

FG91 Fastream – Quick Start Guide

App V.1.7.4

Release – 19/05/2026



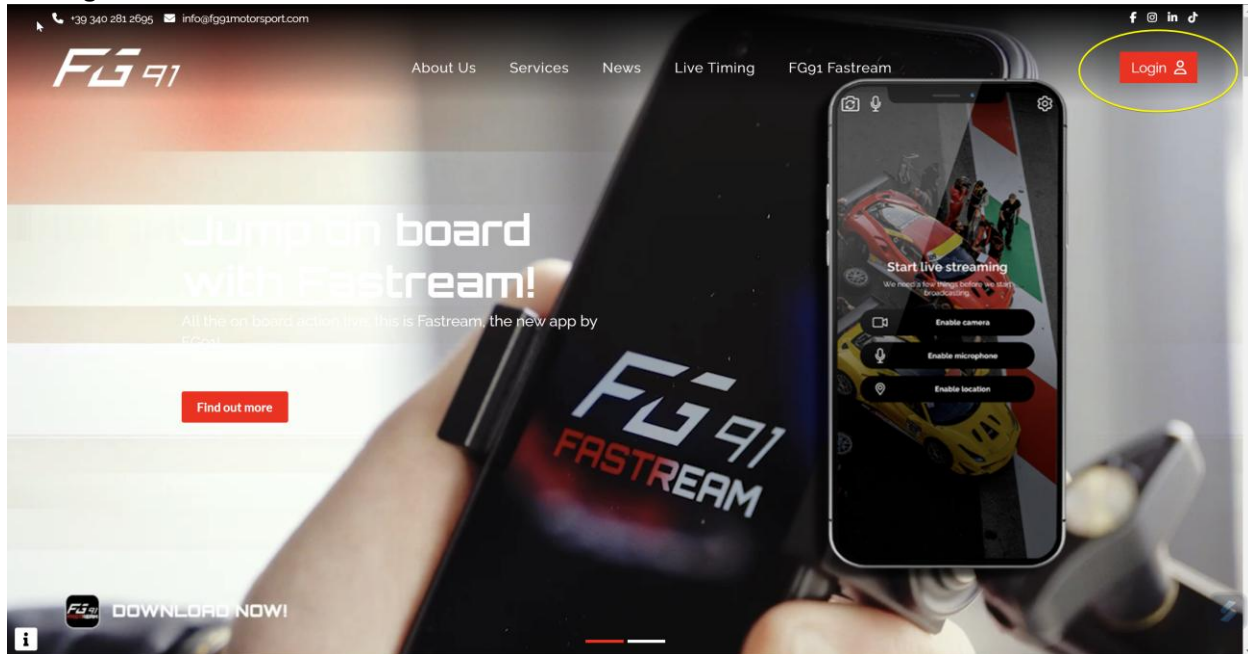
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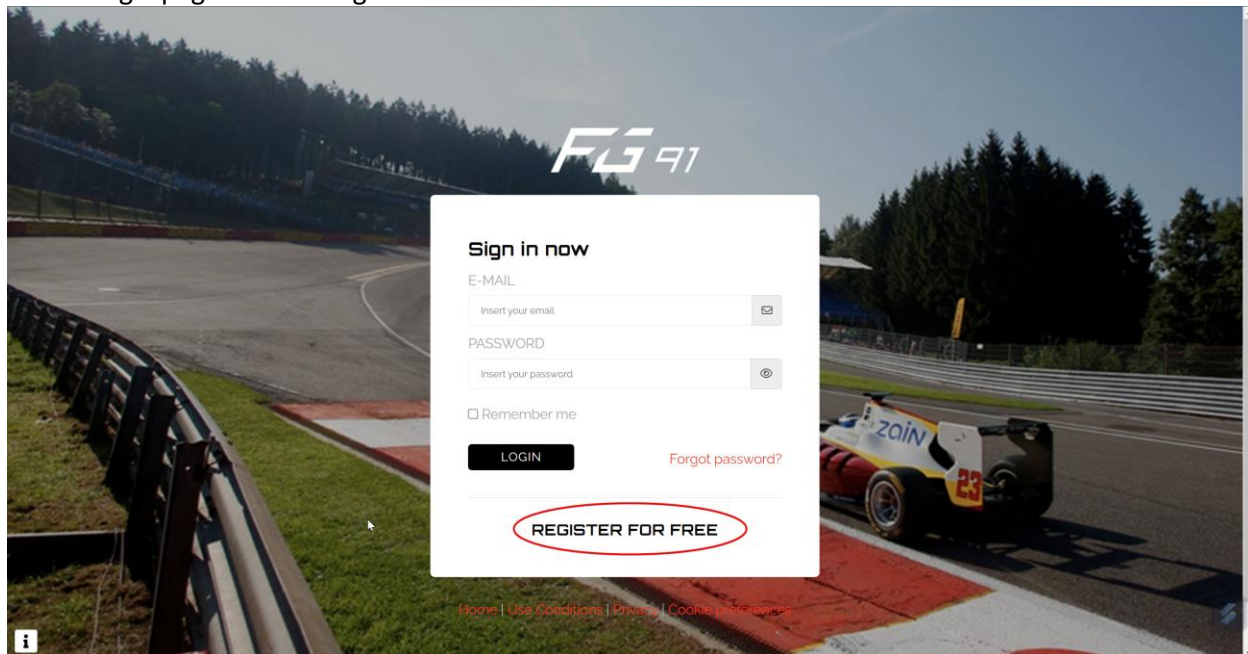
Setting up the User

