

# IPVT10 Firmware Release Notes

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## FIRMWARE VERSION 1.0.6.13

### PRODUCT NAME

IPVT10

### DATE

03/18/2022

### FIRMWARE FILE INFORMATION

Firmware file name: IPVT10fw\_1.0.6.13.bin

MD5: 92403c2e0fec533f353ee0df60387597

### SUMMARY OF UPDATE

The main purpose of this release is feature enhancement.

### SERVER:

Name	Version	Comments
IPVTSIPServer	1.0.17.26	
MCU	1.0.9.22	
WebServer	1.0.11.1	

### CLIENT:

Name	Version	Comments
WebRTC Client	1.0.14.9	
GVC320X	1.0.3.69+, 1.0.3.69 suggested	IPVT APK 1.0.0.37+
GVC3210	1.0.1.29+, 1.0.1.59 suggested	IPVT APK 1.0.0.37+
GVC32XX IPVT APK	1.0.0.37+, 1.0.0.47 suggested	
GVC32XX Errata	1.0.0.39+, 1.0.0.39 suggested	System Prompt UI Errata
GXV3275	1.0.3.193+	
IPVT Android	1.0.1.24+, 1.0.1.43 suggested	Google Play Store
IPVT iOS	1.0.21+, 1.0.24 suggested	Apple Store (iTunes)
IPVT Outlook Calendar Plugin	1.0.0.2+, 1.0.0.2 suggested	
IPVT Google Calendar/Chrome Plugin	1.0.0.4, 1.0.0.4 suggested	

## **SYSTEM SUPPORTED:**

### **Browsers:**

- ✓ *IE 11, Firefox 52+, Chrome 52+, Microsoft Edge 40.15063+, Safari 11+, Opera 39+*

### **Operating System:**

- ✓ MacOS (OS X) 10+
- ✓ Win 10+
- ✓ Android 4.1+
- ✓ iOS 9.0+

## **ENHANCEMENT**

- Add support for TLS version 1.2 in SMTP
- Remove email limitation for deploy page

## **KNOWN ISSUES**

When the PC install ESET antivirus software, Chrome/Opera cannot join the meeting and will report ERR\_SSL\_SERVER\_CERT\_BAD\_FORMAT error. Disable ESET not helping, only uninstall works.

## FIRMWARE VERSION 1.0.6.10

### PRODUCT NAME

IPVT10

### DATE

03/31/2021

### FIRMWARE FILE INFORMATION

Firmware file name: IPVT10fw\_1.0.6.10.bin

MD5: 0cb1ba38fc55cfb4721c5dffbce485e8

### SUMMARY OF UPDATE

The main purpose of this release is feature enhancement.

### SERVER:

Name	Version	Comments
IPVTSIPServer	1.0.17.26	
MCU	1.0.9.22	
WebServer	1.0.10.11	

### CLIENT:

Name	Version	Comments
WebRTC Client	1.0.14.9	
GVC320X	1.0.3.69+, 1.0.3.69 suggested	IPVT APK 1.0.0.37+
GVC3210	1.0.1.29+, 1.0.1.59 suggested	IPVT APK 1.0.0.37+
GVC32XX IPVT APK	1.0.0.37+, 1.0.0.47 suggested	
GVC32XX Errata	1.0.0.39+, 1.0.0.39 suggested	System Prompt UI Errata
GXV3275	1.0.3.193+	
IPVT Android	<a href="#">1.0.1.24+</a> , <a href="#">1.0.1.43 suggested</a>	Google Play Store
IPVT iOS	<a href="#">1.0.21+</a> , <a href="#">1.0.24 suggested</a>	Apple Store (iTunes)
IPVT Outlook Calendar Plugin	<a href="#">1.0.0.2+</a> , <a href="#">1.0.0.2 suggested</a>	
IPVT Google Calendar/Chrome Plugin	<a href="#">1.0.0.4</a> , <a href="#">1.0.0.4 suggested</a>	



## **SYSTEM SUPPORTED:**

### **Browsers:**

- ✓ *IE 11, Firefox 52+, Chrome 52+, Microsoft Edge 40.15063+, Safari 11+, Opera 39+*

### **Operating System:**

- ✓ MacOS (OS X) 10+
- ✓ Win 10+
- ✓ Android 4.1+
- ✓ iOS 9.0+

## **ENHANCEMENT**

- Remove VP8 Codec
- Opera: Support H.264 Codec

## **KNOWN ISSUES**

When the PC install ESET antivirus software, Chrome/Opera cannot join the meeting and will report ERR\_SSL\_SERVER\_CERT\_BAD\_FORMAT error. Disable ESET not helping, only uninstall works.

