GV-Live Streaming Mobile App

GV-Live Streaming

GV-Live Streaming is a paid mobile app that allows the camera of your Android / iOS mobile device to connect and stream live video to GeoVision video management systems.

Note: Before purchasing, users may try out the full functions of GV-Live Streaming, utilizing the free monthly data quota provided, with a watermark imprinted throughout.

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1.   Specifications

Supported OS	iOS 11; Android 8.0 or later
Supported CPU (Android)	64-bit Processor
Default Port	10000

2.   GV-Software Supported

GV-Live Streaming is compatible with the following versions of GV-Software

- GV-VMS V17.4 or later
- GV-VMS V18.1 or later

Note: GV-Live Streaming can only be connected to one GV-VMS at a time.
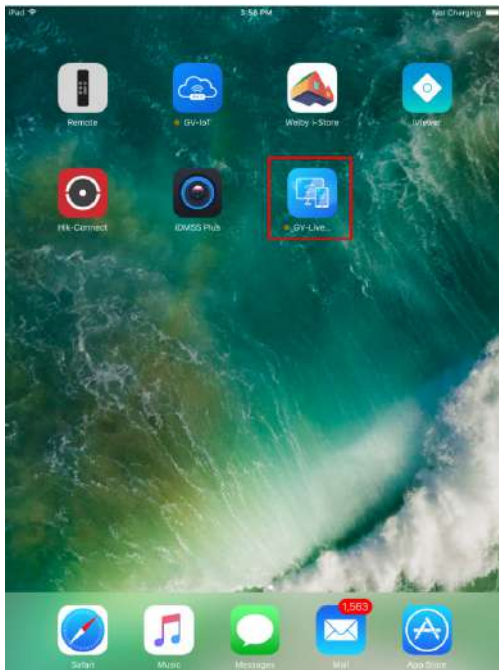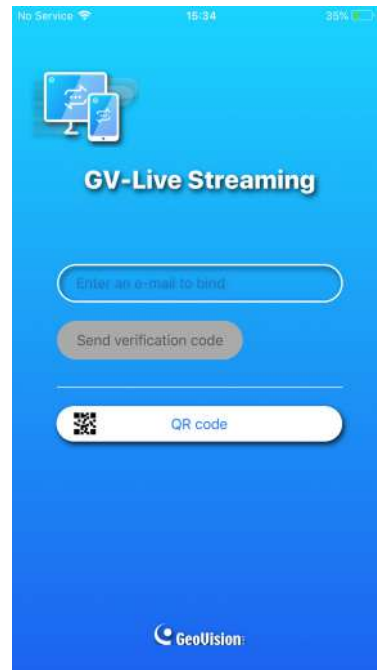
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3. Getting Started

You can download GV-Live Streaming from the **App Store** or **Google Play** and install the application.

Tap the GV-Live Streaming icon in your app list. The e-mail binding page appears. The e-mail bound will be used as your GV-Relay account.

Note that all instructions herein are illustrated using **iPad**.

GV-Live Streaming icon on iPad   **E-mail Binding Page of GV-Live Streaming**

3.1   Setting up and Connecting GV-Live Streaming to GV-Software

3.1.1   Creating GV-Relay Account

Prior to using GV-Live Streaming, you must first enter an e-mail to be used as your GV-Relay account for connecting to GV-VMS, and managing the required relay data quota.

There are two types of e-mail accounts that can be bound: **Personal e-mail** or **Google account**, as explained below.

Binding with Personal E-mail

1.   Type a valid e-mail address within **Enter an e-mail to bind** to use it as your GV-Relay account.

2.   Tap **Send verification code** to have it sent to the e-mail address entered. The **Email verification** page appears.

3.   Upon receiving of the verification code, enter the 4-digit code within its validity period of 10 minutes and tap **Verify**.

Binding with Google

Note: The binding with Google function is only available on Android devices.

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1. To bind a Google account to GV-Live Streaming and use it as your GV-Relay account, tap **Google** on the e-mail binding page of GV-Live Streaming.

2. Follow the onscreen instructions to choose a desired Google account and log in.

Once successfully bound, the personal e-mail or Google account is used as your GV-Relay account and tracks the amount of data available, for viewing images through GV-Relay server.

