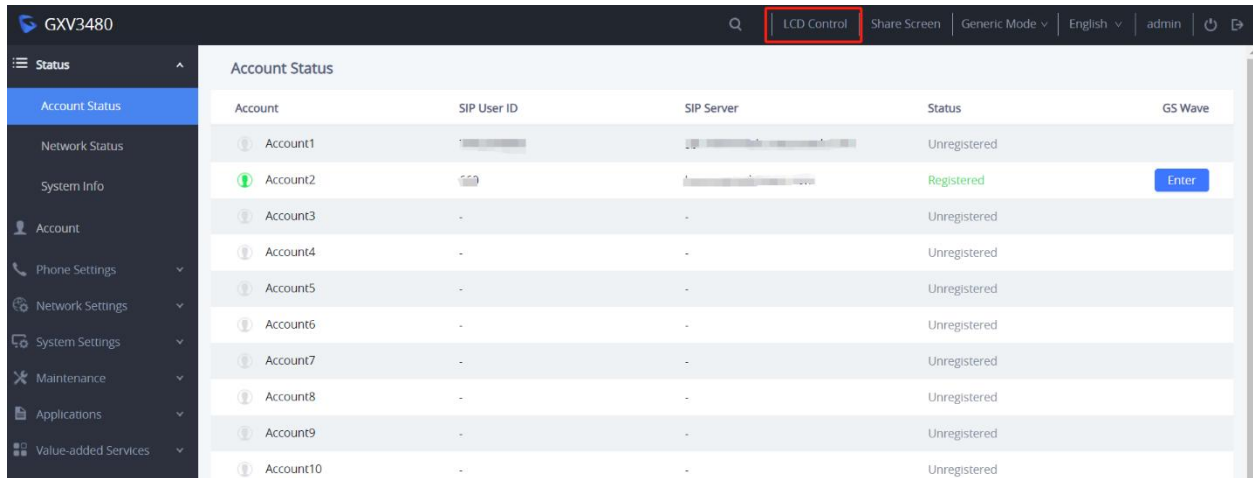
Unsupported scenarios: 1) When the account is having multiple exclusive calls with different users. 2) When the account is the host of a local conference call.

Switch methods: 1) Tap on the top of the device LCD. 2) Dial feature code *46 (or configured by UCM server).



WEB CONTROL LCD

This feature allows the user to control the LCD operation from web UI. The mouse click and dragging works as tapping and swiping. The "LCD Control" button is on the top of the web UI., shown as below. Then the device LCD interface would be synchronized in the web UI.



ENTERPRISE DIRECTORIES

This feature allows the user to connect to Huawei UC2 server to access the enterprise directory. The setting is under web UI -> Application -> Enterprise Directories.

Enterprise Directories

Enable Enterprise Directory [?](#)

Server Type [?](#) UC2

Server Address [?](#)

Enterprise Directory Auth Type [?](#) LoginAuth

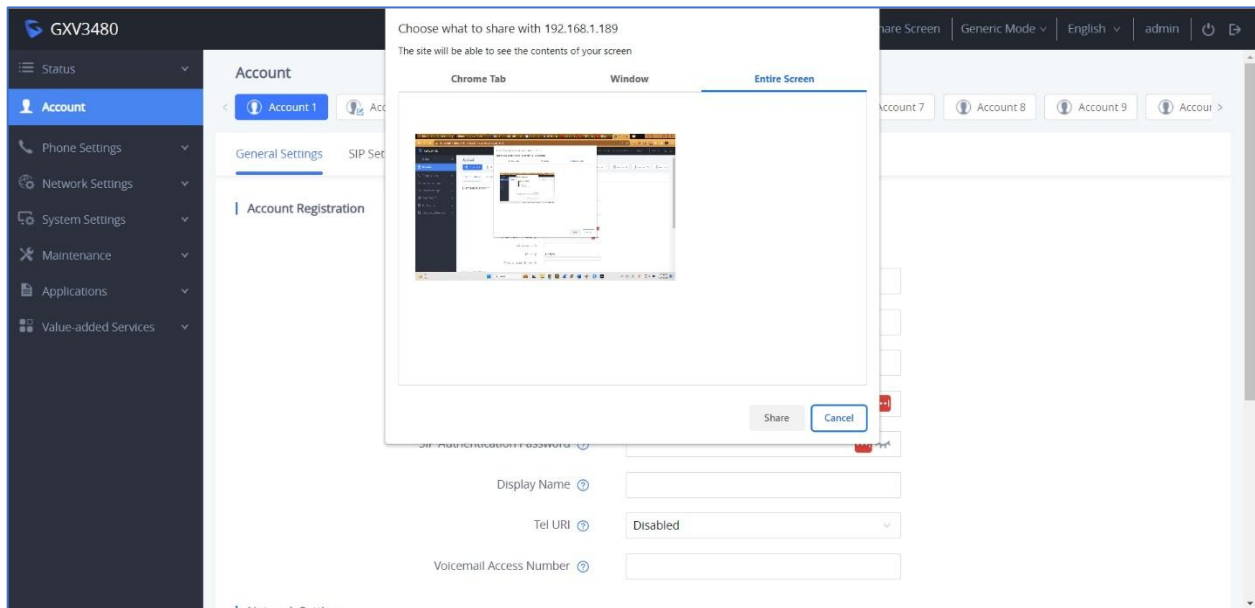
Username [?](#)

Password [?](#)

