



More video, less bandwidth

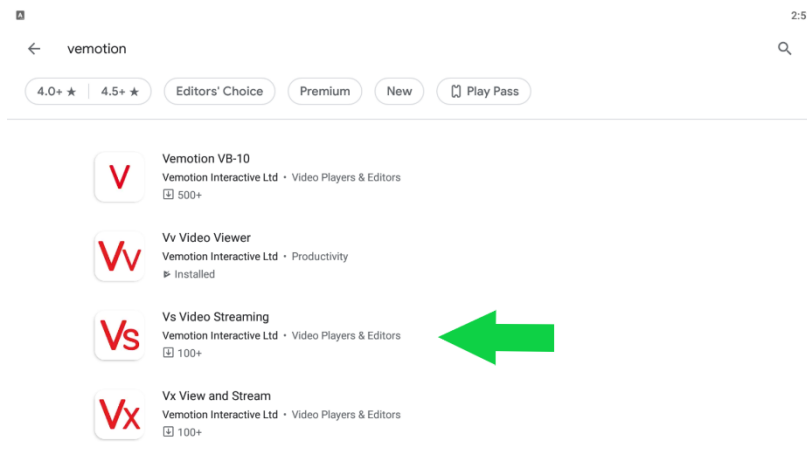
Version 1.0

Build 34

Updated 10/05/2021

Vemotion Video Streaming – Android Application

1. Download the 'Vs' Application (Vemotion Video Streaming) from the play store on your android device.



2. Once the app is downloaded select the Vemotion streaming application on your device, the icon will appear as a 'Vs' symbol.
3. Your Vemotion streaming app will open onto your login screen where you will need to enter the server details as well as encoder ID. Once you have logged in for the first time your application will remember these details for you.

A screenshot of the Vemotion app login screen. The screen is titled 'Servers' and contains the following fields and options:

- Server Name**: A text input field.
- No Encryption**: A dropdown menu.
- Server Port**: A text input field with the value '8000' and a hint 'E.g 8000 or 8001'.
- LOGIN**: A section header.
- Encoder ID**: A text input field.
- Automatic Login**: A checkbox.
- SIGN IN**: A red button.

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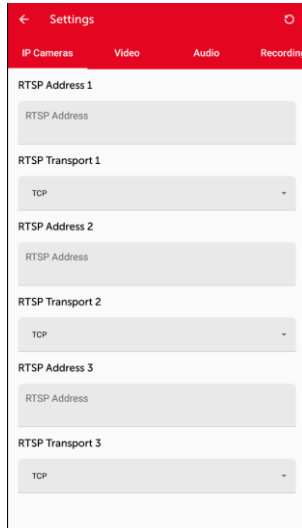
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4. In order for your Vs (Vemotion video streaming) to begin streaming you will need to add it to the Vemotion Streaming Server. The new encoder / streamer will then be available to view in your Vemotion viewer.
5. Once you have logged in your Vs application will automatically begin streaming and you will be welcomed with the screen below. While streaming from this screen you can select a variety of profiles depending on whether you would prefer a higher quality image of perhaps to be using lower bandwidth. There are several other options you can edit from this screen.
 1. Close window / Logout
 2. Screen Mirroring - Allows the viewer to see your full screen.
 3. Connect / Disconnect your session.
 4. Run application in the background.
 5. Set resolution and frames per second. – Select from a list of pre-set profiles. (You can create these profiles in your Vemotion Encoder.)
 6. Settings
 7. Camera Settings – Lock focus / Auto focus
 8. Switch camera – Front & back are standard. You are able to connect external cameras, example a USB camera if you choose.
 9. Turn torch on / off.
 10. PTT – Push-to-talk
 11. Snapshot– Takes a snapshot of the video.

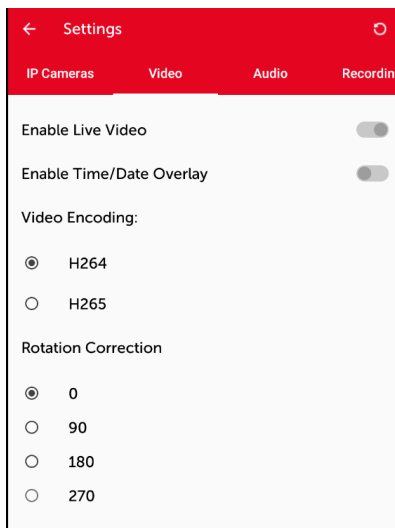


6. Clicking on the three vertical dots in the top right of the screen opens your settings menu.

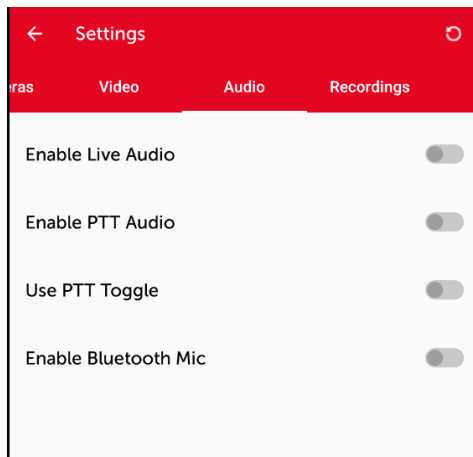
7. The first tab on this menu is the IP Cameras tab. This allows you to connect to an IP camera and stream it as if it were connected directly to the android device. You will only be able to stream one of these cameras at a time.