## FIRMWARE VERSION 1.0.6.9

### PRODUCT NAME

IPVT10

### DATE

01/11/2021

### FIRMWARE FILE INFORMATION

Firmware file name: IPVT10fw\_1.0.6.9.bin

MD5: 7ef3c8ae4c5eec3526be085f96c35c22

### SUMMARY OF UPDATE

The main purpose of this release is feature enhancement

### SERVER:

Name	Version	Comments
IPVTSIPServer	1.0.17.26	
MCU	1.0.9.22	
WebServer	1.0.10.11	

### CLIENT:

Name	Version	Comments
WebRTC Client	1.0.14.8	
GVC320X	1.0.3.69+, 1.0.3.69 suggested	IPVT APK 1.0.0.37+
GVC3210	1.0.1.29+, 1.0.1.59 suggested	IPVT APK 1.0.0.37+
GVC32XX IPVT APK	1.0.0.37+, 1.0.0.47 suggested	
GVC32XX Errata	1.0.0.39+, 1.0.0.39 suggested	System Prompt UI Errata
GXV3275	1.0.3.193+	
IPVT Android	<a href="#">1.0.1.24+</a> , <a href="#">1.0.1.43 suggested</a>	Google Play Store
IPVT iOS	<a href="#">1.0.21+</a> , <a href="#">1.0.24 suggested</a>	Apple Store (iTunes)
IPVT Outlook Calendar Plugin	<a href="#">1.0.0.2+</a> , <a href="#">1.0.0.2 suggested</a>	
IPVT Google Calendar/Chrome Plugin	<a href="#">1.0.0.4</a> , <a href="#">1.0.0.4 suggested</a>	

## SYSTEM SUPPORTED:

### **Browsers:**

- ✓ *IE 11, Firefox 52+, Chrome 52+, Microsoft Edge 40.15063+, Safari 11+, Opera 39+*

### **Operating System:**

- ✓ MacOS (OS X) 10+
- ✓ Win 10+
- ✓ Android 4.1+
- ✓ iOS 9.0+

## ENHANCEMENT

- Support live to Facebook / YouTube

## KNOWN ISSUES

- When the PC install ESET antivirus software, Chrome/Opera cannot join the meeting and will report ERR\_SSL\_SERVER\_CERT\_BAD\_FORMAT error. Disable ESET not helping, only uninstall works.

## FIRMWARE VERSION 1.0.6.8

### PRODUCT NAME

IPVT10

### DATE

09/30/2020

### FIRMWARE FILE INFORMATION

Firmware file name: IPVT10fw\_1.0.6.8.bin

MD5: 104f10310cd0e15ec42540c4070da895

### SUMMARY OF UPDATE

The main purpose of this release is feature enhancement

### SERVER:

Name	Version	Comments
IPVTSIPServer	1.0.17.26	
MCU	1.0.9.22	
WebServer	1.0.10.11	

### CLIENT:

Name	Version	Comments
WebRTC Client	1.0.14.7	
GVC320X	1.0.3.69+, 1.0.3.69 suggested	IPVT APK 1.0.0.37+
GVC3210	1.0.1.29+, 1.0.1.59 suggested	IPVT APK 1.0.0.37+
GVC32XX IPVT APK	1.0.0.37+, 1.0.0.47 suggested	
GVC32XX Errata	1.0.0.39+, 1.0.0.39 suggested	System Prompt UI Errata
GXV3275	1.0.3.193+	
IPVT Android	<a href="#">1.0.1.24+</a> , <a href="#">1.0.1.43 suggested</a>	Google Play Store
IPVT iOS	<a href="#">1.0.21+</a> , <a href="#">1.0.24 suggested</a>	Apple Store (iTunes)
IPVT Outlook Calendar Plugin	<a href="#">1.0.0.2+</a> , <a href="#">1.0.0.2 suggested</a>	
IPVT Google Calendar/Chrome Plugin	<a href="#">1.0.0.4</a> , <a href="#">1.0.0.4 suggested</a>	

## **SYSTEM SUPPORTED:**

### **Browsers:**

- ✓ *IE 11, Firefox 52+, Chrome 52+, Microsoft Edge 40.15063+, Safari 11+, Opera 39+*

### **Operating System:**

- ✓ MacOS (OS X) 10+
- ✓ Win 10+
- ✓ Android 4.1+
- ✓ iOS 9.0+

## **ENHANCEMENT**

- Support new option: “Force to Use MCU Mode”
- Support new option: “Force to Send 1080p Video to 3<sup>rd</sup> Party Endpoint”
- Support to modify IVR Language in deploy page
- Support Russian Language
- Remove support for VP8 Codec

## **KNOWN ISSUES**

- When the PC install ESET antivirus software, Chrome/Opera cannot join the meeting and will report ERR\_SSL\_SERVER\_CERT\_BAD\_FORMAT error. Disable ESET not helping, only uninstall works.

## FIRMWARE VERSION 1.0.6.5

### PRODUCT NAME

IPVT10

### DATE

07/03/2020

### FIRMWARE FILE INFORMATION

Firmware file name: IPVT10fw\_1.0.6.5.bin

MD5: 94dfded33b98902c5716c48051bb5cfc

### SUMMARY OF UPDATE

The main purpose of this release is bug fixing and feature enhancement

### SERVER:

Name	Version	Comments
IPVTSIPServer	1.0.17.22	
MCU	1.0.9.18	
WebServer	1.0.10.9	

### CLIENT:

Name	Version	Comments
WebRTC Client	1.0.14.4	
GVC320X	1.0.3.69+, 1.0.3.69 suggested	IPVT APK 1.0.0.37+
GVC3210	1.0.1.29+, 1.0.1.59 suggested	IPVT APK 1.0.0.37+
GVC32XX IPVT APK	1.0.0.37+, 1.0.0.47 suggested	
GVC32XX Errata	1.0.0.39+, 1.0.0.39 suggested	System Prompt UI Errata
GXV3275	1.0.3.193+	
IPVT Android	<a href="#">1.0.1.24+</a> , <a href="#">1.0.1.32 suggested</a>	Google Play Store
IPVT iOS	<a href="#">1.0.21+</a> , <a href="#">1.0.24 suggested</a>	Apple Store (iTunes)
IPVT Outlook Calendar Plugin	<a href="#">1.0.0.2+</a> , <a href="#">1.0.0.2 suggested</a>	
IPVT Google Calendar/Chrome Plugin	<a href="#">1.0.0.4</a> , <a href="#">1.0.0.4 suggested</a>	