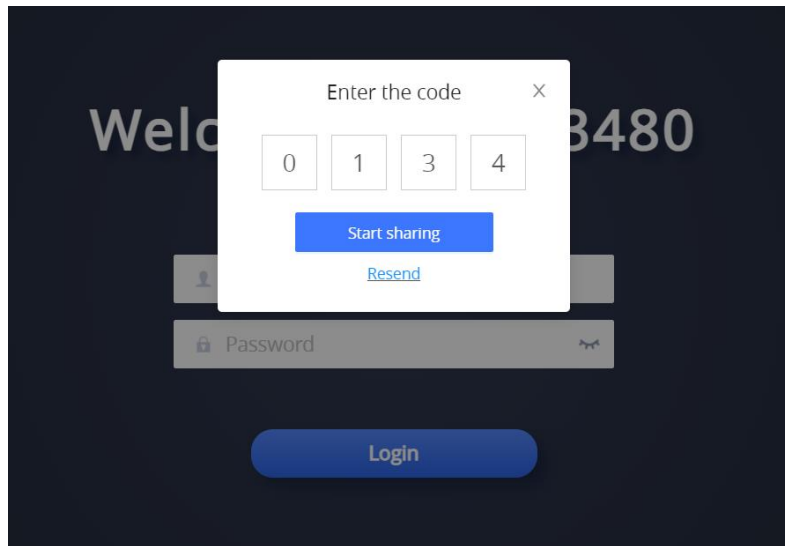
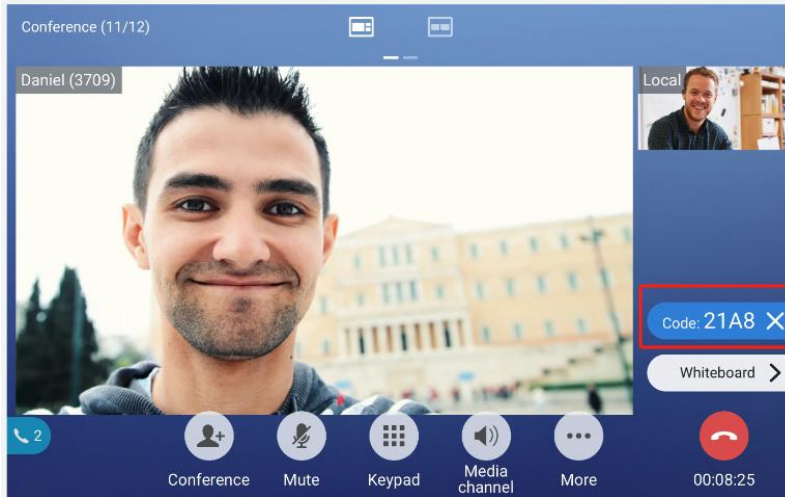
Save
Reset

SHARE SCREEN

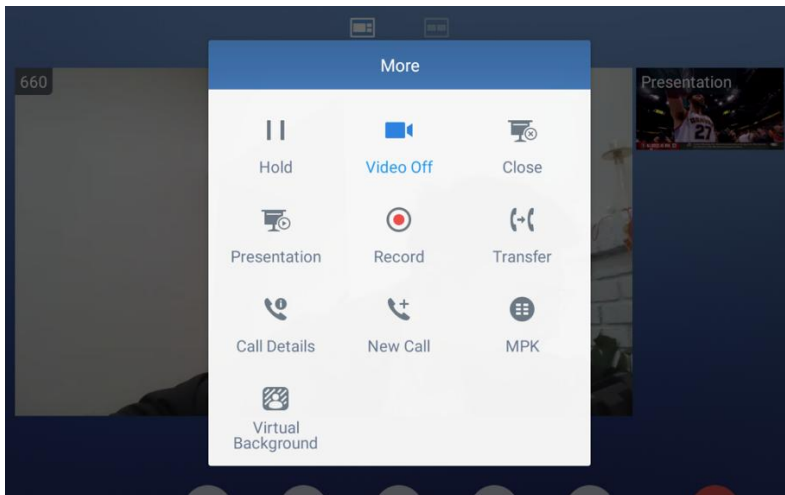
This feature allows the user to cast the presentation from a PC to the other side. After logging in the web UI as administrator, click on the web UI -> Share Screen on the top right, and select an interface from the tabs. Then the other side would display the PC interface in the video call.



User can also share screen without logging in web UI. On the web UI login page, click “Share Screen” and enter the code from GXV34xx LCD.

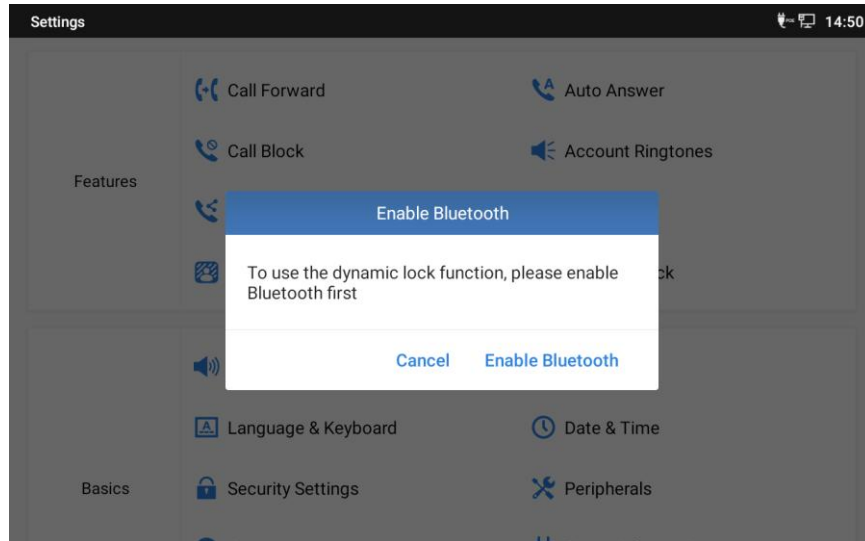


Click "Stop Sharing" on web UI top right or LCD -> More -> "Close" to stop screen sharing.

