GVC3220 Firmware Release Notes

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FIRMWARE VERSION 1.0.1.37

PRODUCT NAME

GVC3220

DATE

06/16/2022

FIRMWARE FILE INFORMATION

- GVC3220 firmware file name: gvc3220fw.bin

  MD5: 981a592afa8672f3a9fd0c052fb95d85

ENHANCEMENT

- Added ability to use zoom/PTZ functions with the camera in GVC3220 when using the WebEx application.
- Added ability to use zoom/PTZ functions with the camera in GVC3220 when using the Teams application and ZOOM application.

BUG FIX

- Fixed users cannot see the GVC video in the UCM meeting room after being invited to the UCM meeting room.
- Fixed the “Share Screen” button does not work if users enable this option through the Web UI of the GVC3220 with Chrome/Edge/Firefox browsers.

FIRMWARE VERSION 1.0.1.35

PRODUCT NAME

GVC3220

DATE

12/27/21

FIRMWARE FILE INFORMATION

- GVC3220 firmware file name: gvc3220fw.bin

  MD5: 6576a41a32d6961b87e2bf349186faa7

ENHANCEMENT

- Added IPVT FECC function [IPVT FECC]
- Added IPVT Layout function [IPVT LAYOUT]
- Added TR-069 support [TR069]
- Added USB pairing of GMD [GMD USB PAIRING]
- Added Pick up distance setting for GMD [PICK UP DISTANCE]
- Added Screen sharing when web is not logged in [SCREEN SHARE WITHOUT LOGIN]
- Added Camera mirror [CAMERA MIRROR]
- Added GMD acoustic echo cancellation feature [GMD AEC FEATURE]
- Added ability to use camera zoom and PTZ when using Teams or Zoom application [ZOOM/PTZ FOR TEAMS OR ZOOM]
- Added new meeting schedule interface on web UI
- Added IPVT Image Size and Video Bit Rate [IPVT IMAGE SIZE VIDEO BIT RATE]
- Added Wi-Fi Country Code [WIFI COUNTRY CODE]
- Added LDAP Search Field Filter [SEARCH FIELD FILTER]
- Added HTTP/HTTPS SDK API

BUG FIX

- Fixed H.323 account select issue in call page
- Fixed Second USB device is displayed as "US2" instead of "USB2"
- Fixed After the GVC device restarts and reconnects to the GMD, there is a probability that the GMD icon will not be displayed on the panel
- Fixed Crash occurs when the device is connected to GMD wireless
- Fixed During the zoom meeting, the GVC hold the call and cannot hear the MOH sound. Cancel the hold and the other party will suddenly ring the MOH audio sound
- Fixed Crash occurs if the device frequently establishes calls and starts presentations

- Fixed Cannot perform IP call when account is not registered
- Fixed App crashing when sharing GVC-3220 camera
- Fixed Google Chat app cannot select and send image files
- Fixed The call is silent after the GVC3220 is unhold
- Fixed Echo on remote side when using Zoom
- Fixed Unable to download the contact through HTTPS
- Fixed The device cannot access the audio setting interface
- Fixed GVC wake from sleep, and there is probability of GMD wireless show as not connected
- Fixed Unpair the GMD and disconnect another one. It takes a long time to disconnect.
- Fixed GVC is connected to two GMDs, and audio crash occurs during frequent calls.
- Fixed GVC terminal shows that the GMD is not connected but the GMD indicator is always on
- Fixed Share screen generate core dump
- Fixed After connecting two GMDs and restarting the device, the audio output device is displayed as none
- Fixed GMD is automatically muted during a long video conference
- Fixed GMD connection was successful, but the sound channel was not switched
- Fixed GMD is not synchronized to the call state (the mute button does not light) after wireless connection
- Fixed During a SIP call, the local or peer hold/unhold the call, and then member joining notification appears in the upper left corner
- Fixed Screen sharing display black screen in IPv6 environment
- Fixed Participants in the IPVT meeting will affect the display of the demonstration screen
- Fixed Airplay does not support sound transmission
- Fixed In the IPVT & SIP hybrid conference, GVC leaves the IPVT conference, and the SIP conference will be ended
- Fixed In Chinese language mode, GMD instructions are displayed in a mixture of Chinese and English
- Fixed There is obvious noise when no one speaks in a Bluetooth call
- Fixed Presentation layout UI in wrong format
- Fixed During audio FEC call, probability of audio issue after hold/unhold.
- Fixed Calling a dynamic contact that contains * will show prompt that the account does not exist
- Fixed The default path to upgrade the GMD Bluetooth version prompts file error
- Fixed After holding/unholding multiple times during recording, it will prompt whether to continue recording each time
- Fixed Chance to prompt "detection failed, low sound" during AEC verification
- Fixed GVC call add members: Cannot call contacts in call log by pressing dial key
- Fixed Insert HDMI-In during screen saver, the presentation source selection box is not displayed
- Fixed After connecting to the GMD, disconnect one of them, and then connect again and prompt "connection limit"