Note:

1. For the **QR code** function and managing your GV-Relay account, see *5.3 Sharing Relay Data* and *5. Managing GV-Relay Account*, respectively.

2. All GV-Relay accounts are given 5 GB of free data every month. To purchase additional data, see *5.2 Viewing and Purchasing Relay Data*.

3.1.2   Connecting to GV-Software

To connect GV-Live Streaming to GV-VMS, you must first acquire a Binding Code from GV-Live Streaming and enter the code on GV-VMS. To do so, follow Part 1 and 2 below.
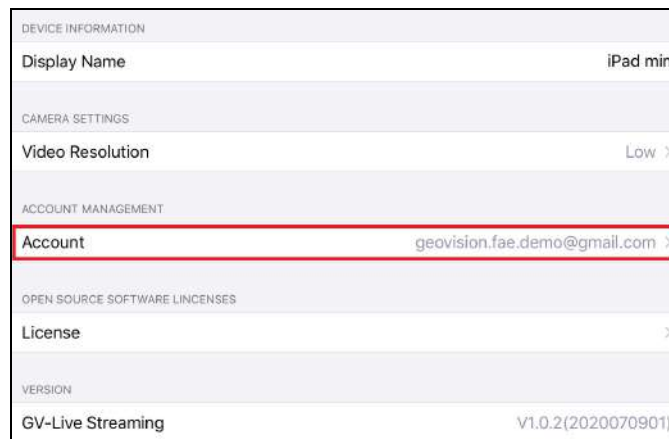

Note: Make sure both the GV-Live Streaming and GV-VMS are connected to the Internet.

Part 1: Acquiring Binding Code

1.   On GV-Live Streaming, tap **Setting** (No. 4, *3.2 Main Page*) > **Account** > **Binding Code**.
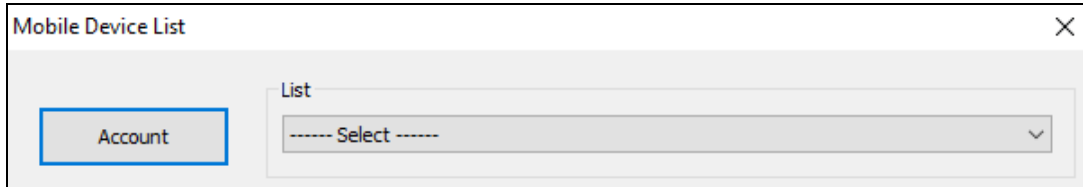

2.   On the Binding Code page, take note of the **Binding Code** to be used for connecting to GV-VMS, within its validity period.
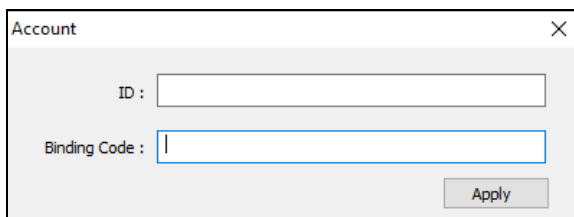
Part 2: Binding GV-VMS

3. On GV-VMS, click **Home** 👁 > **Toolbar** 🔧 > **Configure** ⚙, select **Camera Install** and click **Add Camera** ⊕.

4. Click the **Mobile** icon 📱 next to **Server IP**. This dialog box appears.

Mobile Device List	✕
Account	List: ------ Select ------ ▼

5. Click **Account**. This dialog box appears.

Account	✕
ID : [ ]	
Binding Code : [ ]	
	Apply

6. Type the e-mail account bound to GV-Live Streaming as the **ID** and the **Binding Code** from Step 2, and click **Apply**.