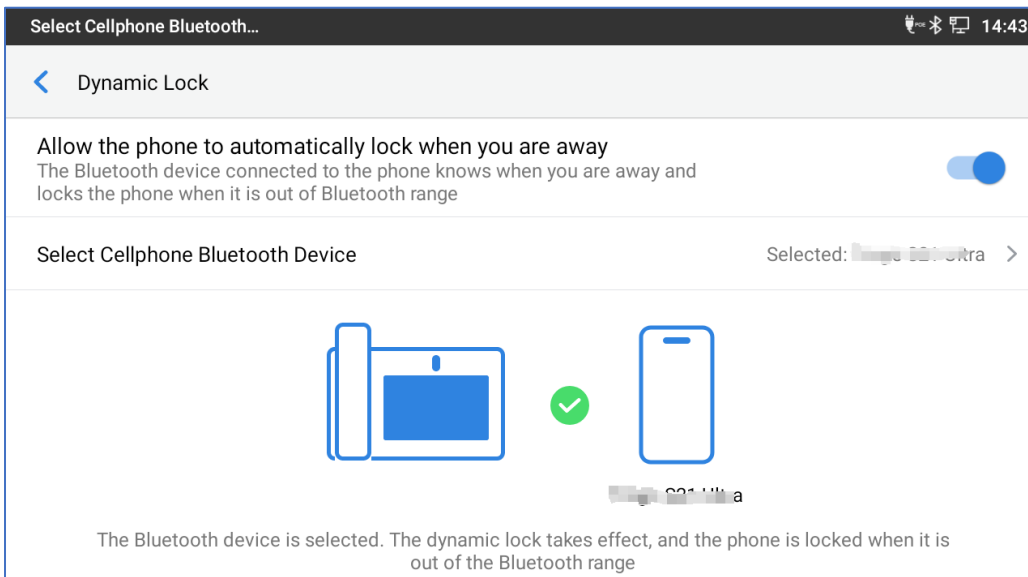
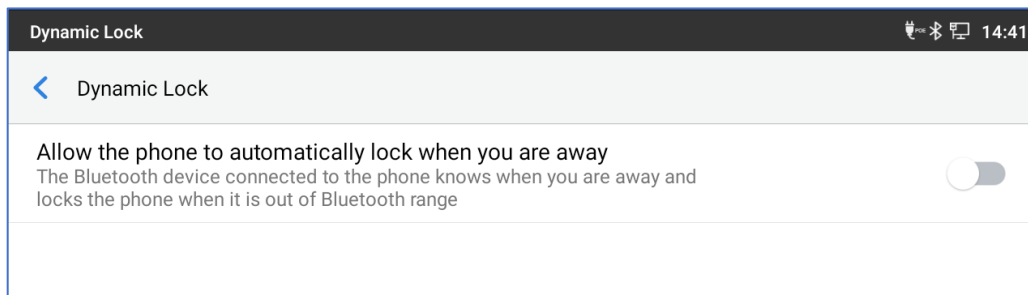


DYNAMIC LOCK

This feature allows the user to automatically lock the device when a device such as cellphone is out of the Bluetooth range. The feature is under LCD -> Settings -> Features -> Dynamic Lock. Bluetooth and screen lock need to be enabled.



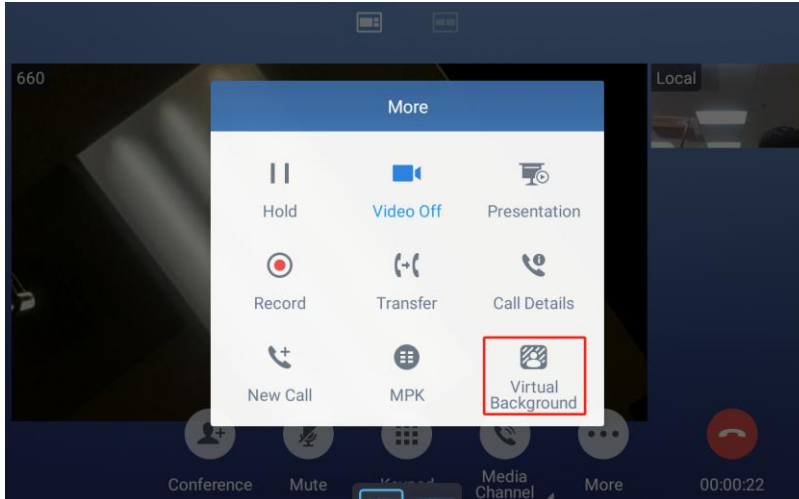
Then enable the dynamic lock settings and Bluetooth connect a device.



VIRTUAL BACKGROUND

This feature allows the user to configure the default virtual background for video calls. On LCD, the setting is under Setting app -> Features -> Virtual Background.

During a video call, the user can also click “More” -> Virtual Background to select one.