## SYSTEM SUPPORTED:

### **Browsers:**

- ✓ *IE 11, Firefox 52+, Chrome 52+, Microsoft Edge 40.15063+, Safari 11+, Opera 39+*

### **Operating System:**

- ✓ MacOS (OS X) 10+
- ✓ Win 10+
- ✓ Android 4.1+
- ✓ iOS 9.0+

## BUG FIXES

- Fixed failure when provisioning in LAN
- Fixed MCU reboot when running some test scripts.
- Fixed enable NAT domain name but system information network status information wrong.
- Fixed displaying issue when using Arabic language.

## ENHANCEMENT

- Added sharing audio function in WebRTC clients.
- Support joining the conference via Chrome/Firefox (Android only) and Safari (iOS only)
- Support Adding participants from enterprise contacts during the meeting via WebRTC client
- Added layouts setting entry at participants list in WebRTC client
- Support viewing whiteboard function in more terminals
- Support sharing documents function
- Support conference management via IPVideoTalk application and browser in smart phone
- Support viewing network bandwidth status in WebRTC client
- Added IVR in Spanish.
- Added support of H.323 device.
- Added webRTC to open live broadcasting in IPVT.
- Added support of NAT domain name.
- Synchronized language support of WebRTC and web.

## KNOWN ISSUES

- When the PC install ESET antivirus software, Chrome/Opera cannot join the meeting and will report ERR\_SSL\_SERVER\_CERT\_BAD\_FORMAT error. Disable ESET not helping, only uninstall works.

## FIRMWARE VERSION 1.0.5.26

### PRODUCT NAME

IPVT10

### DATE

06/10/2020

### FIRMWARE FILE INFORMATION

Firmware file name: IPVT10fw\_1.0.5.26.bin

MD5: a577ec91a670e742be9af2d5fa2047bb

### SUMMARY OF UPDATE

The main purpose of this release is feature enhancement

### SERVER:

Name	Version	Comments
IPVTSIPServer	1.0.15.27	
MCU	1.0.9.12	
WebServer	1.0.9.21	

### CLIENT:

Name	Version	Comments
WebRTC Client	1.0.11.13	
GVC320X	1.0.3.69+, 1.0.3.69 suggested	IPVT APK 1.0.0.37+
GVC3210	1.0.1.29+, 1.0.1.59 suggested	IPVT APK 1.0.0.37+
GVC32XX IPVT APK	1.0.0.37+, 1.0.0.47 suggested	
GVC32XX Errata	1.0.0.39+, 1.0.0.39 suggested	System Prompt UI Errata
GXV3275	1.0.3.193+	
IPVT Android	<a href="#">1.0.1.24+</a> , <a href="#">1.0.1.26 suggested</a>	Google Play Store
IPVT iOS	<a href="#">1.0.21+</a> , <a href="#">1.0.22 suggested</a>	Apple Store (iTunes)
IPVT Outlook Calendar Plugin	<a href="#">1.0.0.2+</a> , <a href="#">1.0.0.2 suggested</a>	
IPVT Google Calendar/Chrome Plugin	<a href="#">1.0.0.4</a> , <a href="#">1.0.0.4 suggested</a>	



## **SYSTEM SUPPORTED:**

### **Browsers:**

- ✓ *IE 11, Firefox 52+, Chrome 52+, Microsoft Edge 40.15063+, Safari 11+, Opera 39+*

### **Operating System:**

- ✓ MacOS (OS X) 10+
- ✓ Win 10+
- ✓ Android 4.1+
- ✓ iOS 9.0+

## **ENHANCEMENT**

- Added ability to generate a strong password for meeting host, supporting custom length and only numbers.
- Added configure to ignore authentication of SMTP when custom certificate used.
- Added account page and deploy page to support white list restriction mechanism to enhance security.

## **KNOWN ISSUES**

- When the PC install ESET antivirus software, Chrome/Opera cannot join the meeting and will report ERR\_SSL\_SERVER\_CERT\_BAD\_FORMAT error. Disable ESET not helping, only uninstall works.

## FIRMWARE VERSION 1.0.5.20

### PRODUCT NAME

IPVT10

### DATE

05/12/2020

### FIRMWARE FILE INFORMATION

Firmware file name: IPVT10fw\_1.0.5.20.bin

MD5: 9807d33088cac1738b4aa313e65d9049

### SUMMARY OF UPDATE

The main purpose of this release is feature enhancement.

