



# GV-Live Streaming Mobile App

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# 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.

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**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

<b>Supported OS</b>	iOS 15 ~ 18.2 / Android 12 ~ 14
<b>Supported CPU (Android)</b>	64-bit Processor
<b>Default Port</b>	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

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

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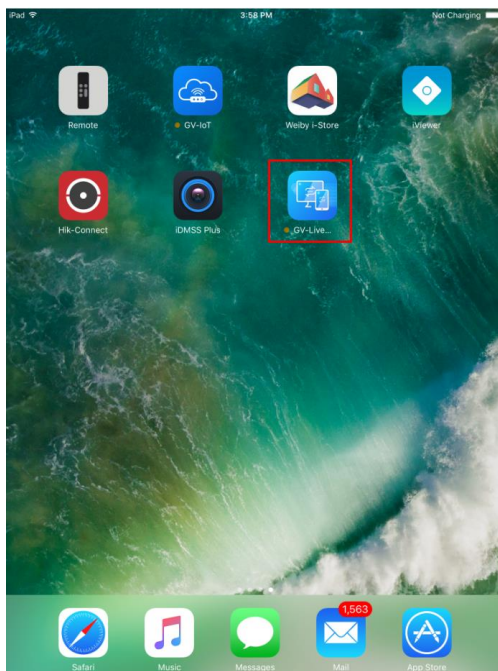


### 3. Getting Started

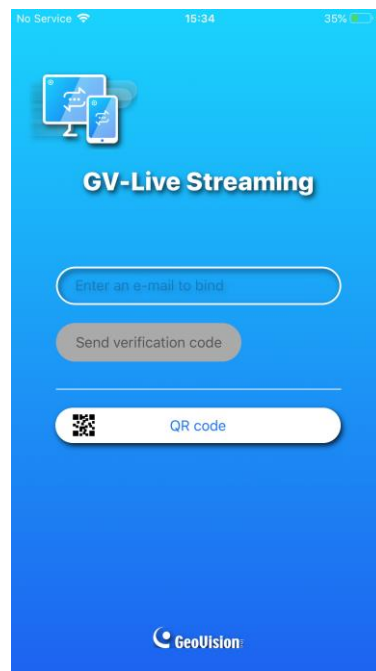
You can download GV-Live Streaming from the **App Store** or **Google Play** and install the application.

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**.



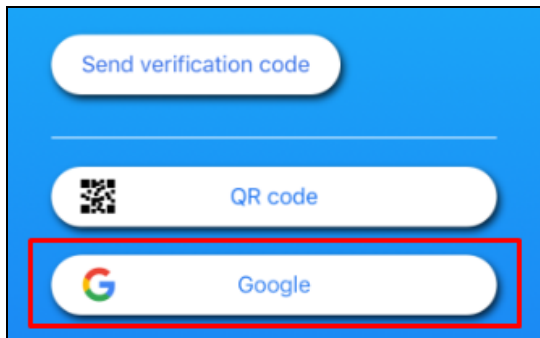
## Binding with Google

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**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.

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### 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](#).
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### 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.

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

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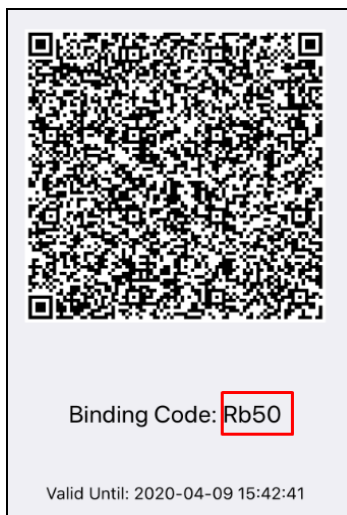
#### Part 1: Acquiring Binding Code

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








DEVICE INFORMATION	
Display Name	iPad min
CAMERA SETTINGS	
Video Resolution	Low >
ACCOUNT MANAGEMENT	
Account	geovision.fae.demo@gmail.com >
OPEN SOURCE SOFTWARE LINCENSES	
License	>
VERSION	
GV-Live Streaming	V1.0.2(2020070901)

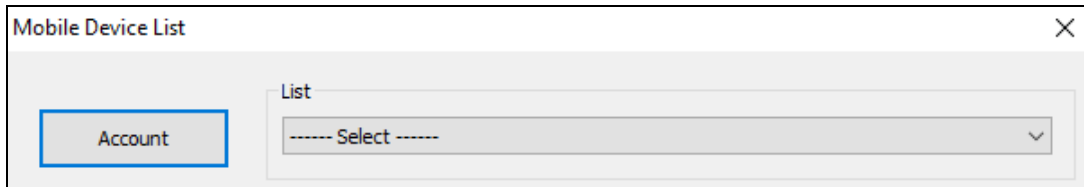
2. On the Binding Code page, take note of the **Binding Code** to be used for connecting to GV-VMS, within its validity period.