7. Select the GV-Live Streaming device from the dropdown list to add it to GV-VMS.

8. You can start streaming live video from the device's camera to GV-VMS by tapping **LIVE** on the Main Page of GV-Live Streaming (No. 5, *3.2 Main Page*).
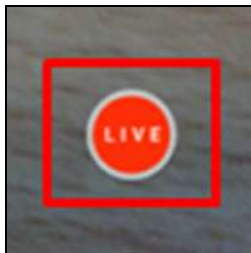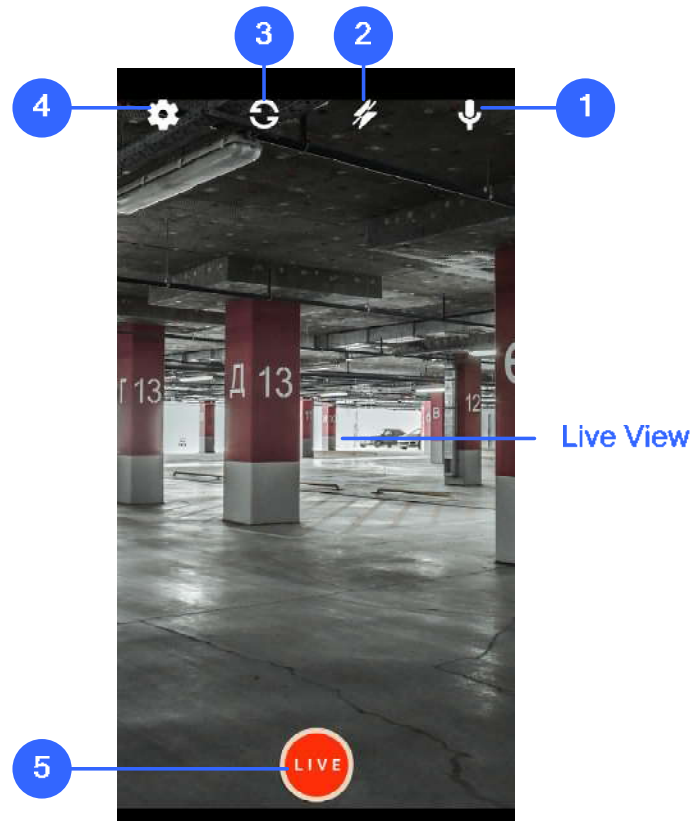

Note: Optional purchase of a GV-Live Streaming License is required to remove the watermark of Trial Version. See *5.1 Purchasing GV-Live Streaming License and Unlocking Trial*.

3.2 Main Page

The Main Page of GV-Live Streaming displays the camera live view to be streamed to GV-VMS when connected.

Live View

No.	Name	Function
1.	Microphone	Turns on/off the microphone of your Android / iOS mobile device.
2.	Flashlight	Turns on/off the built-in flashlight of the camera currently used, when applicable.
3.	Camera Selection	Switches between the front and back cameras of the device, when applicable.
4.	Settings	Accesses **Settings Page** of GV-Live Streaming, see *4. System Settings*.
5.	LIVE	Starts/stops streaming live view to the GV-VMS connected.

Note: The **LIVE** function can only be used when GV-Live Streaming is connected to a GV-VMS.

3.2.1 Adjusting Live View

Once your GV-Live Steaming is connected a GV-VMS, you can adjust the live view image to be streamed to GV-VMS through the following options:

- **Switching Front/Back Camera:** To alternate between the front and back cameras of the mobile device, tap **Camera Selection** on the Main Page (No. 3, *3.2 Main Page*).

- **Microphone:** To turn on/off the microphone of the mobile device for streaming audio to the GV-VMS connected, tap **Microphone** on the Main Page (No. 1, *3.2 Main Page*).

- **Flashlight:** To turn on/off the flashlight of the mobile device for improved lighting, tap **Flashlight** on the Main Page (No. 2, *3.2 Main Page*).

- **Video Resolution:** To adjust the video resolution, tap **Settings** (No. 4, *3.2 Main Page*) on the Main Page, tap **Video Resolution** and select from **High**, **Medium** and **Low**.