### SERVER:

Name	Version	Comments
IPVTSIPServer	1.0.15.27	
MCU	1.0.9.12	
WebServer	1.0.9.17	

### CLIENT:

Name	Version	Comments
WebRTC Client	1.0.11.12	
GVC320X	1.0.3.69+, 1.0.3.69 suggested	IPVT APK 1.0.0.37+
GVC3210	1.0.1.29+, 1.0.1.59 suggested	IPVT APK 1.0.0.37+
GVC32XX IPVT APK	1.0.0.37+, 1.0.0.47 suggested	
GVC32XX Errata	1.0.0.39+, 1.0.0.39 suggested	System Prompt UI Errata
GXV3275	1.0.3.193+	
IPVT Android	<a href="#">1.0.1.24+</a> , <a href="#">1.0.1.24 suggested</a>	Google Play Store
IPVT iOS	<a href="#">1.0.21+</a> , <a href="#">1.0.21 suggested</a>	Apple Store (iTunes)
IPVT Outlook Calendar Plugin	<a href="#">1.0.0.2+</a> , <a href="#">1.0.0.2 suggested</a>	
IPVT Google Calendar/Chrome Plugin	<a href="#">1.0.0.4</a> , <a href="#">1.0.0.4 suggested</a>	

## SYSTEM SUPPORTED:

### **Browsers:**

- ✓ *IE 11, Firefox 52+, Chrome 52+, Microsoft Edge 40.15063+, Safari 11+, Opera 36+*

### **Operating System:**

- ✓ MacOS (OS X) 10+
- ✓ Win 10+
- ✓ Android 4.1+
- ✓ iOS 9.0+

## ENHANCEMENT

- Added security configuration to improve the security performance of the system.
- Adjusted the device alias display policy: Give priority to the alias set according to the device; if the alias is not set, the device alias will be displayed by the platform.
- The device list is synchronized to the Room Device Directory in the enterprise contact book

## KNOWN ISSUES

- When the PC install ESET antivirus software, Chrome/Opera cannot join the meeting and will report ERR\_SSL\_SERVER\_CERT\_BAD\_FORMAT error. Disable ESET not helping, only uninstall works.

## FIRMWARE VERSION 1.0.5.17

### PRODUCT NAME

IPVT10

### DATE

03/03/2020

### FIRMWARE FILE INFORMATION

Firmware file name: IPVT10fw\_1.0.5.17.bin

MD5: 2a058cb689e3caa815f0ba8925d88a5d

### SUMMARY OF UPDATE

The main purpose of this release is feature enhancement.

### SERVER:

Name	Version	Comments
IPVTSIPServer	1.0.15.23	
MCU	1.0.9.12	
WebServer	1.0.9.12	

### CLIENT:

Name	Version	Comments
WebRTC Client	1.0.11.10	
GVC320X	1.0.3.51+, 1.0.3.64 suggested	IPVT APK 1.0.0.37+
GVC3210	1.0.1.29+, 1.0.1.56 suggested	IPVT APK 1.0.0.37+
GVC32XX IPVT APK	1.0.0.37+, 1.0.0.47 suggested	
GVC32XX Errata	1.0.0.38+, 1.0.0.38 suggested	System Prompt UI Errata
GXV3275	1.0.3.193+	
IPVT Android	<a href="#">1.0.0.68+</a> , <a href="#">1.0.1.7 suggested</a>	Google Play Store
IPVT iOS	<a href="#">1.0.15+</a> , <a href="#">1.0.18 suggested</a>	Apple Store (iTunes)
IPVT Outlook Calendar Plugin	<a href="#">1.0.0.2+</a> , <a href="#">1.0.0.2 suggested</a>	
IPVT Google Calendar/Chrome Plugin	<a href="#">1.0.0.4</a> , <a href="#">1.0.0.4 suggested</a>	

## SYSTEM SUPPORTED:

### **Browsers:**

- ✓ *IE 11, Firefox 52+, Chrome 52+, Microsoft Edge 40.15063+, Safari 11+, Opera 36+*

### **Operating System:**

- ✓ MacOS (OS X) 10+
- ✓ Win 10+
- ✓ Android 4.1+
- ✓ iOS 9.0+

## ENHANCEMENT

- Supported to configure video CBR or VBR
- Supported to configure uplink resolution and stream rate
- Supported to configure the bitrate of each resolution output by the server
- Supported to join the meeting through internal network or NAT external network by H.323 devices

## KNOWN ISSUES

- When the PC install ESET antivirus software, Chrome/Opera cannot join the meeting and will report ERR\_SSL\_SERVER\_CERT\_BAD\_FORMAT error. Disable ESET not helping, only uninstall works.

## FIRMWARE VERSION 1.0.5.12

### PRODUCT NAME

IPVT10

### DATE

12/12/2019

### FIRMWARE FILE INFORMATION

Firmware file name: IPVT10fw\_1.0.5.12.bin

MD5: f58387ef70be6813c3bc5ba89923235f

### SUMMARY OF UPDATE

The main purpose of this release is bug fix and feature enhancement.