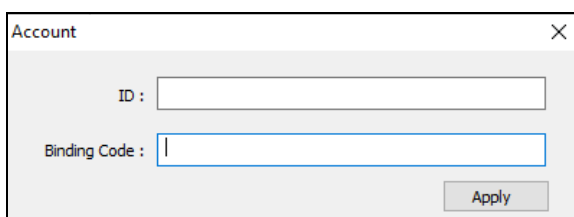


## Part 2: Binding GV-VMS

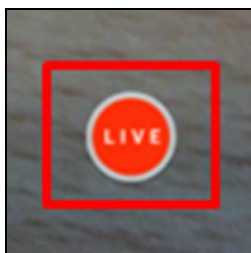
- On GV-VMS, click **Home**  > **Toolbar**  > **Configure** , select **Camera Install** and click **Add Camera** .
- Click the **Mobile** icon  next to **Server IP**. This dialog box appears.



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



- Type the e-mail account bound to GV-Live Streaming as the **ID** and the **Binding Code** from Step 2, and click **Apply**.
- Select the GV-Live Streaming device from the dropdown list to add it to GV-VMS.
- 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).



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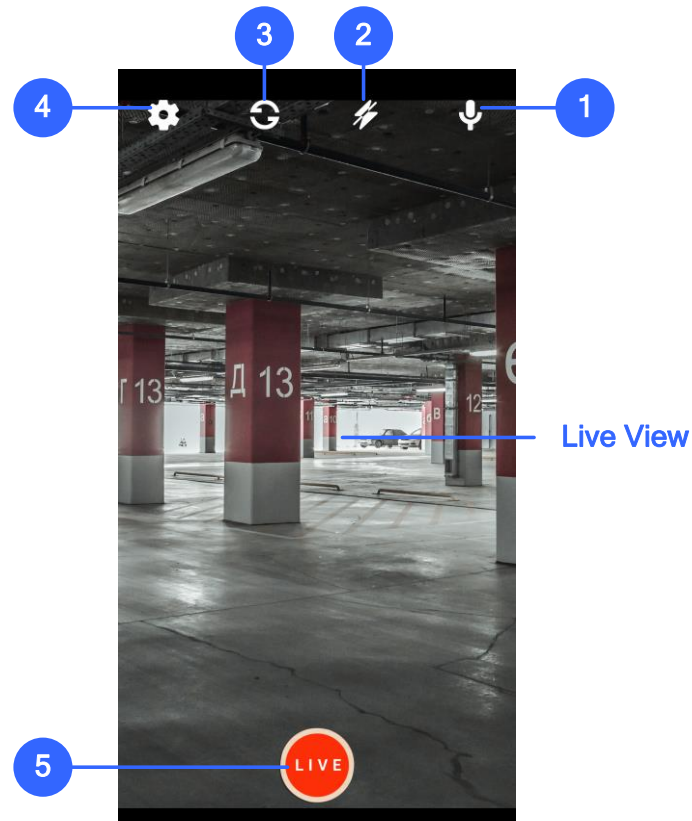
**Note:** Optional purchase of a GV-Live Streaming License is required to remove the watermark of Trial Version. See [5.1 Purchasing GV-Live Streaming License and Unlocking Trial](#).

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### 3.2 Main Page

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



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 <b>Settings Page</b> of GV-Live Streaming, see 4. <i>System Settings</i> .
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

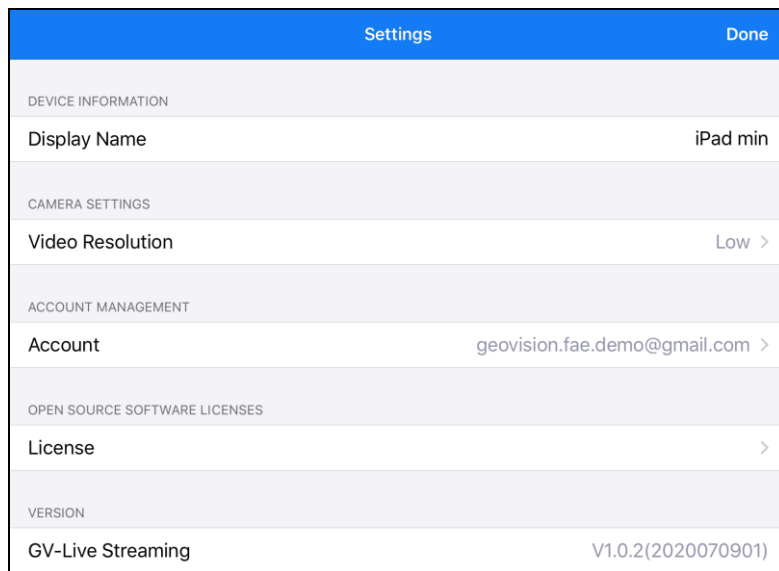
Once your GV-Live Streaming is connected a GV-VMS, you can adjust the live view image to be streamed to GV-VMS through the following options:

- **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.