- Fixed When Connected GMD via Bluetooth, the ringback tone does not change after adjusting the volume
- Fixed After the GMD is disconnected from the GVC terminal, it will not be reconnected automatically after the GMD is reboot
- Fixed Audio issue when hold/unhold multiple times during mix conference
- Fixed Switch the system time format and the start time of the meeting list and details are not synchronized
- Fixed The ringtone volume will be automatically adjusted to 11 during a call
- Fixed The voice audio is bad when using non A2DP Bluetooth headset to establish a call
- Fixed GMD manually set channel group to reconnect. Connects to new device but does not reconnect first paired GMD
- Fixed If SIP account is not registered, the web scheduled meeting will not be stored in device database
- Fixed Zoom presentation from mobile participant is not displayed in original ratio
- Fixed Google Meet app does not share video in use
- Fixed System UI keeps stopping error message randomly pops up on display
- Fixed Google Hangouts App has abnormal prompt display
- Fixed GVC does not open camera in Google Hangouts
- Fixed Copy folder containing files to another directory result in abnormal behavior
- Fixed The virtual keyboard called from the Contacts interface will not be hidden after entering screen saver
- Fixed Set timeout operation to shutdown and then after going to sleep, clicking any key on remote cannot wake device.
- Fixed When search external storage folder in file manager and then open it, there will be file directory issue
- Fixed The selection box should remain in the location of the deleted file after the file manager deletes the file
- Fixed When there is a combination of SIP and IPVT calls, calling with H323 account have probability to fail
- Fixed The local screen freezes after skype capture
- Fixed Set automatic backup and automatic backup does not take effect
- Fixed Cannot call out when the sip registration is set to "No" and registered to the standby / third SIP server
- Fixed Some parameters are missing in the template, and the device needs to be adjusted locally
- Fixed Rename a file in the download directory will cause a crash

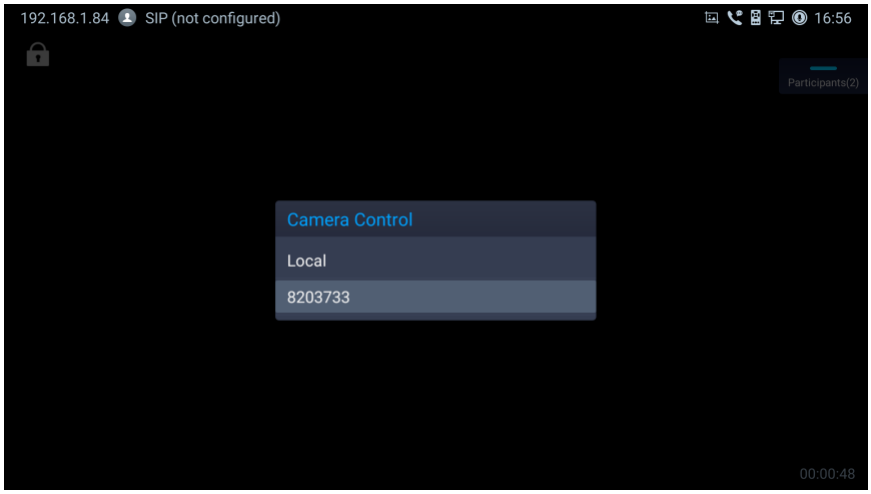
NEW FEATURES OVERVIEW

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

IPVT FECC

- **Web Configuration**

  This option can be found on the calling screen under Menu→Camera after establishing or joining an IPVT meeting.