### SERVER:

Name	Version	Comments
IPVTSIPServer	1.0.15.17	
MCU	1.0.9.11	
WebServer	1.0.9.9	

### CLIENT:

Name	Version	Comments
WebRTC Client	1.0.11.8	
GVC320X	1.0.3.51+, 1.0.3.64 suggested	IPVT APK 1.0.0.37+
GVC3210	1.0.1.29+, 1.0.1.56 suggested	IPVT APK 1.0.0.37+
GVC32XX IPVT APK	1.0.0.37+, 1.0.0.47 suggested	
GVC32XX Errata	1.0.0.38+, 1.0.0.38 suggested	System Prompt UI Errata
GXV3275	1.0.3.193+	
IPVT Android	<a href="#">1.0.0.68+</a> , <a href="#">1.0.1.7 suggested</a>	Google Play Store
IPVT iOS	<a href="#">1.0.15+</a> , <a href="#">1.0.18 suggested</a>	Apple Store (iTunes)
IPVT Outlook Calendar Plugin	<a href="#">1.0.0.2+</a> , <a href="#">1.0.0.2 suggested</a>	
IPVT Google Calendar/Chrome Plugin	<a href="#">1.0.0.4</a> , <a href="#">1.0.0.4 suggested</a>	

## SYSTEM SUPPORTED:

### **Browsers:**

- ✓ *IE 11, Firefox 52+, Chrome 52+, Microsoft Edge 40.15063+, Safari 11+, Opera 36+*

### **Operating System:**

- ✓ MacOS (OS X) 10+
- ✓ Win 7+
- ✓ Android 4.1+
- ✓ iOS 9.0+

## ENHANCEMENT

- API support: Support meeting management involved functions
- Added switch on audio (send/stop: sending local audio stream to remote server, field audio/video; demo packet loss interface and query site packet loss rate)
- Added Participant List / User Information View / Raise Hand / Let Go interfaces
- Added Host Control Interface:
  - Video related conference control: request to open remote user camera;
  - Audio related conference control: mute conference room, mute/unmute one user;
  - Put down raise hand of all; put down raise hand of someone;
  - Apply to become host;
  - Send meeting invitation (sip outside call / mail);
  - Kick someone out of the meeting room;
  - Set someone as a workgroup; mute a participant when entering the meeting room; turn on/off the chat function; lock/unlock the room; allow/forbidden viewing of all user lists; turn on/off recording; turn on/off real-time subtitles; turn on third party live broadcast
- Added support of: Configure Server; Meeting Enrollment; Device List View; Device Settings; Turn on/off cameras; Turn on/off local video preview; Send/Stop remote video streams; Turn on/off the Demo.
- Added server negotiates preferred HP
- Added support in small window screen: screen edge; screen drag and drop; custom zoom size function; whiteboard; double-click full screen; exit full screen function
- Adjusted whiteboard authentication logic to make the uniqueness and confidentiality of the conference.

- Support P2P streaming direct transmission mode in server
- Support GVC added into IMS meeting via IPVT over P2P mode
- Support packets loss resistance and some involved protocols (including: NACK/RTX/GS-FEC/RTCP/PLI/FIR) under P2P streaming direct transmission mode in server
- Support cloud video recording function under P2P streaming direct transmission mode in server
- Added support for H.323 encryption protocol: H235.6
- Adjusted the H.323 component bandwidth setting to resolve H.323 device primary uplink resolution less than 720p.
- Added specific tips when fail to upload file due to no space.
- Support Whiteboard function in Android/iOS client as well as in WebRTC client.
- Support Desktop Sharing function in Android/iOS client
- Added network transmission status display function in Android/iOS client
- Improve meeting interface in Android/iOS client as well as in WebRTC client.
- Improve client interface in Android/iOS client

## **BUG FIXES**

- Fixed no audio issue when Cisco device entering meeting.
- Fixed internal port customization interface prompted incorrect when SSH turned off.
- Fixed fail to enter meeting room due to CORS policy error.
- Fixed deployment page cannot be logged out automatically in probability.
- Fixed some H.323 device upstream cannot be decoded.

## **KNOWN ISSUES**

- When the PC install ESET antivirus software, Chrome/Opera cannot join the meeting and will report ERR\_SSL\_SERVER\_CERT\_BAD\_FORMAT error. Disable ESET not helping, only uninstall works.



## FIRMWARE VERSION 1.0.4.12

### PRODUCT NAME

IPVT10

### DATE

09/23/2019

### FIRMWARE FILE INFORMATION

Firmware file name: IPVT10fw\_1.0.4.12.bin

MD5: cf02bddd3ab8d6fe6dab007c13d15d8e

### SUMMARY OF UPDATE

The main purpose of this release is bug fix and feature enhancement.

### SERVER:

Name	Version	Comments
IPVTSIPServer	1.0.13.26	
MCU	1.0.9.11	
WebServer	1.0.6.11	

### CLIENT:

Name	Version	Comments
WebRTC Client	1.0.9.11	
GVC320X	1.0.3.51+, 1.0.3.64 suggested	IPVT APK 1.0.0.37+
GVC3210	1.0.1.29+, 1.0.1.56 suggested	IPVT APK 1.0.0.37+
GVC32XX IPVT APK	1.0.0.37+, 1.0.0.47 suggested	
GVC32XX Errata	1.0.0.38+, 1.0.0.38 suggested	System Prompt UI Errata
GXV3275	1.0.3.193	
IPVT Android	<a href="#">1.0.0.68+</a> , <a href="#">1.0.0.91 suggested</a>	Google Play Store
IPVT iOS	<a href="#">1.0.13+</a> , <a href="#">1.0.16 suggested</a>	Apple Store (iTunes)
IPVT Outlook Calendar Plugin	<a href="#">1.0.0.2+</a> , <a href="#">1.0.0.2 suggested</a>	
IPVT Google Calendar/Chrome Plugin	<a href="#">1.0.0.4</a> , <a href="#">1.0.0.4 suggested</a>	