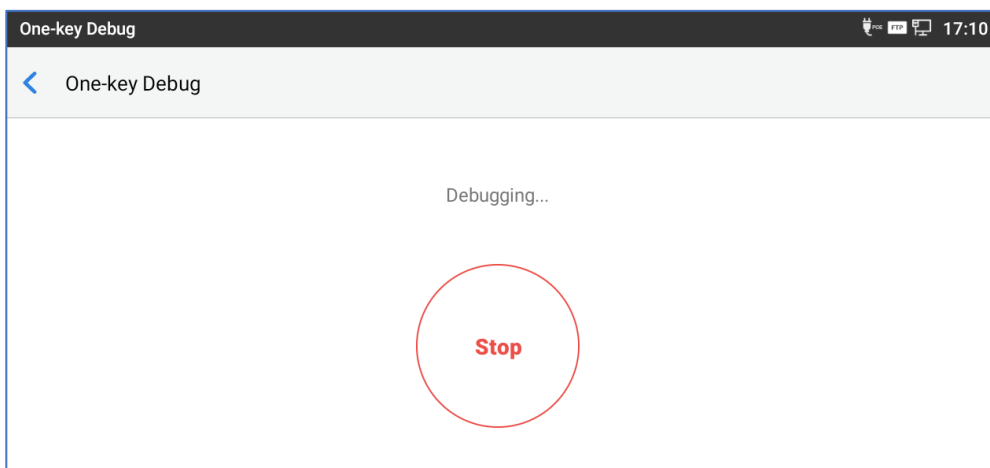
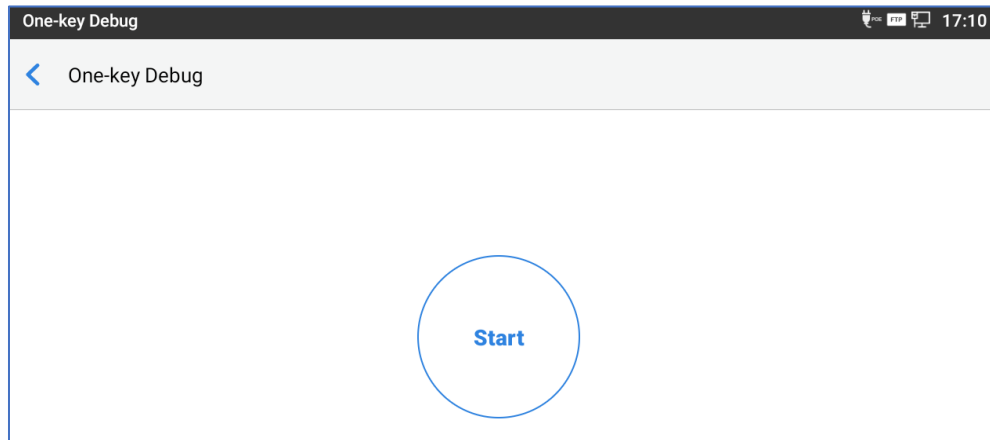


ONE-KEY DEBUGGING

This feature allows the user to gather information for troubleshooting from LCD. From LCD -> Settings -> Advanced -> System Maintenance -> One-key Debug. After inputting admin password, the debug will start automatically. The debug file can be found in File Manager -> All tab -> Internal Storage -> DebugInfo folder.

In Zoom Mode, the log can be downloaded from web UI -> Maintenance -> System Diagnostics -> Debug.

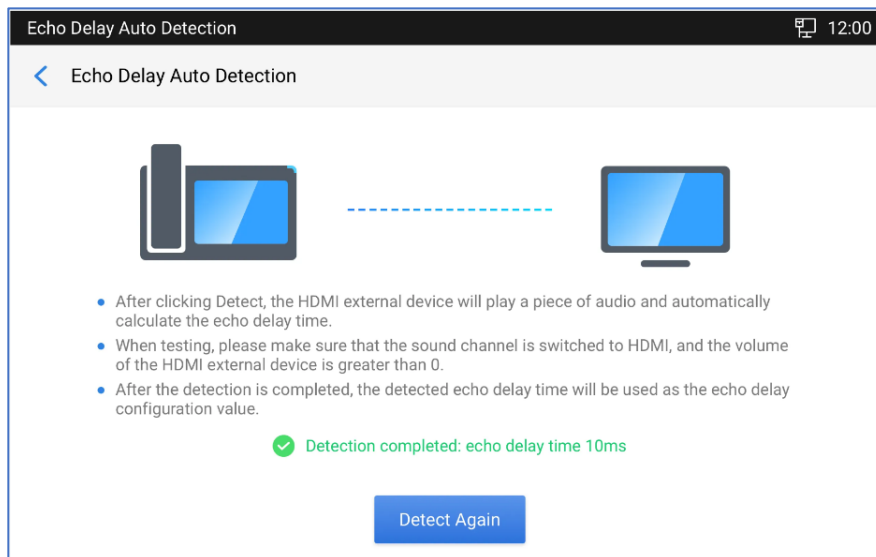
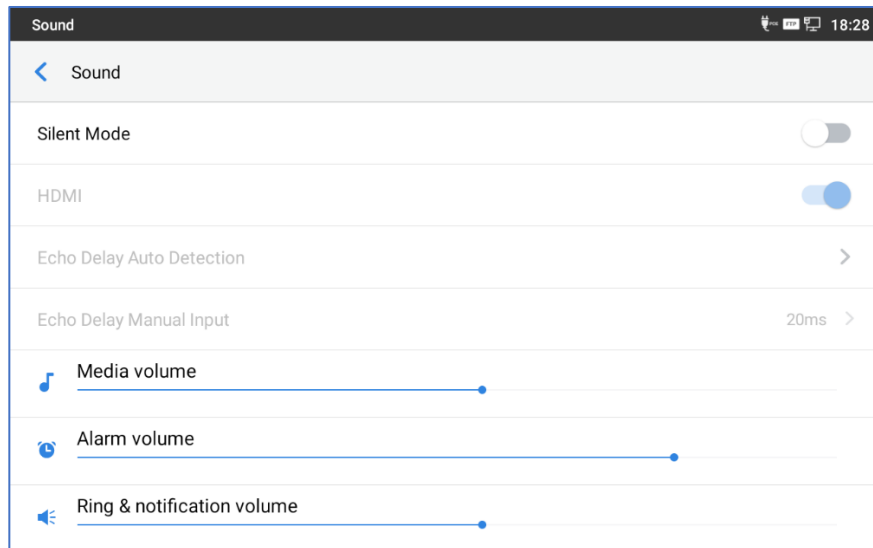