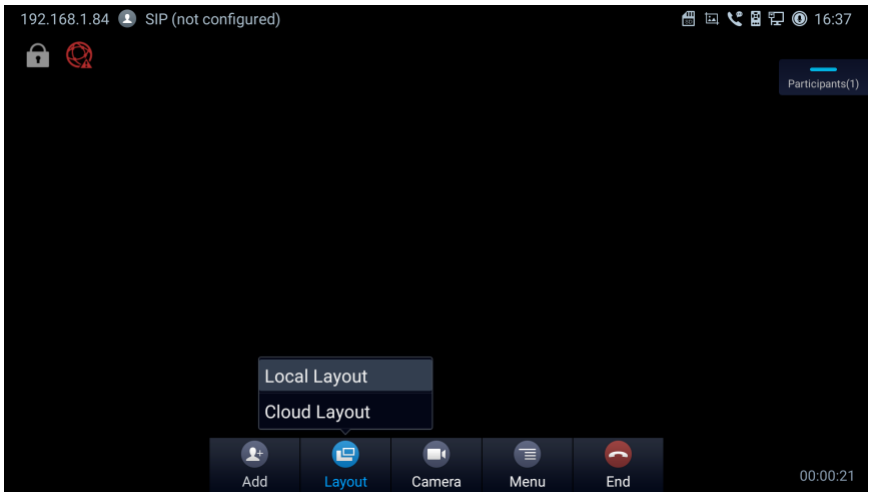
- **Functionality**

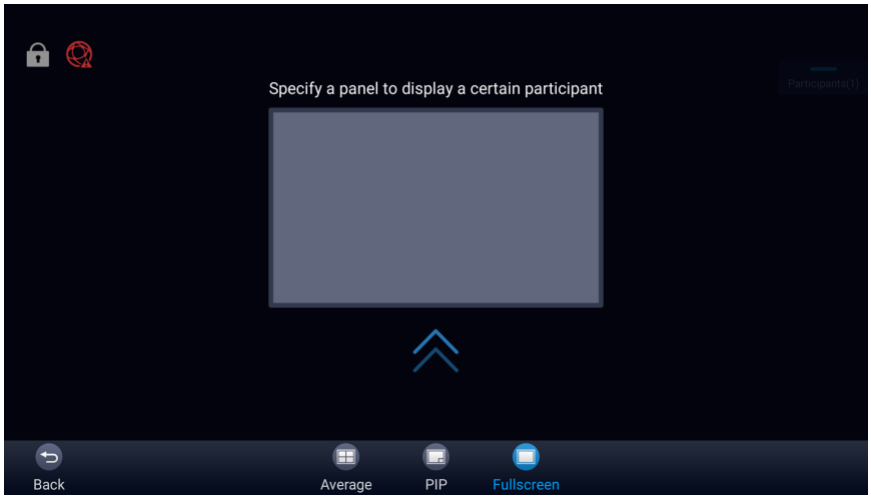
  This feature is used to control the remote GVC32xx camera functions such as pan, tilt and zoom.