## SYSTEM SUPPORTED:

### **Browsers:**

- ✓ *IE 11, Firefox 52+, Chrome 52+, Microsoft Edge 40.15063+, Safari 11+, Opera 36+*

### **Operating System:**

- ✓ MacOS (OS X) 10+
- ✓ Win 7+
- ✓ Android 4.1+
- ✓ iOS 9.0+

## ENHANCEMENT

- Improved the functionality of the Web Portal: Enhanced Contacts book functionality; Participants can view the status of the meeting on Participants List; Users could set the starting time of the week on Calendar.
- Added Meeting Lock function.
- Added to display startup time of the device on Device status page.
- Added Google Speech Recognition function; Added caption for recorded files; Added to display caption history and real-time caption on WebRTC meeting interface.
- Added FECC camera control function on WebRTC meeting interface.
- Supported to send/receive pictures/files in the IPVideoTalk application in iOS/Android mobile devices.
- Supported NACK/RTX in the IPVideoTalk application in iOS mobile devices. Improved GSFEC to enhance the packets loss resistance to 50%.
- Supported 64 bit dependency library for Android application to resolve the uploading constraint of Google Play.
- Supported meeting management functions in the IPVideoTalk application in iOS/Android mobile devices.

## KNOWN ISSUES

- When the PC install ESET antivirus software, Chrome/Opera cannot join the meeting and will report ERR\_SSL\_SERVER\_CERT\_BAD\_FORMAT error.

## FIRMWARE VERSION 1.0.3.24

### PRODUCT NAME

IPVT10

### DATE

06/28/2019

### FIRMWARE FILE INFORMATION

Firmware file name: IPVT10fw\_1.0.3.24.bin

- MD5: dde2a157ce15bd140731cc9dae103ede

### SUMMARY OF UPDATE

The main purpose of this release is bug fix and feature enhancement.

### SERVER:

Name	Version	Comments
IPVTSIPServer	1.0.12.40	
MCU	1.0.9.10	
WebServer	1.0.5.28	

### CLIENT:

Name	Version	Comments
WebRTC Client	1.0.8.23	
GVC320X	1.0.3.51+, 1.0.3.64 suggested	IPVT APK 1.0.0.37+
GVC3210	1.0.1.29+, 1.0.1.51 suggested	IPVT APK 1.0.0.37+
GVC32XX IPVT APK	1.0.0.37+, 1.0.0.43 suggested	
GVC32XX Errata	1.0.0.35+, 1.0.0.36 suggested	System Prompt UI Errata
GXV3275	1.0.3.193	
IPVT Android	<a href="#">1.0.0.68+</a> , <a href="#">1.0.0.81 suggested</a>	Google Play Store
IPVT iOS	<a href="#">1.0.13+</a> , <a href="#">1.0.15 suggested</a>	Apple Store (iTunes)
IPVT Outlook Calendar Plugin	<a href="#">1.0.0.1+</a> , <a href="#">1.0.0.2 suggested</a>	
IPVT Google Calendar/Chrome Plugin	<a href="#">1.0.0.3</a>	

## SYSTEM SUPPORTED:

### **Browsers:**

- ✓ IE 11, Firefox 52+, Chrome 52+, Microsoft Edge 40.15063+, Safari 11+, Opera 36+

### **Operating System:**

- ✓ MacOS (OS X) 10+
- ✓ Win 7+
- ✓ Android 4.1+
- ✓ iOS 9.0+

## ENHANCEMENT

- Supported allow administrator to view the operation logs of Admin accounts
- Supported static defense settings including Ping Defense, SYN-Flood Defense, Ping-of-Death Defense and Fail2Ban
- Supported alert notification methods including insufficient storage, insufficient memory, update deployment methods and so on
- Supported to record multiple video files separately for multi-layouts mode during the meeting
- Added new option "SRTP Support" for SIP Trunk Settings
- Supported RTMPS for living on Facebook
- The maximum video resolution is updated to 1080P during living on the third party platform
- Supported to edit default meeting layout in instant meeting template
- Supported only TLS mode for GVC IPVideoTalk APP (GVC IPVideoTalk APP: 1.0.0.46+)

## KNOWN ISSUES

- When installing ESET antivirus software, Chrome/Opera cannot join the meeting and will report ERR\_SSL\_SERVER\_CERT\_BAD\_FORMAT error
- GVC3210 cannot display demo for quite a while in two cases:
  - Case1:  
GVC3210 in Demo mode joining the meeting then camera On/Off or Hold/Unhold
  - Case2:  
GVC3210 in Demo mode joining the meeting with a password configured
- With Chrome (Ver: 52) the instant meeting would not jump to webRTC page.
- With Chrome (Ver: 52) or Opera (Ver: 36), paused DEMO would not resume and need to stop/restart the DEMO. Chrome (Ver: 60) and Opera (Ver: 47) without such issue.
- With latest Microsoft Edge or IE11, uploading the customized logo, even with correct file size, the upload process would fail.

## FIRMWARE VERSION 1.0.3.17

### PRODUCT NAME

IPVT10

### DATE

04/04/2019

### FIRMWARE FILE INFORMATION

- Firmware file name: IPVT10fw\_1.0.3.17.bin  
  
MD5: 1aa3e570c796624ddf95bf1642060486

### SUMMARY OF UPDATE

The main purpose of this release is bug fix and feature enhancement.