Creating a new user

To create a new user, visit the [registration page](#) or visit the fg91motorsport.com home page and click on the Login button



On the login page click on Register for Free link



Here you can enter all of the required data, either as a Private or as a Company

Sign in for free

Do you already have an account? [Sign in now](#)

Register as Private

Register as Private

Register as Company

Email *

Conferma Password *

Surname *

Postal Code

Agrigento

Phone

Name *

Address and civic number

City

Italy

Fiscal Code

☐ I confirm that I have read and understood the [Platform Use Conditions](#)

☐ I confirm that I have read and understood the [Privacy Policy Platform Users](#)

☐ I confirm that I have read and understood the [Privacy Policy](#)

☐ I request to activate the free trial

☐ I agree to receive the newsletter

REGISTER NOW

After you entered all of the required data you will be prompted to confirm your email address and to choose a username. You can change the username at any time in your profile settings.

Notice to unverified users

Verification is required in order to continue using your account.

SEND VERIFICATION CODE

FG91

Welcome to FG91

Select your username

Test-Username

✓ Username free, you can proceed!

CONTINUE

Activate your subscription

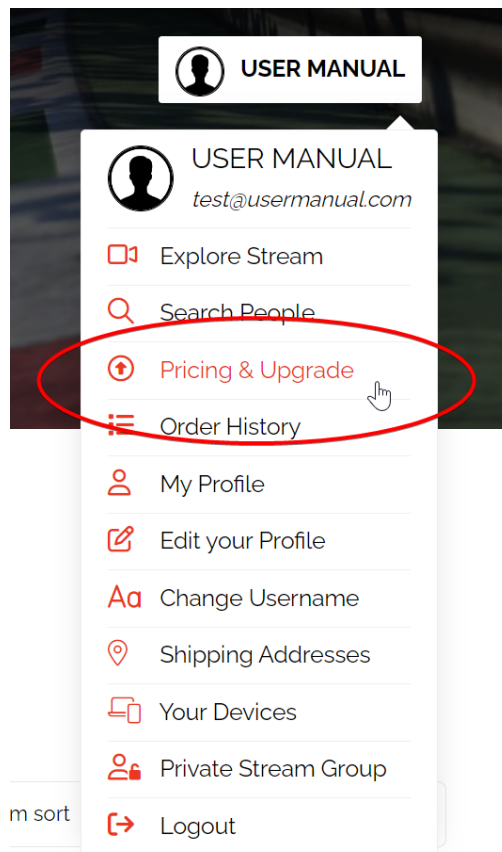
To be able to start a live stream you will have to upgrade your subscription to a “PRO” or “TEAM” plan.

NOTE:

For the best offers and a variety of payment method options, we highly recommend contacting your **local dealer** or representative. They will be able to provide you with personalized assistance and ensure that you receive the most suitable options for your needs. We advise against solely relying on the website for purchases, as it may not offer the same level of service and flexibility.

To purchase the subscription online:

once logged in with your credentials you can hover over your username to show the user menu. Here you will find **Pricing & Upgrade**



Here you can select to upgrade your account to be able to stream your video feed.

"PRO" account upgrade

After clicking on "Upgrade now" you will get the order details, where you can proceed and activate your new subscription.

You will need to fill out all the data necessary for the invoice! If some information is missing, you will not be able to complete the purchase

You can edit your details by clicking [here](#).

FG91 About Us Services News Live Timing FG91 Fastream **USER MANUAL**

Your billing information (billing)

USER MANUAL
24 USER MANUAL STREET
20017 - RHO (MI)
Phone
Tax ID code: MNLUSRM4A16F205K
Edit your details

Delivery address (shipping)

USER MANUAL ★
24 USER MANUAL STREET - 20017 RHO (MI) - Italia -
Add or change shipping address

Shipping options

☒ Standard courier delivery ** FREE

Payment method

☒ Advance bank transfer FREE
☐ Credit card / Paypal
 FREE

Do you need help?
Contact us, our operators are at your disposal
BACK TO CART

Total € 1.400,00
Free shipping
PROCEED WITH THE ORDER

After entering your information click on **UPDATE** to save the changes and continue to the order

FG91 About Us Services News Live Timing FG91 Fastream **USER MANUAL**

CONTINUE THE ORDER

Change Password

Email: test@usermanual.com Channel name: test-username-1 **UPDATE**
New Password*: New password Confirm password*: Confirm password

Edit data

Avatar 500x500 image format formats supported only JPG or JPEG

Cover formato dell'immagine 1920x500 formati supportati solo JPG o JPEG

Name* USER **Bio** Bio
Surname* MANUAL

Facebook Facebook **Twitter** Twitter
Instagram Instagram **Linkedin** Linkedin

Billing data

You then can proceed with the payment via PayPal or via bank transfer.

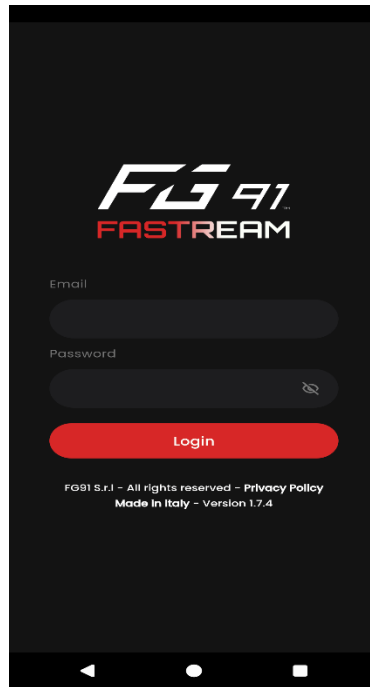
If a bank transfer is selected, you will have to send us an email with confirmation of the transfer so we can proceed in advance to activate your subscription.