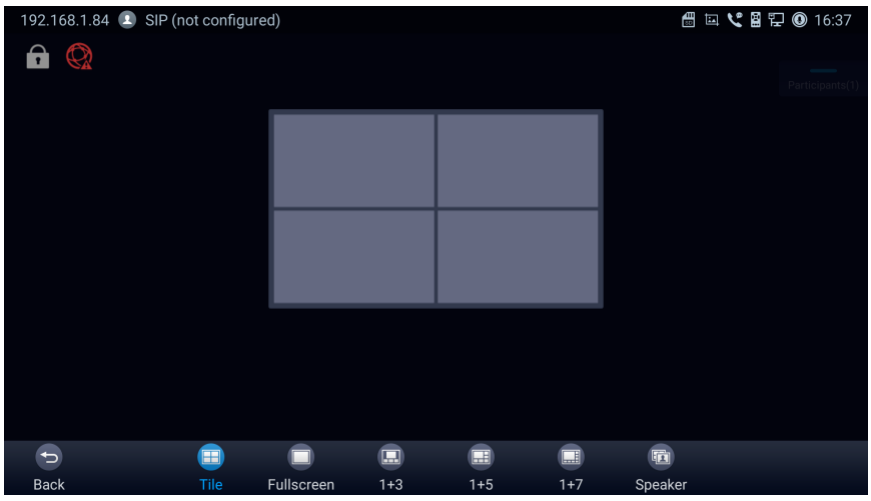
IPVT LAYOUT

- **Web Configuration**

This option can be found on the calling screen under Menu→Layout after establishing or joining an IPVT meeting.







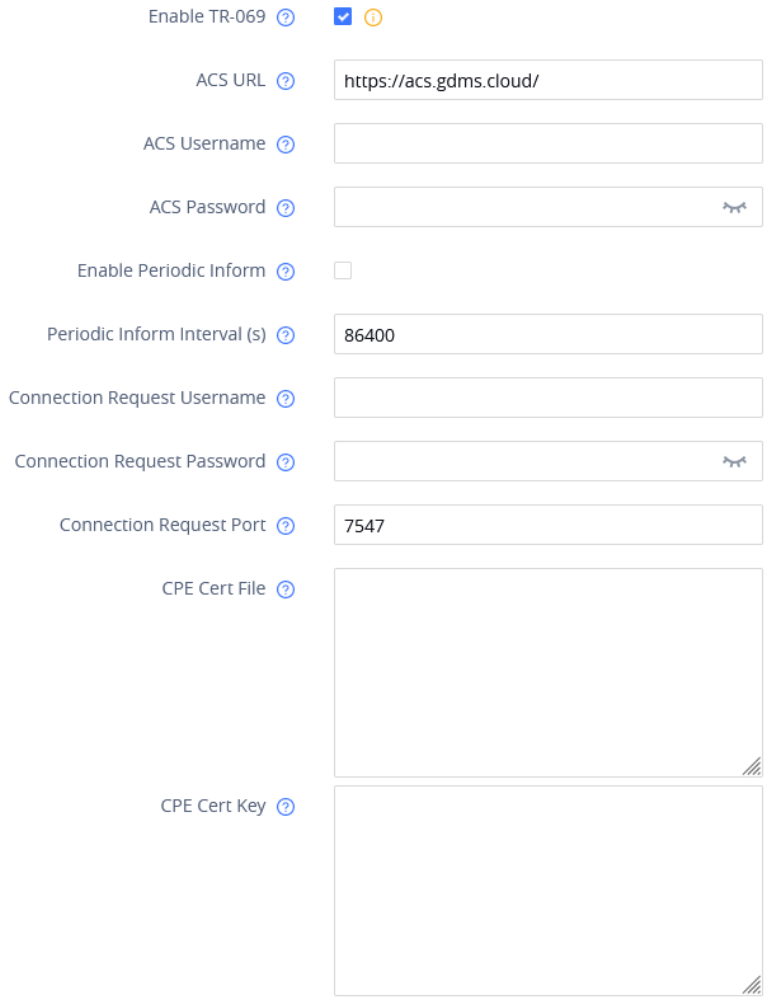
- **Functionality**

  This feature is used to configure the layout of the video display during IPVT meeting.

TR069

- **Web Configuration**

  This option can be found on the web UI under System Settings→TR-069.



- **Functionality**

  This feature allows GVC3220 to configure the TR-069 feature for using with TR-069 ACS servers.