ECHO DELAY ADJUSTMENT

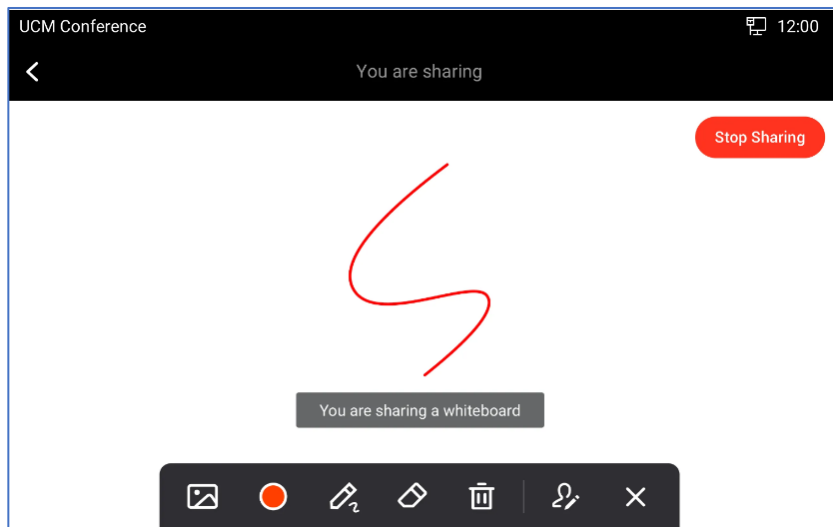
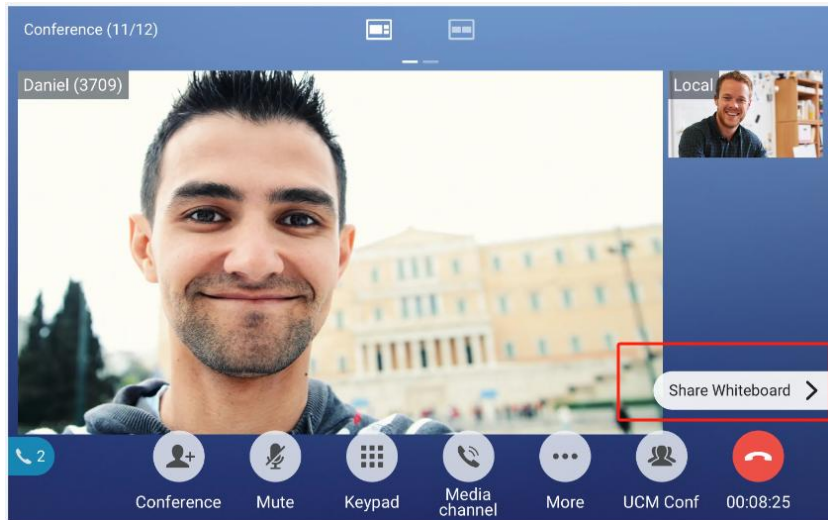
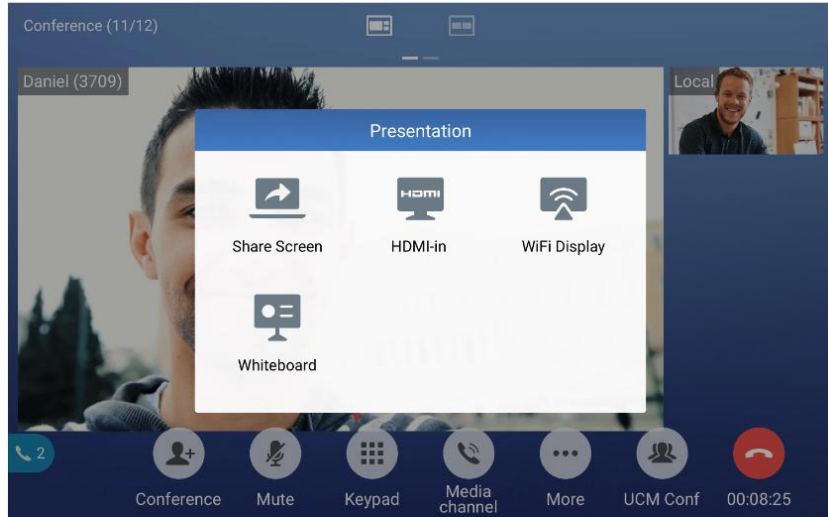
This feature allows users to adjust echo delay when the device is connected to a media output via HDMI cable. The settings is under LCD -> Settings app -> Sound. It will be enabled after HDMI OUT is connected. This feature can neutralize the echo generated by speaker and mic on difference devices.

When using “Manual Input”, the range is 20 – 190 ms. Auto Detection result would override the manual input.