For any further information or questions please contact us at: info@fg91motorsport.com

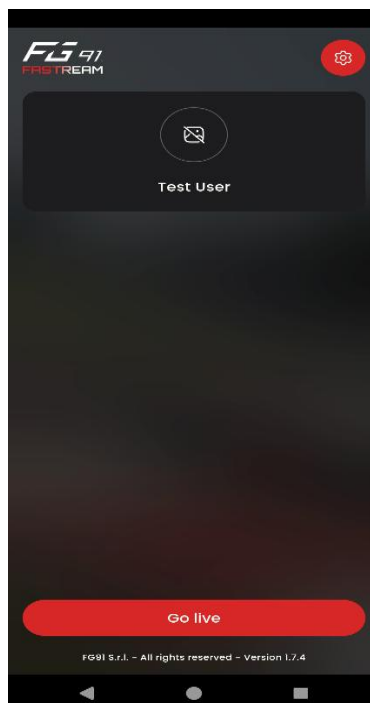
FG91 Fastream APP Setup – HDMI device

How to set up the app for streaming:

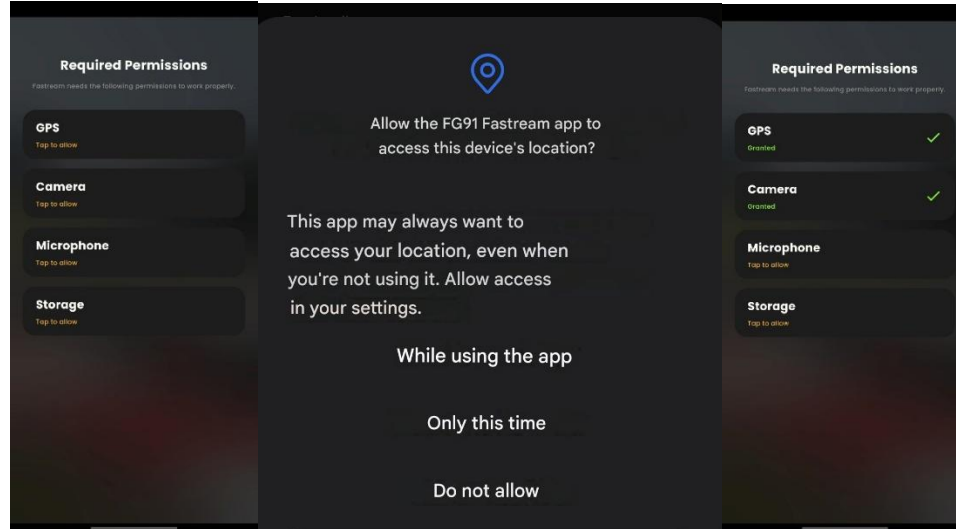
1. Open the FG91 Fastream app, already installed and present on the home page of the provided device.
2. If needed, log in with your user credentials.



3. Click on “Go live”



If it is the first time you are logging into the device, the app will ask you for permission to use GPS, Camera, Microphone and Storage. Please click on every one of these and click “Allow while using the app”



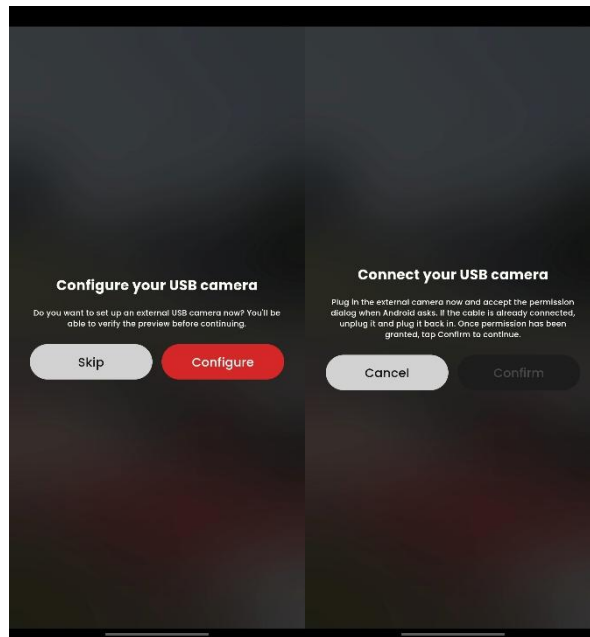
Proceed until you grant permission to everything

4. External Camera Configuration (USB-C Camera Only)

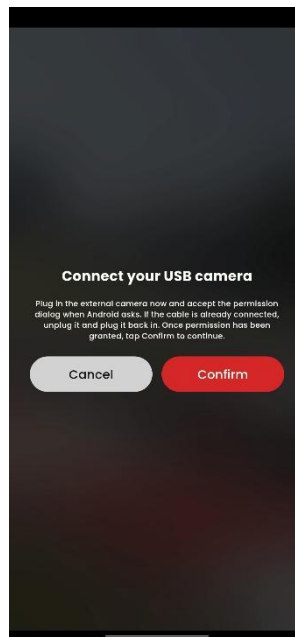
If you plan to use our system with an external camera plugged into the USB-C port of the device please follow this step. Otherwise skip to the next step

Note: This configuration is only needed for USB-C external camera, not needed for HDMI external camera