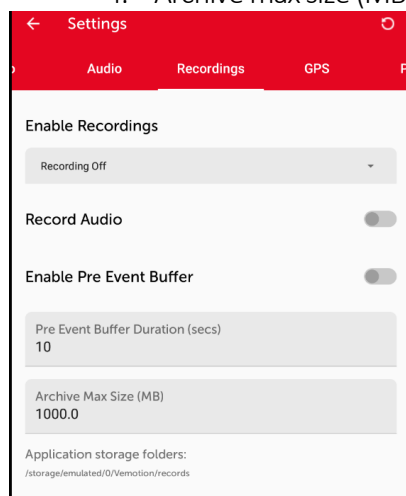
8. Video Tab – In the video tab you can select the following options.
 1. Enable / disable live video.
 2. Enable time / date overlay. (When enable this will show the date & time on your video feed.)
 3. Select video encoding H264 / H265. H264 is set as default, if your device is able you may change this.
 4. Camera rotation – Camera rotation is automatic on device rotation however may need to be set for devices that do not rotate.



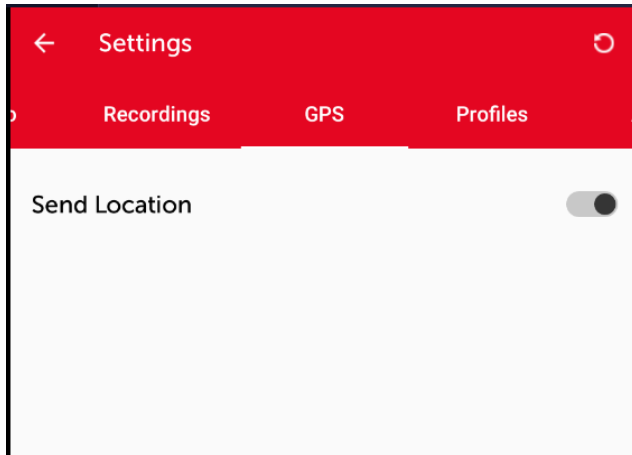
9. Audio Tab – In the audio tab you can enable / disable the following options.
 1. Enable live audio – This feature allows live audio to be sent with your video stream.
 2. Enable PTT audio – Enables PTT (push to talk) with a single on-screen activation button.
 3. Use PTT toggle – Sets PTT as active allowing you to talk without holding the screen button down until you switch the toggle into the off position.
 4. Enable Bluetooth mic – enables the user to connect to an external Bluetooth device for the audio feed.



10. Recordings Tab – Set the following recording options.
 1. Enable recordings - This can be set to “off”, “user controlled” or “always recording”.
 2. Record audio – enable /disable recording of audio on your feed.
 3. Enable pre-event buffer – This allows you to set pre recording times when an event is triggered to ensure you capture all the needed footage. You can set the pre-event buffer time once you have enabled this feature.
 4. Archive max size (MB) – This should always be at least 1000MB or higher.

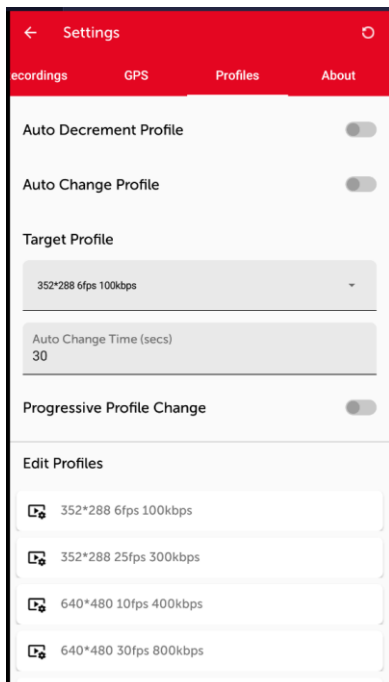


11. GPS Tab – Enable / disable device location.

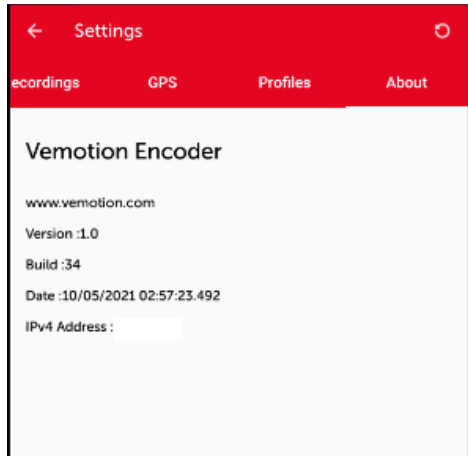


12. Profiles Tab – Allows you to set the following resolution options.

1. Auto decrement profile - Automatically reduces the data usage if it does not fit within the bandwidth allowance.
2. Auto change profile - Waits a period of time after using a camera and reverts it to a profile that uses less data for when the user is not actively watching the stream. This option is also able to automatically increase the resolution to a higher profile if you have been on an auto decrement due to an incident or lack of bandwidth.
3. Target profile - This allows the user to set the desired default resolution and frames per second. The streamer will attempt to stream at this quality unless it is restricted by the bandwidth allowance.
4. Progressive Profile change – This will allow the streaming to increase data usage until it reaches the desired quality.



13. About Tab – This tab includes details of the encoder such as the version, activation date and IPv4 address.



14. Reset Settings – The Vemotion video streaming application receives all its settings from the Vemotion Streaming Server. If you have changed the configuration in your Vs application and would like to reset them to the original settings provided, click on the reset settings circle in the top right of your settings window.