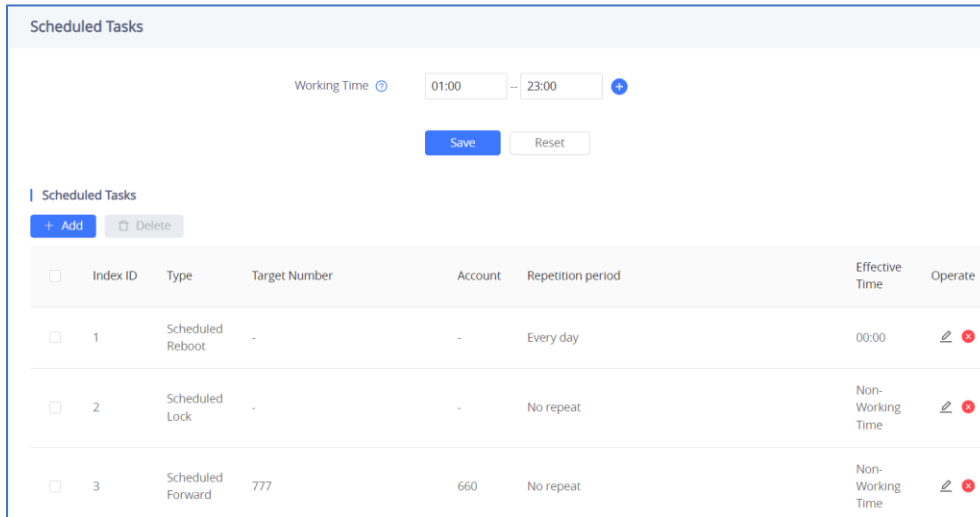
WHITEBOARD

This feature allows UCM user to collaborate with others using a whiteboard in a conference. Whiteboard feature is only supported in UCM conference calls. Sharing whiteboard feature is only supported on GXV3480. During the UCM conference, click “More” -> “Presentation” -> “Whiteboard” to send out the display request.



SCHEDULED TASKS

This feature allows the device to function differently for different time period such as inside or outside the work hours. The feature is under web UI -> Maintenance -> Schedule Tasks. The user can configure reboot, LCD lock or call forward for a period, either repeatedly or not.



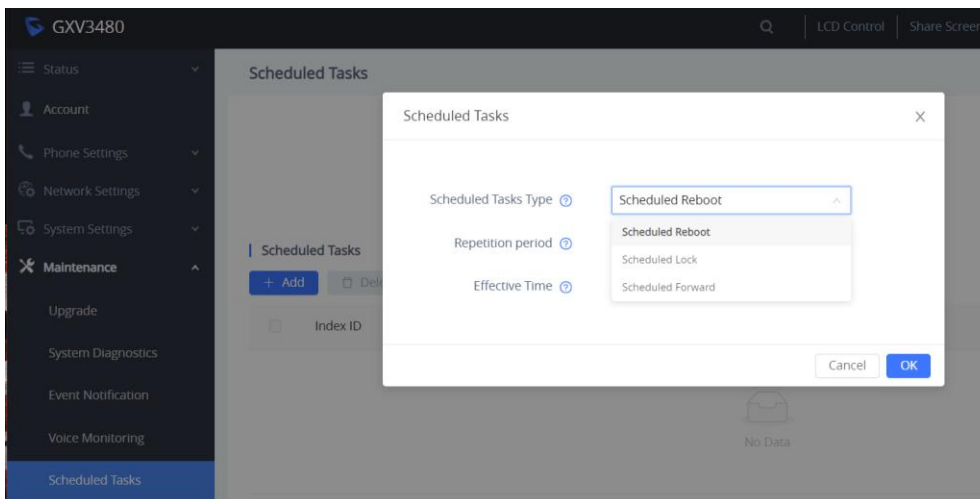
Working Time 01:00 -- 23:00

Save Reset

Scheduled Tasks

+ Add Delete

<input type="checkbox"/>	Index ID	Type	Target Number	Account	Repetition period	Effective Time	Operate
<input type="checkbox"/>	1	Scheduled Reboot	-	-	Every day	00:00	
<input type="checkbox"/>	2	Scheduled Lock	-	-	No repeat	Non-Working Time	
<input type="checkbox"/>	3	Scheduled Forward	777	660	No repeat	Non-Working Time	



GXV3480

Search LCD Control Share Screen

Status Account Phone Settings Network Settings System Settings Maintenance Upgrade System Diagnostics Event Notification Voice Monitoring Scheduled Tasks

Scheduled Tasks

Scheduled Tasks

+ Add Delete

Index ID

Scheduled Tasks

Scheduled Tasks Type Scheduled Reboot

Repetition period Scheduled Reboot

Effective Time Scheduled Lock

Scheduled Forward

Cancel OK

No Data

FIRMWARE VERSION 1.0.1.33

PRODUCT NAME

GXV3450, GXV3470, GXV3480

DATE

09/05/2023

FIRMWARE FILE INFORMATION

- GXV3450 firmware file name: gxv3450fw.bin
MD5: 9eea552862dc770e8d4ca0a996f63e64
- GXV3470 firmware file name: gxv3450fw.bin
MD5: 1fbc6b5f29e2c32915224e5959002f2a
- GXV3480 firmware file name: gxv3480fw.bin
MD5: b6393cf3d107d3858c959f01c5a1f026

CHANGES SINCE FIRMWARE VERSION 1.0.1.32

ENHANCEMENT

- Removed the default STUN server from web UI.

BUG FIX

- Fixed GXV3450 fails to display complete Send URL programmable key on web UI.
- Fixed GXV34xx does not display number and name in the Baudisch preview interface.
- Fixed Quickly Launch 3rd Party App cannot select an installed app.
- Fixed ringing from speaker does not work when the headset is connected.

FIRMWARE VERSION 1.0.1.32

PRODUCT NAME

GXV3450, GXV3470, GXV3480

DATE

08/03/2023

FIRMWARE FILE INFORMATION

- GXV3450 firmware file name: gxv3450fw.bin
MD5: 8ced0b0e19749a99447de5092f82a2e1
- GXV3470 firmware file name: gxv3450fw.bin
MD5: fa7f1f50083b9584355942724b70bdb6
- GXV3480 firmware file name: gxv3480fw.bin
MD5: 2d246b628464719cacb320d8f9372699

CHANGES SINCE FIRMWARE VERSION 1.0.1.29

ENHANCEMENT

- Supported GXV3450 pressing the transfer key can finish the call transfer.
- Supported up to 50 value-added services.
- Supported sorting LDAP result by number from web UI. [LDAP SORTING]

BUG FIX

- Fixed GXV3470 LCD flickering issue on boot up.
- Fixed GXV3450 fails to upgrade GBX20.
- Fixed device displays incorrect network information in SSH.
- Fixed device does not follow codec priority when receiving a call.
- Fixed device does not reset to default media channel after ending a Zoom call.
- Fixed device fails to adjust call volume from USB or Bluetooth headset in Zoom mode.
- Fixed some server connection issue in Zoom mode.