4. System Settings

Tap **Settings** (No. 4, *3.2 Main Page*) to access the **Settings Page**, which allows you to configure and change settings including **Device Information**, **Camera Settings**, and **Account Management**.
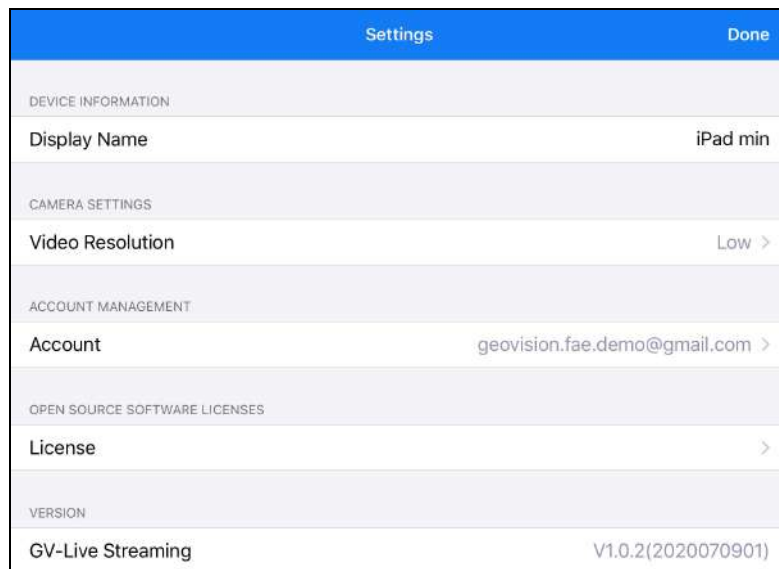
[DEVICE INFORMATION]

■ **Display Name:** Type a desired name for the device.

[CAMERA SETTINGS]

■ **Video Resolution:** Select the desired video resolution to be streamed to the GV-VMS connected, from **High**, **Medium** or **Low**.

[ACCOUNT MANAGEMENT]

■ **Account:** Displays the GV-Relay account currently logged in. To manage the GV-Relay account, see *5. Managing GV-Relay Account*.

[OPEN SOURCE SOFTWARE LICENSES]

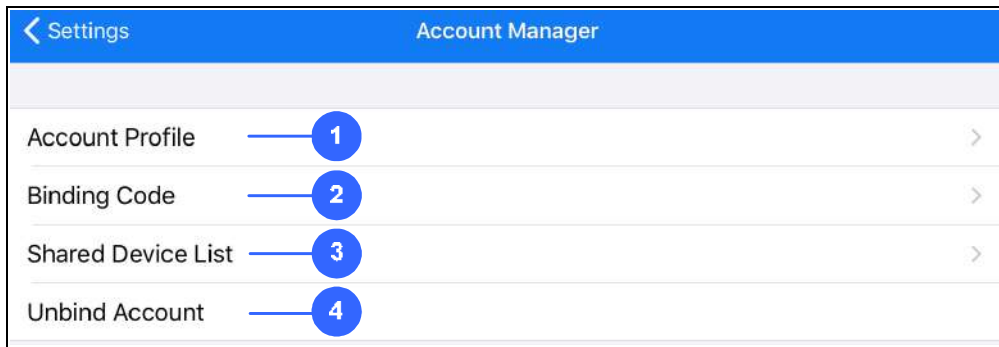■ **License:** Displays the copyright notices of GV-Live Streaming.

[VERSION]

■ **GV-Live Streaming:** Displays the version of GV-Live Streaming currently used.

5. Managing GV-Relay Account

Tap the GV-Relay account e-mail under **Account Management**. The **Account Manager Page** appears, where you can view the amount of data available for streaming video via relay, share the data with other devices and/or log off the current GV-Relay account.

Account Manager

| No.	Name	Function
1.	Account Profile	Tap to view the amount of data on the GV-Relay account. See *5.3 Viewing and Purchasing Relay Data*.
2.	Binding Code	Tap to display the following: • A QR code for sharing the account's data to other mobile devices. See *5.3 Sharing Relay Data*. • A **Binding Code** for connecting to GV-VMS, see *3.1.2 Connecting to GV-Software*.
3.	Shared Device List	Tap to display all devices currently using the data of the GV-Relay account logged in. See *5.1 Purchasing GV-Live Streaming License and Unlocking Trial*.
4.	Unbind Account	Tap to log off the GV-Relay account.

5.1 Purchasing GV-Live Streaming License and Unlocking Trial

To purchase a GV-Live Streaming License, contact our sales representative for the countries and areas supported.

5.1.1 Issuing GV-Live Streaming License to Device

After purchasing a GV-Live Streaming License, follow the steps below to apply the GV-Live Streaming License to your device.