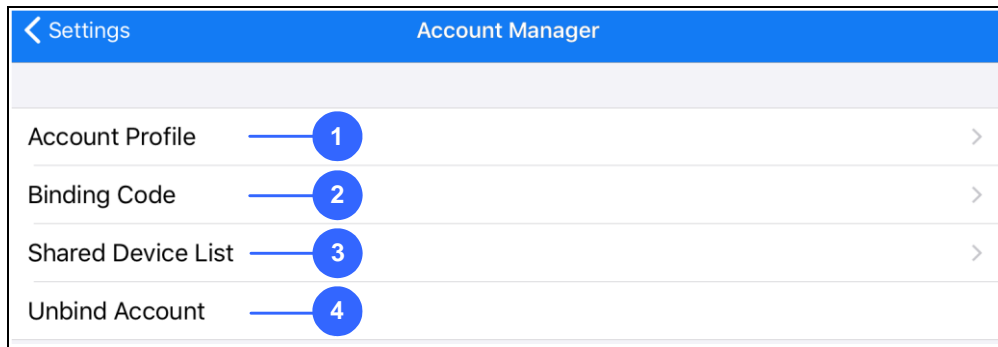
### [VERSION]

- **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 <i>Viewing and Purchasing Relay Data</i> .
2.	Binding Code	Tap to display the following: <ul style="list-style-type: none"> <li>• A QR code for sharing the account's data to other mobile devices. See 5.3 <i>Sharing Relay Data</i>.</li> <li>• A <b>Binding Code</b> for connecting to GV-VMS, see 3.1.2 <i>Connecting to GV-Software</i>.</li> </ul>
3.	Shared Device List	Tap to display all devices currently using the data of the GV-Relay account logged in. See 5.1 <i>Purchasing GV-Live Streaming License and Unlocking Trial</i> .
4.	Unbind Account	Tap to log off the GV-Relay account.



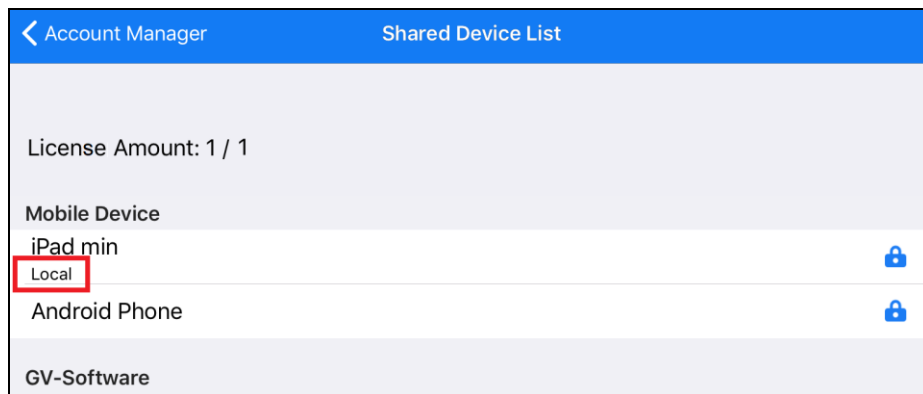
## 5.1 Purchasing GV-Live Streaming License and Unlocking Trial

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.

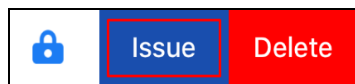


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**Note:** The device bound to your GV-Relay account is labeled “Local”. Shared devices can be added by sharing the data from this device. See [5.3 Sharing Relay Data](#).

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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

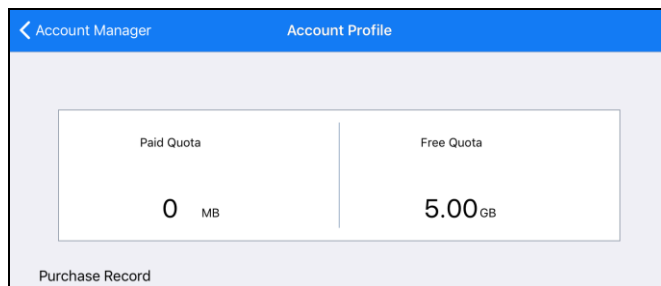
To remove the GV-Live Streaming License from a device, swipe the device and tap **Revoke**. You can issue the removed GV-Live Streaming License to another device by following Step 2 in [5.1.1 Issuing GV-Live Streaming License to Device](#).



## 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

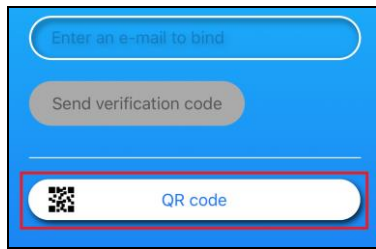
The data of a GV-Relay account can be shared to other mobile devices for GV-Relay streaming from those devices. To share the data from device A to device B, follow the steps below:

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**.