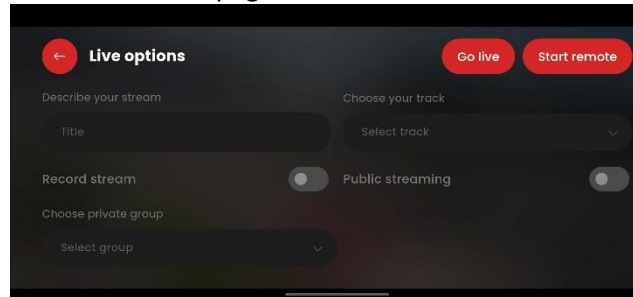
Click on “Configure” and when prompted, connect the USB-C external camera or USB-C external camera converter/adaptor



Once the camera is connected the “Confirm” option will enable, turning red. Once the button is active, click on it to complete the configuration.

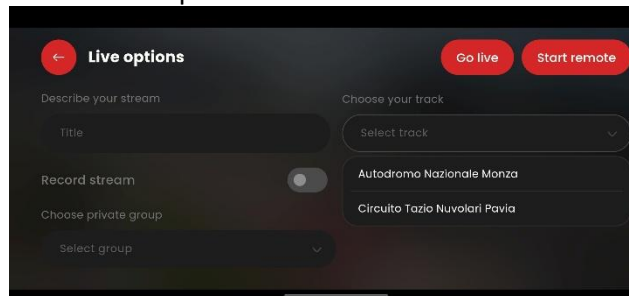


5. You will now be on the “Go live” main page.

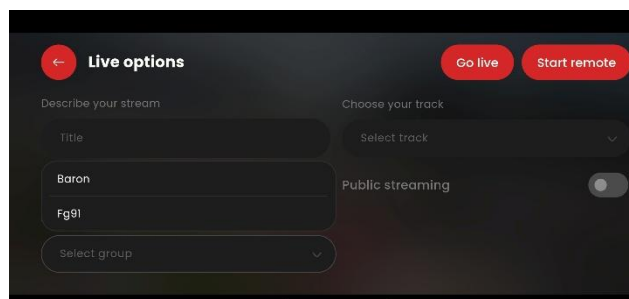


Here you can:

- Describe your stream - Add a title to your stream.
- Choose your track – from the drop-down menu.



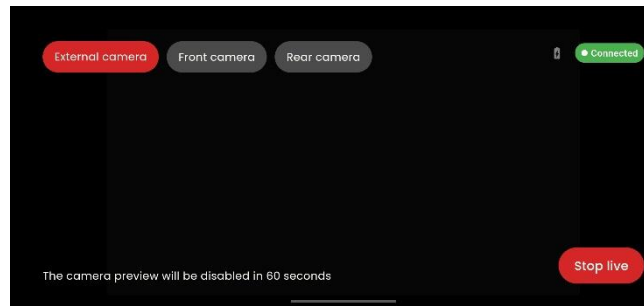
- Record stream – Start Cloud recording automatically.
- Public streaming – The live stream is defaulted to be private; you can change this option by flicking the switch to public.
- Choose private group – If private, you will be able to share your live to one of your private groups.



Now click on “Go live” to start streaming.

6. Once the streaming has started you can select your video feed input source
- External camera – Use an USB-C to HDMI capture card or an external USB-C camera connected to the USB port of the device (not the charging port)
 - HDMI camera – Use the HDMI source as video input.
 - Rear camera – Use the rear camera mounted onboard the streaming device.

When selecting the desired input (except HDMI for the moment) you will be able to see a preview of the video feed for 60 seconds and then the screen will turn black to preserve the battery and keep the device’s temperature low



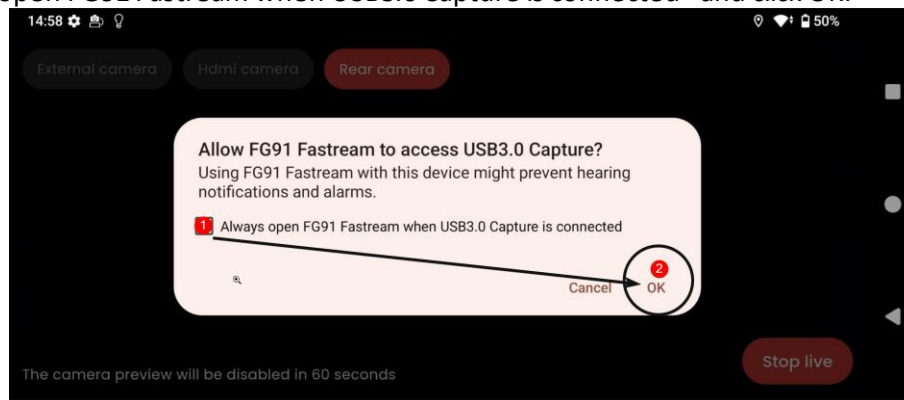
If you want to start the live streaming later on from remote, you can select “Start remote”. See below for further details.