- **New P-value**

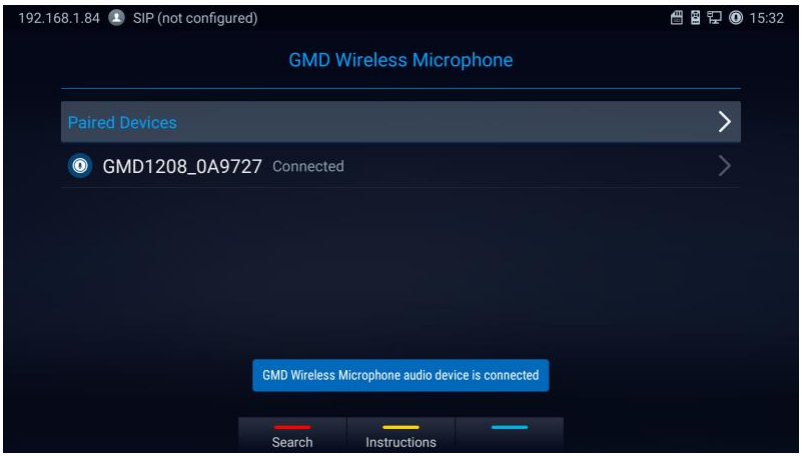
P-value (alias value)	Description	Value range	Default
P1409 tr069.enable	Enable TR-069	0 – No 1 – Yes	1
P4503	ACS URL	String	N/A

tr069.url			
P4504 tr069.username	ACS Username	String	N/A
P4505 tr069.password	ACS Password	String	N/A
P4506 tr069.periodicInform	Enable Periodic Inform	0 – No 1 – Yes	0
P4507 tr069.periodicInformInterval	Periodic Inform Interval (s)	1 – 4294967295	86400
P4511 tr069.connectionRequestUsername	Connection Request Username	String	N/A
P4512 tr069.connectionRequestPassword	Connection Request Password	String	N/A
P4518 tr069.connectionRequestPort	Connection Request Port	String	N/A
P8220 tr069.ssl.certificate	CPE Cert File	String	N/A
P8221 tr069.ssl.privateKey	CPE Cert Key	String	N/A

GMD USB PAIRING

- **Web Configuration**

  This option can be found on the GVC3220 screen under Phone Settings→Basic→GMD Wireless Microphone.



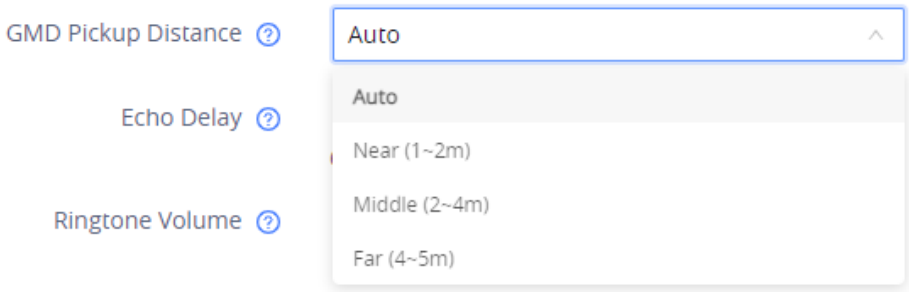
- **Functionality**

After entering the GMD Wireless Microphone menu, the GMD1208 in wireless mode can automatically pair with GVC3220 when connected via USB.

PICK UP DISTANCE

- **Web Configuration**

  This option can be found on the web UI under Call Features→Audio Control.



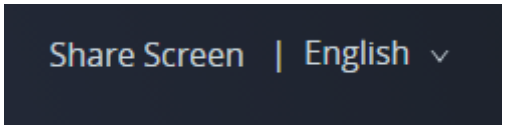
- **Functionality**

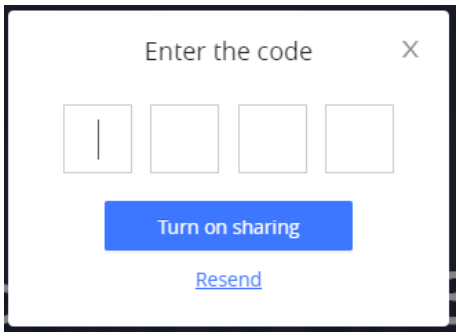
  This feature allows GVC3220 to configure the pickup distance of the GMD1208 to calibrate its microphone sensitivity. After configuring this feature, please perform the audio calibration on the GVC3220.