### SERVER:

Name	Version	Comments
IPVTSIPServer	1.0.12.25	
MCU	1.0.8.15	
WebServer	1.0.5.22	

### CLIENT:

Name	Version	Comments
WebRTC Client	1.0.8.18	
GVC320X	1.0.3.51	IPVT APK 1.0.0.37+
GVC3210	1.0.1.29	IPVT APK 1.0.0.37+
GVC32XX IPVT APK	1.0.0.37	
GVC32XX Errata	1.0.0.36	System Prompt UI Errata
GXV3275	1.0.3.193	
IPVT Android	<a href="#">1.0.0.68</a>	Google Play Store
IPVT iOS	<a href="#">1.0.14</a>	Apple Store (iTunes)
IPVT Outlook Calendar Plugin	<a href="#">1.0.0.1</a>	
IPVT Google Calendar/Chrome Plugin	<a href="#">1.0.0.3</a>	

## SYSTEM SUPPORTED:

**Browsers:** IE 11, Firefox 52+, Chrome 52+, Microsoft Edge 40.15063+, Safari 11+, Opera 36+


### **Operating System:**

- ✓ MacOS (OS X) 10+
- ✓ Win 7+
- ✓ Android 4.1+
- ✓ iOS 9.0+

## ENHANCEMENT

- Added troubleshooting tools: Ping, Traceroute
- Supported create permanent public meeting room where anyone can join and start the meeting
- Added an option in Meeting Support Setting “Call the host device automatically when someone joins the conference”

## KNOWN ISSUES

- When installing ESET antivirus software, Chrome/Opera cannot join the meeting and will report ERR\_SSL\_SERVER\_CERT\_BAD\_FORMAT error
- Firefox (version 66.0.4/66.0.5) by default forbidden automatic audio play therefore users entering conference will not hear any audio. To resolve this, users have to click the “” icon, select “allow automatic playing audio” and refresh the browser, the audio will come out.
- GVC3210 cannot display demo for quite a while in two cases:
  - Case1:  
GVC3210 in Demo mode joining the meeting then camera On/Off or Hold/Unhold
  - Case2:  
GVC3210 in Demo mode joining the meeting with a password configured

## FIRMWARE VERSION 1.0.3.13

### PRODUCT NAME

IPVT10

### DATE

03/15/2019

### FIRMWARE FILE INFORMATION

- Firmware file name: IPVT10fw\_1.0.3.13.bin  
  
 MD5: 4c190f73958c562d24dda616e5eb7993

### SUMMARY OF UPDATE

The main purpose of this release is bug fix and feature enhancement.

### SERVER:

Name	Version	Comments
IPVTSIPServer	1.0.12.22	
MCU	1.0.8.14	
WebServer	1.0.5.16	

### CLIENT:

Name	Version	Comments
WebRTC Client	1.0.8.17	
GVC320X	1.0.3.51	IPVT APK 1.0.0.37+
GVC3210	1.0.1.29	IPVT APK 1.0.0.37+
GVC32XX IPVT APK	1.0.0.37	
GVC32XX Errata	1.0.0.36	System Prompt UI Errata
GXV3275	1.0.3.193	
IPVT Android	<a href="#">1.0.0.68</a>	Google Play Store
IPVT iOS	<a href="#">1.0.14</a>	Apple Store (iTunes)
IPVT Outlook Calendar Plugin	<a href="#">1.0.0.1</a>	
IPVT Google Calendar/Chrome Plugin	<a href="#">1.0.0.3</a>	

## SYSTEM SUPPORTED:

**Browsers:** IE 11, Firefox 52+, Chrome 52+, Microsoft Edge 40.15063+, Safari 11+, Opera 36+

### **Operating System:**

- ✓ MacOS (OS X) 10+
- ✓ Win 7+
- ✓ Android 4.1+
- ✓ iOS 9.0+

## ENHANCEMENT

- Improved the meeting capacity: Support up to 50 meetings of two parties, or 10 meetings of three parties. Each meeting layout occupies 1 meeting resource
- Added multiple meeting layouts choices for each meeting
- Added support meeting caption, sending pictures and files in chat, and NFS extended disk
- Improved IPVT10 Web UI: Display NFS extended disk, display all sockets status, configure the meeting URL for public
- Added "Trial" tag on License
- Added support to send test email for SMTP mailbox
- Customized video screen banner subtitle to allow always display or display for a period of time
- Device List Page: Added support for filtering out devices already registered or un-registered
- Extend Storage: Added docking NAS storage that supporting NFS mount feature
- Added a new attribute in scheduled meeting: "prohibit participants sharing presentation."
- Added system information in deploying page
- Added "Test Sending Email" feature in deploying page
- Added support for Chat Message Notification Reminder
- Added support for sending image or file inside Message
- Added support for H.323 device to register and join the meeting
- Support video display when docking with UCM (depending on the compatibility of the device)
- Improved user experience for certain features
- Added support for pre-deployment of layout to be set when scheduling meetings
- Added feature that one meeting can be customized in 3 layouts and the WebRTC host can set different layouts for different participants
- When only two participants are in the meeting, both can see each other's videos without occupying conference room resources. Maximum of 50 conference rooms including 10 multiparty meetings can be supported
- Changed the initial default password to random password for more security
- Made change password mandatory when the user initially logs in web UI using default password
- Added WebRTC support with Firefox63 and Chrome72+ DEV