Previous app versions

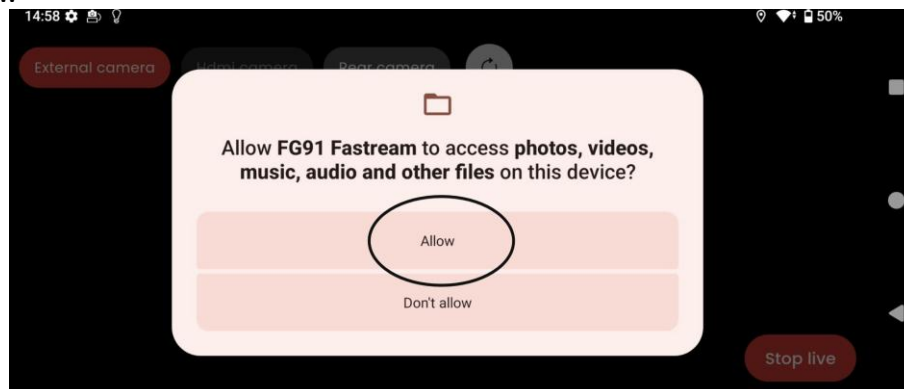
If you are using an older app version, and using a USB-C capture card for the first time, you may be asked to renew your system permissions to allow the system to connect to the USB-C camera/capture card and data.

To do so:

Flag “Always open FG91 Fastream when USB3.0 Capture is connected” and click OK.



Click on “Allow”



AIM SmartyCam 3GP or 3 Dual connection

Follow the instructions in the diagram below to connect the streaming device to a compatible SmartyCam



FG91 FASTREAM®

QUICK USER GUIDE

Content - AIM SmartyCam 3 GP / 3 Dual KIT:

- SDI to HDMI Video converter
- SDI video cable kit
- 2m HDMI cable for video transmission
- 2m USB-C cable for Power Delivery

*NOTE: Make sure to enable the video output from the AIM camera (disabled by default) by navigating to
SETTINGS → VIDEO OUT → SDI 1080@30

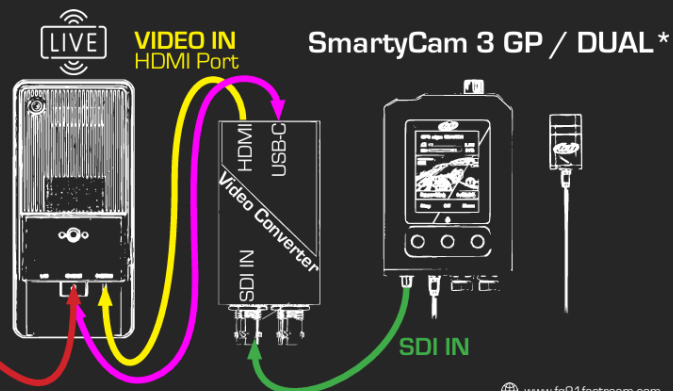
USB-C charging cable

External power supply is optional. The unit operates on the integrated battery; no power bank or dedicated car-to-device or connectors are supplied.

POWER
Connect the external power cable to the CHARGE port



VIDEO CONVERTER POWER
Connect the USB-C cable to the USB-C port marked with the USB logo



FG91 Fastream APP Setup – Standard devices

How to set up the app for streaming:

1. Open the FG91 Fastream app, already installed and present on the home page of the provided device.
2. Click on “Go Live”
 - a. If this is the first time you are using the app you will need to login with your user credentials and afterwards allow the system permission to use the camera, the microphone and the location every time you are using the app.
3. Set the session description and choose the track (optional)
4. Set the privacy setting of the stream; leave the streaming **private** or set it to **public** (see **Private streaming group**)
5. Set if you want the cloud recording to be active from the beginning of the stream. You will always be able to start and stop the cloud recording for the web player (see below).
6. To start the live immediately press “Go Live”. If necessary, in landscape mode, scroll down to show the button and press it.
7. To start the live from remote leave the phone on the live settings page or press “Remote Start” and then start the streaming from the web player (see below)

If you are using the Blackview device choose the **front-facing camera and lock the screen rotation** (In this way it will stay in landscape mode, even with high lateral G-forces).

This option is **defaulted**, if you need to rotate the device in an unusual way or you want to use the main camera you have to click on the respective buttons on the top left corner of the screen.

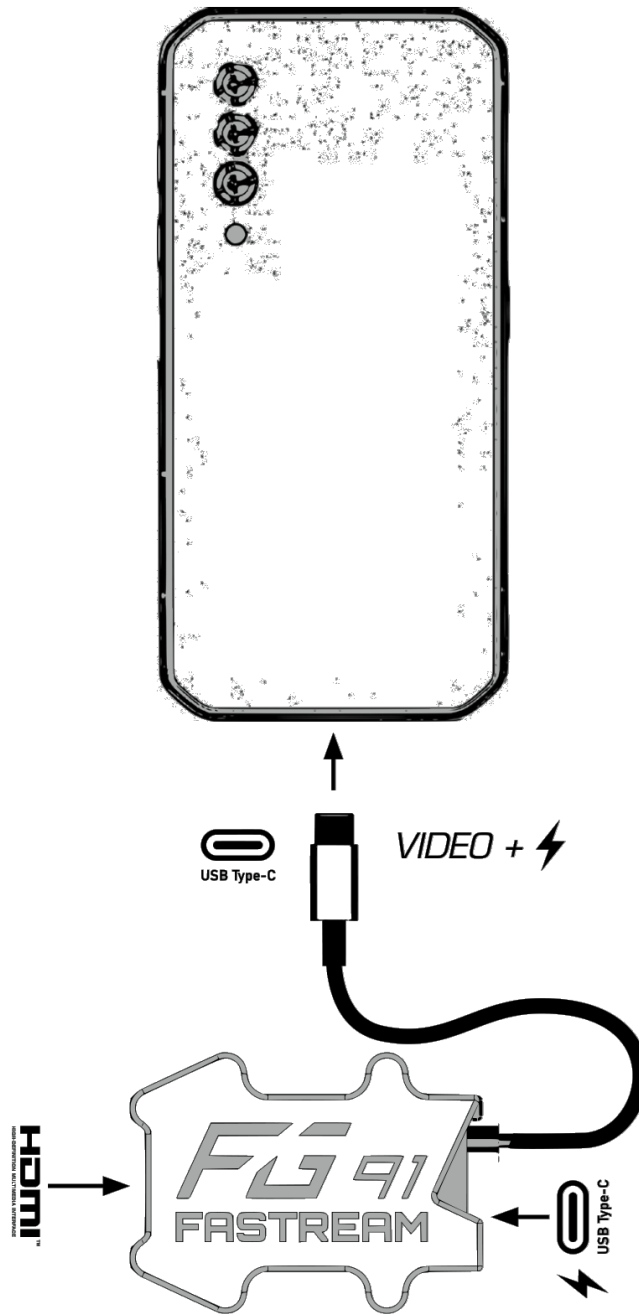
We strongly recommend using the front-facing camera whenever you are streaming since the optical stabilization of many main cameras will not be able to compensate for high frequency vibrations of most racing cars and will give you out of focus images.