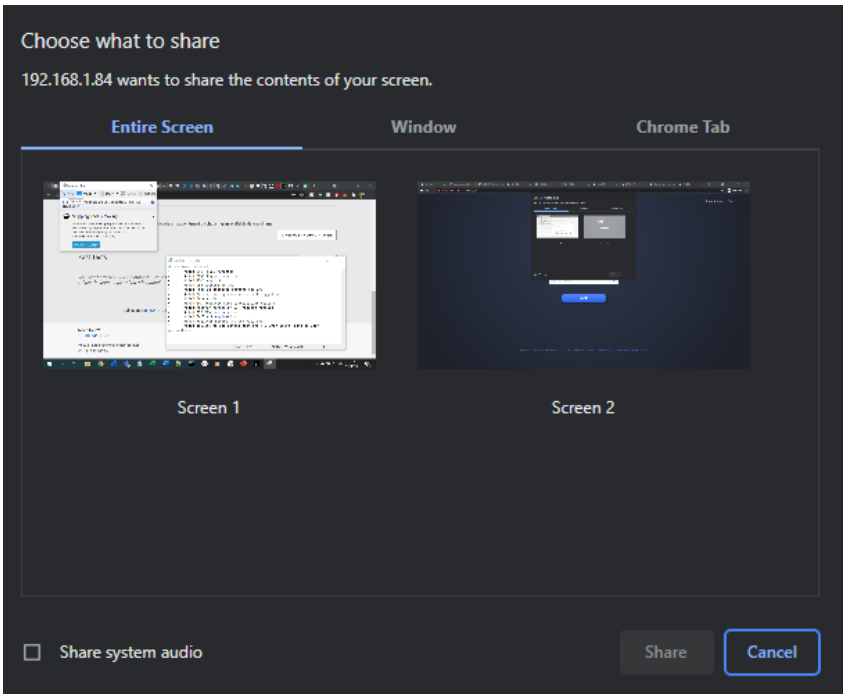
SCREEN SHARE WITHOUT LOGIN

- **Web Configuration**

  This option can be found on the web UI login page.







- **Functionality**

  This feature allows GVC3220 to wirelessly share the presenter's screen without logging in to the web UI.

CAMERA MIRROR

- **Web Configuration**

  This option can be found on the web UI under System Settings→Peripheral→Camera.

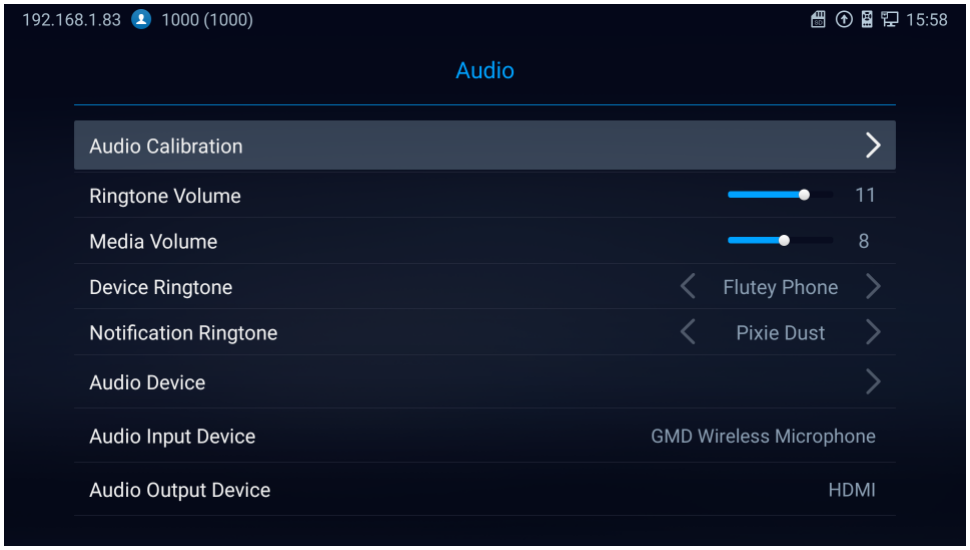
- **Functionality**

  This feature when enabled allows GVC3220 to mirror (reverse) the local camera image.