NEW FEATURES OVERVIEW

LDAP SORTING

The settings allows the user to sort the LDAP contact results by number. It is under web UI -> Applications -> LDAP Phonebook -> Sort Results. P-value is 8033, and default setting is "No".

FIRMWARE VERSION 1.0.1.29

PRODUCT NAME

GXV3450, GXV3470, GXV3480

DATE

06/25/2023

FIRMWARE FILE INFORMATION

- GXV3450 firmware file name: gxv3450fw.bin
MD5: 6065fc5d11f024c1051bfeb8145e6a80
- GXV3470 firmware file name: gxv3450fw.bin
MD5: 2b2322efb4a8c6439e37de52584e50f2
- GXV3480 firmware file name: gxv3480fw.bin
MD5: b895ee5a29d265f6806378d59f3ee1db

CHANGES SINCE FIRMWARE VERSION 1.0.1.21

ENHANCEMENT

- Updated some Zoom modules.
- Added security enhancements.
- Supported web API which is the same as GXV33xx API set.
- Supported new hardware version.
- Added support to remove the Settings button in the Taskbar via API [CONTROL SETTINGS BUTTON IN TASKBAR VIA API]
- Added option to enable/disable local camera [ENABLE/DISABLE LOCAL CAMERA]
- Improved text display during video calls.

BUG FIX

- Fixed device randomly plays notification sound in idle state.
- Fixed device GUI config file is not consistently applied when downloaded via different provision methods.
- Fixed Event Notification does not work when using HTTPS.
- Fixed Wi-Fi restriction issue when using presentation feature.
- Fixed device is not showing correct spacing in dialing screen for Contacts.
- Fixed cannot toggle off app's notifications.
- Fixed some registration keep-alive issue for the account.
- Fixed the starting and ending hour for automatic upgrade does not take effect after the provision

triggered by Metaswitch server.

- Fixed device fails to cancel call waiting when Feature Key Synchronization is on.
- Fixed some issue in Zoom mode, such as icon not displayed when a headset connected, LCD does not hide all settings, etc.

NEW FEATURES OVERVIEW

CONTROL SETTINGS BUTTON IN TASKBAR VIA API

To control whether to display settings button on device taskbar, users could use below API commands to hide/display it and get the display status.

- Send broadcast to hide settings button:

```
Intent intent = new  
Intent("com.android.systemui.settings_button.visibility");  
intent.putExtra("visibility", false);  
sendBroadcast(intent);
```

- Send broadcast to display settings button:

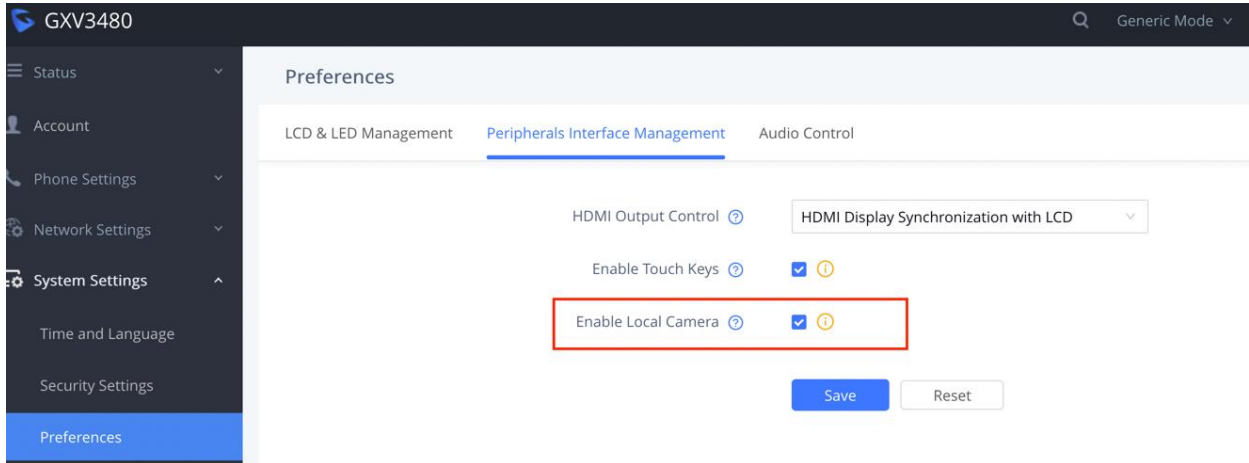
```
Intent intent = new  
Intent("com.android.systemui.settings_button.visibility");  
intent.putExtra("visibility", true);  
sendBroadcast(intent);
```

- Get hide status (1 – display; 0 – hide):

```
Settings.Global.getInt(getContentResolver(), "settings_button_visibility",  
0))
```

ENABLE/DISABLE LOCAL CAMERA

The new option “Enable Local Camera” is added under GXV34xx device web UI->System Settings->Preferences->Peripherals Interface Management page. When it's disabled, the camera cannot be turned on by any app for sending video. By default, it's enabled.