External Cameras with non-HDMI devices

If you happen to have a non-HDMI device which got upgraded to the latest app version, please follow the instructions reported above in “FG91 Fastream APP Setup – HDMI device How to set up the app for streaming”

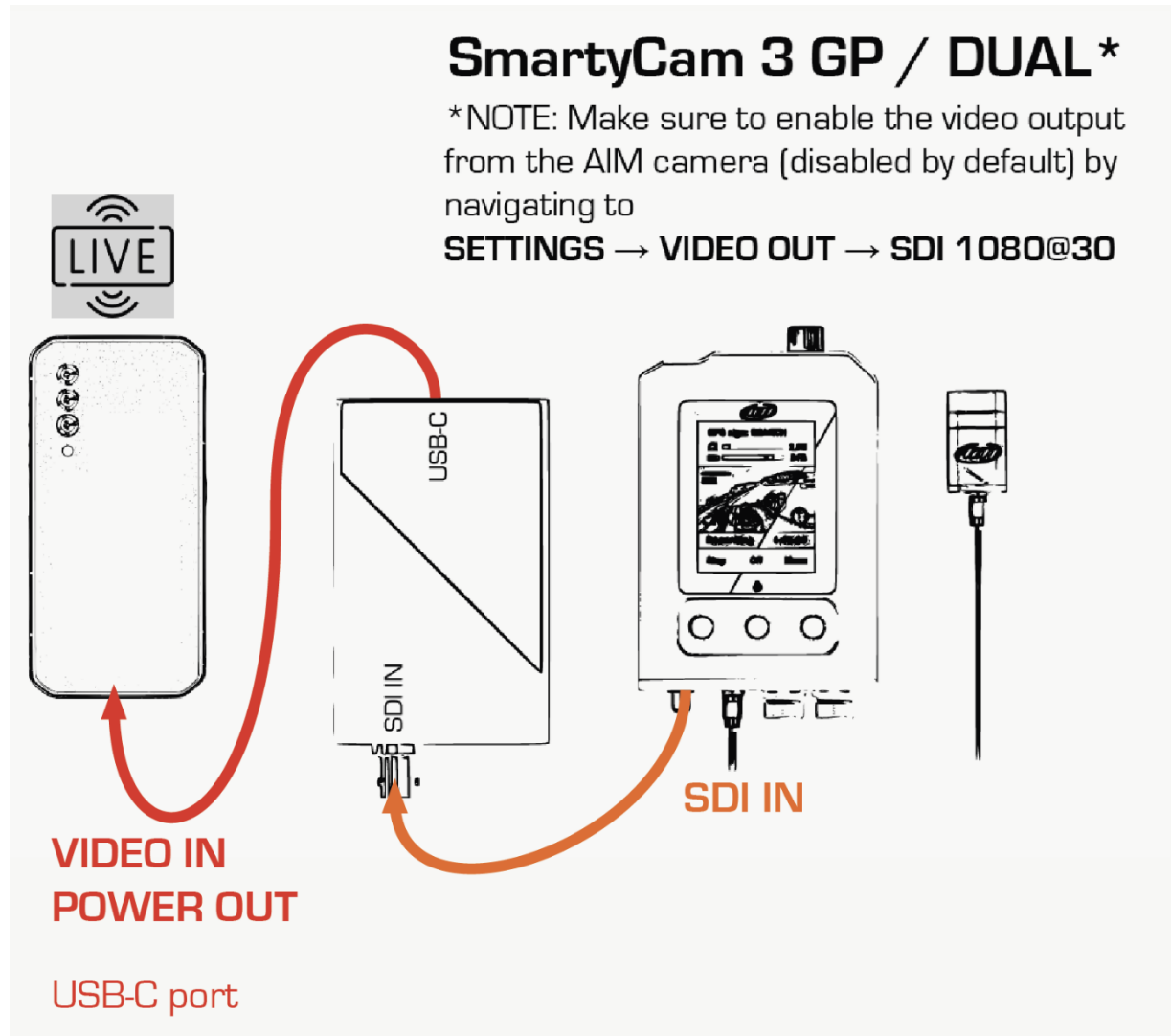
HDMI module upgrade

To connect the HDMI Module correctly follow this diagram



AiM Smartycam upgrade

To connect the Smartycam AiM capture module follow this diagram



Installation of the device



Please use the provided mounting devices to install the streaming system in the car. The hardware has been thoroughly tested in multiple scenarios and is proven capable of holding the device safely in place.