GMD AEC FEATURE

- **Web Configuration**

  This option can be found on the GVC3220 screen under Settings→Basic→Audio→Audio Calibration.



- **Functionality**

  This feature allows GVC3220 to perform audio calibration of GMD for the acoustic echo cancellation feature.

ZOOM/PTZ FOR TEAMS OR ZOOM

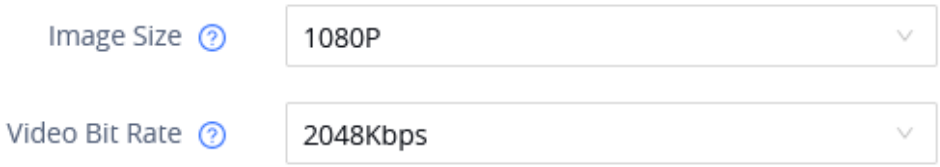
- **Functionality**

  This feature allows the GVC3220 to make pan tilt zoom adjustments to the local camera when using Microsoft Teams or Zoom app.

IPVT IMAGE SIZE VIDEO BIT RATE

- **Web Configuration**

  This option can be found on the web UI under Account→IPVideoTalk→Codec Settings.



- **Functionality**

  This feature is used to configure the image size and video bit rate for IPVideoTalk calls.

- **New P-value**

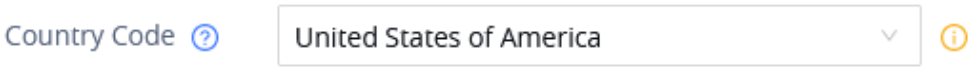
P-value (alias value)	Description	Value range	Default
P25101	Image Size	10 – 1080P	10

account.ipvt.video.h264.imagesize		9 – 720P 4 – 4CIF 7 – 4SIF 1 – VGA	
P25103 account.ipvt.video.bitRate	Video Bit Rate	1024 – 1024 Kbps 1280 – 1280 Kbps 1536 – 1536 Kbps 1792 – 1792 Kbps 2048 – 2048 Kbps 2560 – 2560 Kbps 3072 – 3072 Kbps 3584 – 3584 Kbps 4096 – 4096 Kbps	2048

WIFI COUNTRY CODE

- **Web Configuration**

  This option can be found on the web UI under Network Settings→Wi-Fi Settings→Advanced Settings.



- **Functionality**

  This feature is used to configure the country code for the Wi-Fi.

- **New P-value**

P-value (alias value)	Description	Value range	Default
P7831 wifi.countrycode	Country Code	Use ISO 3166-1 alpha-2 code for country value. For example, United States of America - US	US

SEARCH FIELD FILTER

- **Web Configuration**

  This option can be found on the web UI under App→LDAP Contacts.

- **Functionality**

  This feature is used to configures the filter used for the LDAP search function.

- **New P-value**

P-value (alias value)	Description	Value range	Default
P27806	Search Field Filter	0 – All Filter 1 – Name Filter 2 – Number Filter 3 – Mail Filter	0

FIRMWARE VERSION 1.0.1.27

PRODUCT NAME

GVC3220

DATE

07/09/2021

FIRMWARE FILE INFORMATION

- GVC3220 firmware file name: gvc3220fw.bin

  MD5: e419806ec8267a209d3d0d8b6a5edcfa

ENHANCEMENT

- Added camera PTZ/zoom functionalities in 3rd party apps such as Microsoft Teams and Zoom.
- Improved device performance of 3rd party meetings such as system stability and echo issues.

FIRMWARE VERSION 1.0.1.24

PRODUCT NAME

GVC3220

DATE

04/08/2021

FIRMWARE FILE INFORMATION

- GVC3220 firmware file name: gvc3220fw.bin

  MD5: c3407fe5c88f840567186a4067130214

  This is the initial version for GVC3220.