- Added support for integration with Outlook

## **KNOWN ISSUES**

- When installing ESET antivirus software, Chrome/Opera cannot join the meeting and will report ERR\_SSL\_SERVER\_CERT\_BAD\_FORMAT error

## FIRMWARE VERSION 1.0.2.8

### PRODUCT NAME

IPVT10

### DATE

10/23/2018

### FIRMWARE FILE INFORMATION

- Firmware file name: IPVT10fw\_1.0.2.8.bin  
  
MD5: aee88c060e7069ed2c10dc5fa16fa86d

### SUMMARY OF UPDATE

The main purpose of this release is bug fix and feature enhancement.

### SERVER:

Name	Version	Comments
IPVTSIPServer	1.0.11.2	
MCU	1.0.7.19	
WebServer	1.0.4.13	

### CLIENT:

Name	Version	Comments
WebRTC Client	1.0.7.15	
GVC320X	1.0.3.51	IPVT APK 1.0.0.37+
GVC3210	1.0.1.29	IPVT APK 1.0.0.37+
GVC32XX IPVT APK	1.0.0.37	
GVC32XX Errata	1.0.0.33	System Prompt UI Errata
IPVT Android	<a href="#">1.0.0.68</a>	Google Play Store
IPVT iOS	<a href="#">1.0.14(0.0.0.5)</a>	Apple Store (iTunes)

## SYSTEM SUPPORTED:

**Browsers:** IE 11, Firefox 52+, Chrome 52+, Microsoft Edge 40.15063+, Safari 11+, Opera 36+

### **Operating System:**

- ✓ MacOS (OS X) 10+
- ✓ Win 7+
- ✓ Android 4.1+
- ✓ iOS 9.0+

## ENHANCEMENT

- Added assigning device usage privilege to sub account, and allow sub account to manage independently the related meeting functions, and email sub accounts the related status change.
- Add the region management function to the device. When the device region is modified, the reserved conferences will be transferred together to the modified region.
- Added each device now can independently set the maximum conference duration, the maximum number of participants, and the maximum number of videos.
- Incorporated feature to report abnormal logs to server in WebRTC Client.
- Reduced the volume lever of comfort noise.
- Adjusted the font in deployment page: Chinese adjusted to bold; Russian adjusted to Arial.

## KNOWN ISSUES

- SIP Server may crash sometimes.
- SIP Server video feed counter may with error sometimes.
- Encode (MCU) video sometimes showing blocks or white spots.

## FIRMWARE VERSION 1.0.1.5

### PRODUCT NAME

IPVT10

### DATE

09/17/2018

### FIRMWARE FILE INFORMATION

- Firmware file name: IPVT10fw\_1.0.1.5.bin  
  
MD5: e9a51f08bec5ce7e2276336d161528af

### SUMMARY OF UPDATE

The main purpose of this release is enhancement since the initial release.

### SERVER:

Name	Version	Comments
IPVTSIPServer	1.0.10.12	
MCU	1.0.7.19	
WebServer	1.0.4.6	

### CLIENT:

Name	Version	Comments
WebRTC Client	1.0.7.14	
GVC320X	1.0.3.51	IPVT APK 1.0.0.37+
GVC3210	1.0.1.29	IPVT APK 1.0.0.37+
GVC32XX APK	1.0.0.37	
GVC32XX	1.0.0.33	System Prompt UI Errata
IPVT Android	<a href="#">1.0.0.68</a>	Google Play Store
IPVT iOS	<a href="#">1.0.14(0.0.0.5)</a>	Apple Store (iTunes)

## SYSTEM SUPPORTED:

**Browsers:** IE 11, Firefox 52+, Chrome 52+, Microsoft Edge 40.15063+, Safari 11+, Opera 36+

### **Operating System:**

- ✓ MacOS (OS X) 10+
- ✓ Win 7+
- ✓ Android 4.1+
- ✓ iOS 9.0+

## ENHANCEMENT

- Added custom video layout (include fixed attendee's layout) and carousel the attendee list when the video feeds large than the max screen layout's size.
- Added maintenance features include: Export Log File and Capture Packets
- Added server monitor features include: Disk Status/Network Status/Meeting Room Status
- Support one master and many slaves to scale maximum number of meeting rooms.
- Added preview attendee's video by the host.
- Added playing comfortable noise when the meeting room is quiet.
- Support H.265
- Support customization of company's logo, domain for all the pages as well as the emails.
- Support 120 Video Feeds in one meeting.
- Support Factory Reset with preservation of user data.

## KNOWN ISSUES

- SIP Server may crash sometimes.
- SIP Server video feed counter may with error sometimes.
- Encode (MCU) video sometimes showing blocks or white spots.

## **FIRMWARE VERSION 1.0.0.15**

### **PRODUCT NAME**

IPVT10

### **DATE**

08/1/2018

### **FIRMWARE FILE INFORMATION**

- Firmware file name: IPVT10fw\_1.0.0.15.bin  
MD5: defb1c2435c596ebdb6c956f070fe9e4

### **SUMMARY OF UPDATE**

This is the Initial Version released.