Please make sure the installation is safe and sturdy, we suggest using safety lock wire or zip ties to add an extra safety layer.



Please make sure to always tighten the screw on the device holder, even if the device will not be installed in the car, to avoid it getting loose due to the cockpit vibrations.

If you plan to use the system in official sessions of any championship, please check on the regulations and check with the officials that cameras and live video streaming are allowed!



WARNING! - Motorsport is dangerous - Install the FG91 Fastream KIT at your own risk. If you are not sure about the installation process, contact a professional mechanic for help. If you have any questions, contact us at info@fg91fastream.com

FG91 will not undertake any responsibility for any damage to items or people during the use of any product distributed by FG91 and is not responsible for the usage of any of the distributed products.

FG91 will not undertake any responsibility for the correct installation of any of the distributed products, therefore any issue related to the installation and usage is the responsibility of the purchaser, who must make sure that the products are installed and used safely and correctly.

Keep out of reach of children and domestic animals, these products are not toys.

Do not leave the products and their packaging unattended; they might be dangerous in the hands of children.

FG91 has no collaboration or partnership with any of the manufacturers of the products in the kit sold by FG91. All company or product names are trademarks of their owners. All rights are reserved.

Standard streaming devices

1. Install the streaming device in the holder, making sure the device is securely clamped and no buttons on either side are pressed by the mount.



2. Install the roll cage clamp securely on the roll-cage of the car or in any sturdy and suitable position. We strongly recommend using a ty-rap or zip tie to safely secure the clamp to the roll cage for extra safety. The clamp provided in the kit has a hole, near the clamping bolt, which can be used to route a zip tie through and around the roll cage.



3. Loosen the provided adjuster to point and aim your device to get the correct viewing angle with the front camera and secure it in place. **Always loosen the adjuster whenever you are adjusting**

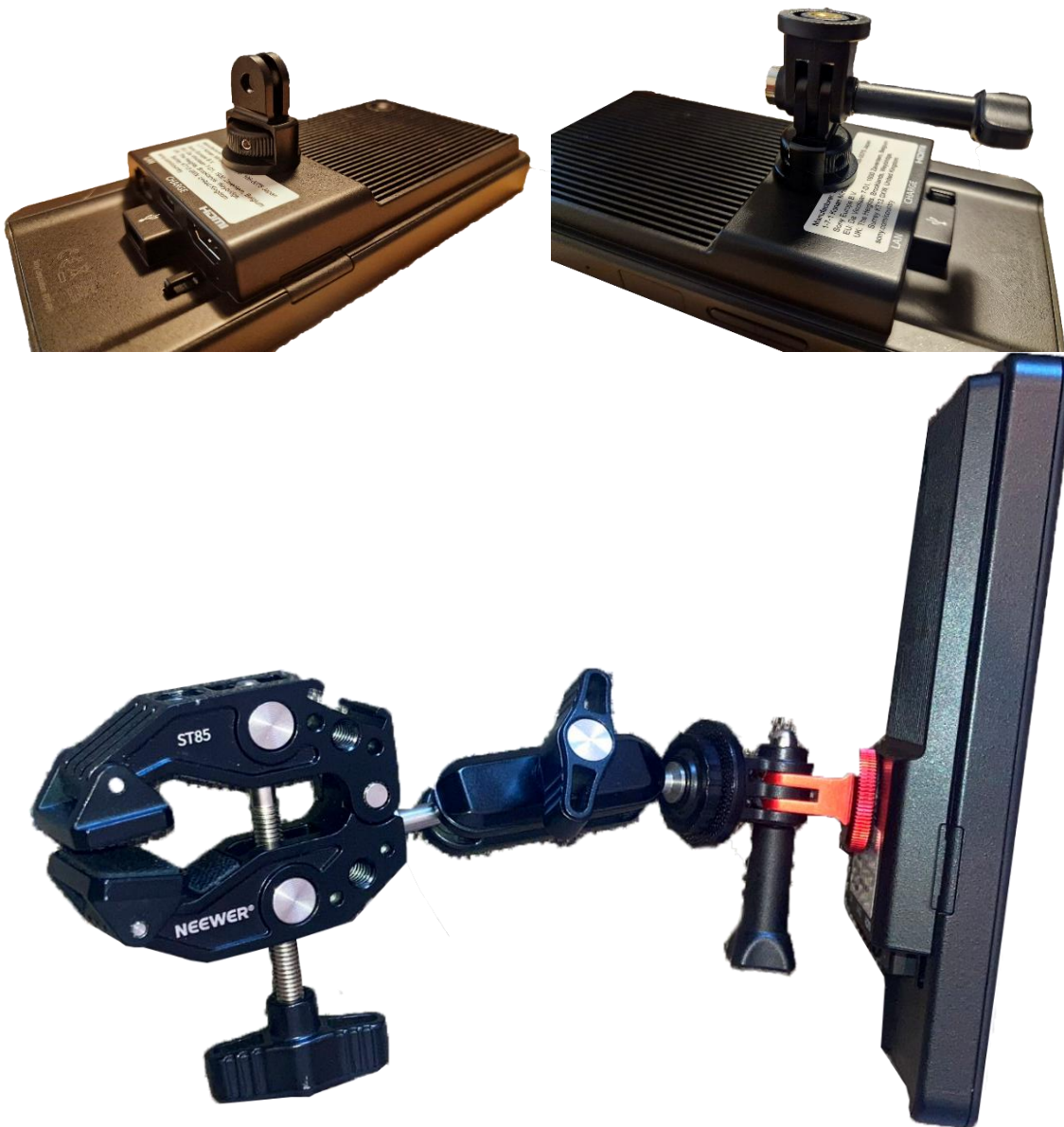
the camera angle. Do not rotate the device without loosening the adjuster as this can result in the device holder unscrewing from the roll-cage clamp and getting loose.