1. Tap **Shared Device List** (No. 3, *5 Managing GV-Relay Account*). This page appears.
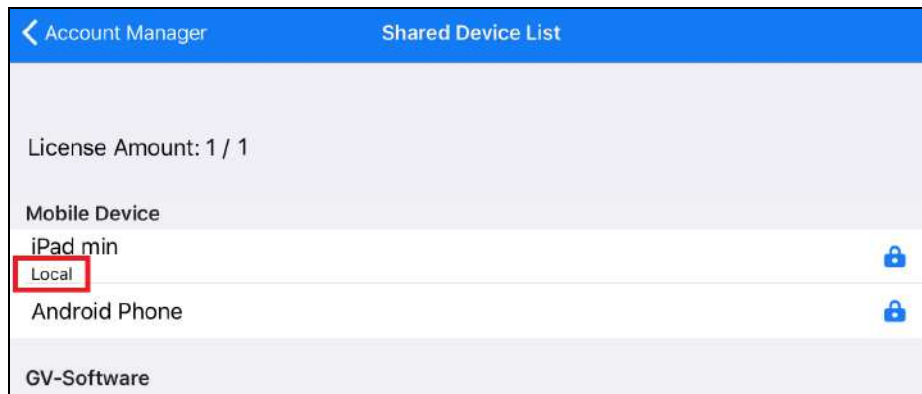
Note: The device bound to your GV-Relay account is labeled "Local". Shared devices can be added by sharing the data from this device. See *5.3 Sharing Relay Data*.

2. Swipe your device and tap **Issue**. The GV-Live Streaming License has now been applied to your device, and the Trail Version watermark is removed from the live view.

### Removing GV-Live Streaming License

To remove the GV-Live Streaming License from a device, swipe the device and tap **Revoke**. You can issue the removed GV-Live Streaming License to another device by following Step 2 in *5.1.1 Issuing GV-Live Streaming License to Device*.

5.2 Viewing and Purchasing Relay Data

All GV-Relay accounts are given 5 GB of free data every month while additional data can be purchased as needed. To purchase additional data, contact our sales representative for the countries and areas supported.

To view the data quota available or purchase record, tap **Account Profile** (No. 1, *5. Managing Relay Account*). The following page appears.
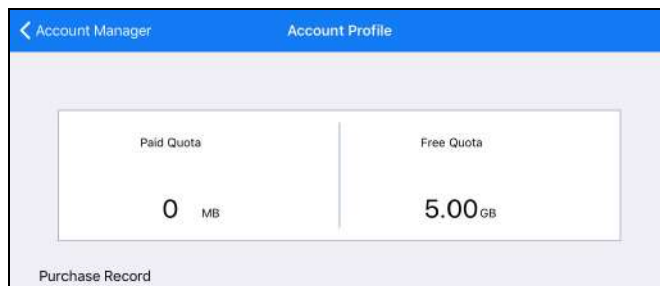

5.3 Sharing Relay Data

The data of a GV-Relay account can be shared to other mobile devices for GV-Relay streaming from those devices. To share the data from device A to device B, follow the steps below:

1. On device A, tap **Binding Code** (No. 2, *5. Managing GV-Relay Account*). The account QR code, with its validity period, appears.

2.	On device B, tap **QR code** on the E-mail binding page. Scan the QR code from Step 1.
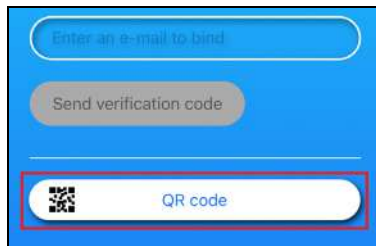
3.	Once successfully scanned, the name of device B appears on the **Shared Device List** (No. 3, *5 Managing GV-Relay Account*). The data from device A is shared to device B.

All images streamed on both devices A and B will consume the data from the same GV-Relay account.

Removing Shared Devices and GV-VMS

To remove a shared device or GV-VMS, tap **Shared Device List** (No. 3, *5 Managing GV-Relay Account*) > swipe the shared device or GV-VMS > tap **Delete**.

Scan the following QR codes for product warranty and technical support policy:

[Warranty]

[Technical Support Policy]