P value	Description	Value	Default Value
22236	Enable Local Camera	0 - No 1 - Yes	1

FIRMWARE VERSION 1.0.1.21

PRODUCT NAME

GXV3450, GXV3470, GXV3480

DATE

03/08/2023

FIRMWARE FILE INFORMATION

- GXV3450 firmware file name: gxv3450fw.bin
MD5: ab4c2f178c12bcdadf101354e6020718
- GXV3470 firmware file name: gxv3470fw.bin
MD5: 146d2a157f0f2183de2539573a0fad60
- GXV3480 firmware file name: gxv3480fw.bin
MD5: 245d1848006a686776e2a53163c784d4

CHANGES SINCE FIRMWARE VERSION 1.0.1.16

ENHANCEMENT

- Supported Zoom Mode. [ZOOM MODE]

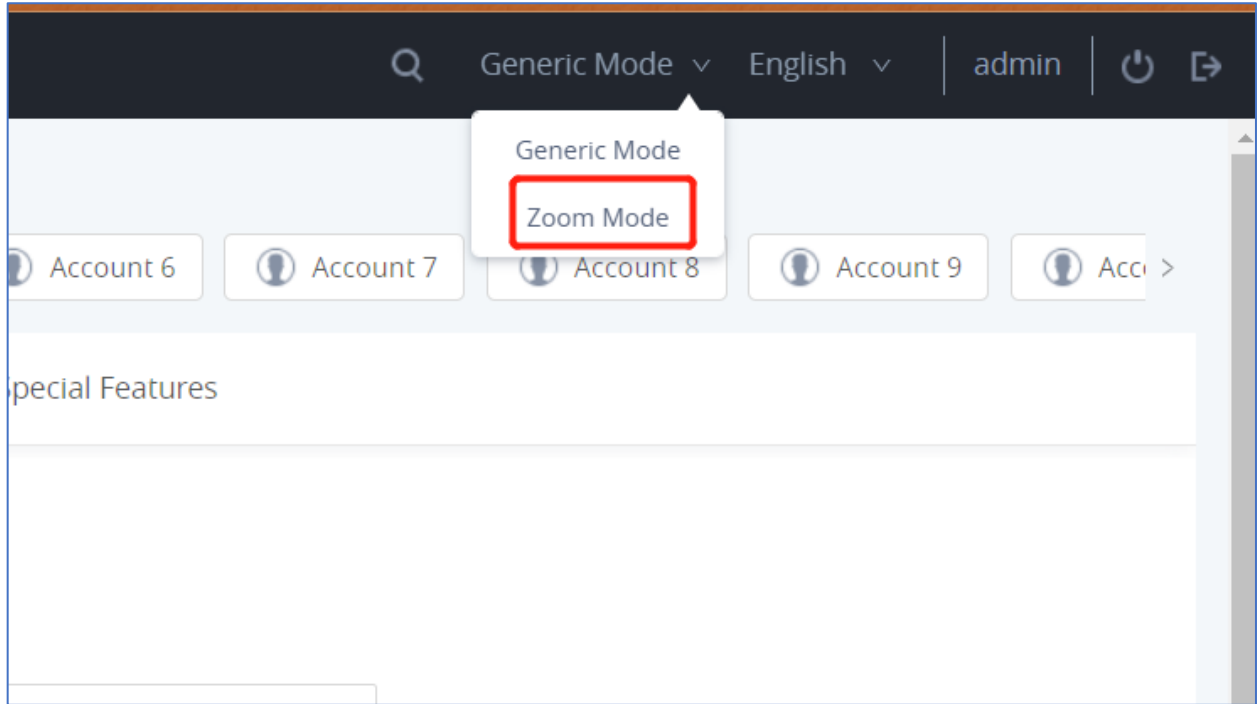
BUG FIX

- Fixed device media channel change from disconnecting HDMI cable to speaker does not take effect.
- Fixed device menu button display issue in a conference call after a rejection by an invitation.
- Fixed device crash issue when frequently answering a call.
- Fixed some web UI default settings issues after reset.
- Fixed device video call gets dropped automatically.
- Fixed device fails to retrieve Cust GUI file from GDMS cloud.

NEW FEATURES OVERVIEW

ZOOM MODE

The Zoom Mode is added to the web UI to integrate the device to Zoom app to the fullest. Switch to Zoom Mode from top right of web UI like below. The device will automatically start Zoom app. When enabled, only Zoom app runs on the phone.



FIRMWARE VERSION 1.0.1.16

PRODUCT NAME

GXV3450, GXV3470, GXV3480

DATE

12/22/2022

FIRMWARE FILE INFORMATION

- GXV3450 firmware file name: g xv3450fw.bin
MD5: c46f0e8d8a4305c3caec3e2167949811
- GXV3470 firmware file name: g xv3470fw.bin
MD5: 9741e73e4537e773db7b549586f04ba1
- GXV3480 firmware file name: g xv3480fw.bin
MD5: 245d1848006a686776e2a53163c784d4

CHANGES SINCE FIRMWARE VERSION 1.0.1.9

ENHANCEMENT

- Updated settings layout in web UI account settings.
- Added Save & Apply button for account settings.

BUG FIX

- Fixed device fails to send RFC2833 DTMF to all conference members.
- Fixed device displays incorrect information after being transferred by a contact.
- Fixed device displays incorrect information when adding LDAP contacts to a conference.
- Fixed device fails to retrieve custom GUI files uploaded to GDMS cloud.
- Fixed Contact app crash issue when selecting “Edit before Calling”.
- Fixed missed call prompt does not disappear on clicking when there are multiple missed calls.
- Fixed device requests audio stream from RTSP link under Baudisch mode.
- Fixed some streaming issue for multicasting.
- Fixed some issue in Peripherals settings.
- Fixed device fails to detect USB after disabling PoE power restriction.
- Fixed Presentation app audio playing issue.
- Fixed device automatically ends the call when recording file size exceeds the limit.
- Fixed device does not send INVITE when attempt to retrieve a private-held call.
- Fixed device Backup app issues
- Fixed LCD display issue when RJ9 headset is connected.