HDMI device

GT Cars

To properly install the HDMI device to your vehicle, we recommend using the provided 1/4" screw to GoPro adapter and roll-cage clamp. Install the roll cage clamp securely on the roll-cage of the car or in any sturdy and suitable position. We strongly recommend using a ty-rap or zip tie to safely secure the clamp to the roll cage for extra safety. The clamp provided in the kit has a hole, near the clamping bolt, which can be used to route a zip tie through and around the roll cage. All of the safety notes and installation guidelines above remain valid.



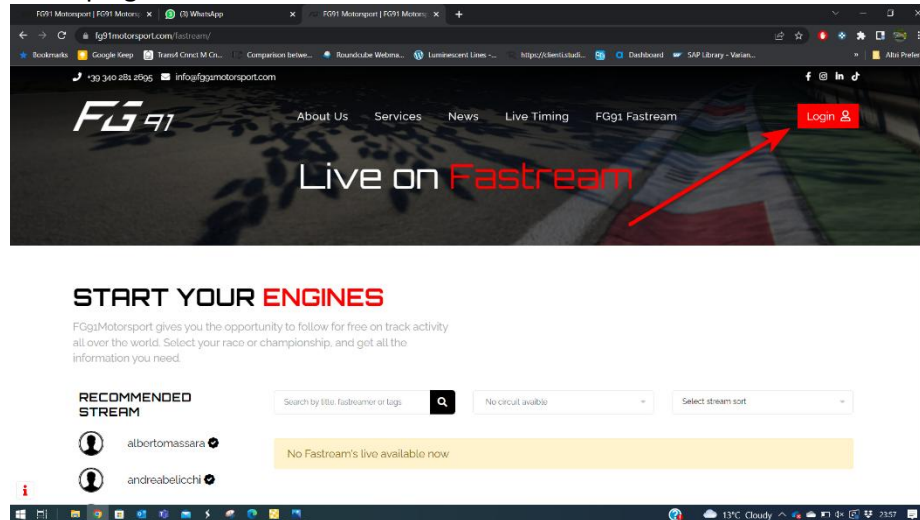
Formula cars

We recommend installing the device between the shock absorbers, as shown in the photos, and securing it with dual lock and zip ties. Make sure not to block the device's air vents with the dual lock. We recommend installing the AvMatrix beneath the AiM unit using dual lock, and following the diagrams shown earlier in this document for the cable connections. Make sure the green LED on the AvMatrix, next to the USB-C port, lights up: this indicates that it is being powered by the device. We recommend routing the cables through the footwell and securing them in place to prevent them from interfering with the driver's feet.



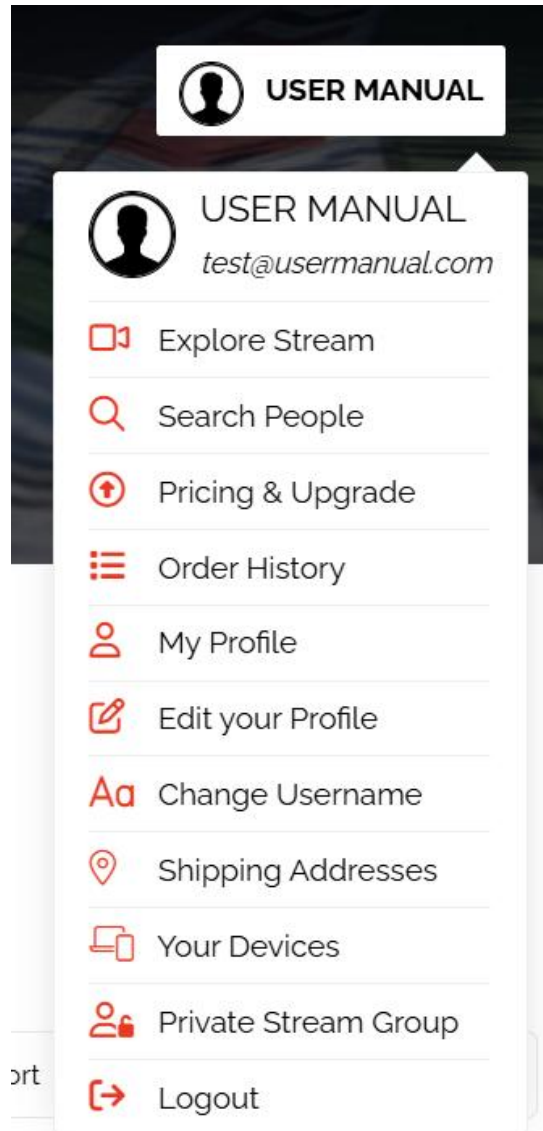
How to watch the streaming

1. Go on <https://fg91motorsport.com/fastream/> with any device of your choice.
2. Click on "Login" on the top right corner.



3. Login with your account credentials
 - a. If the streaming is set to "**Private**" (See FG91 APP Setup) please login with the same credentials of the streaming account or with an **authorized account (see below)**
4. Click on the streaming that you want to see in the FG91 Fastream main screen ("Explore Stream")

In the Top-Right corner, instead of the “Login” button, once you are logged in, you will see a drop-down menu with some functionalities.

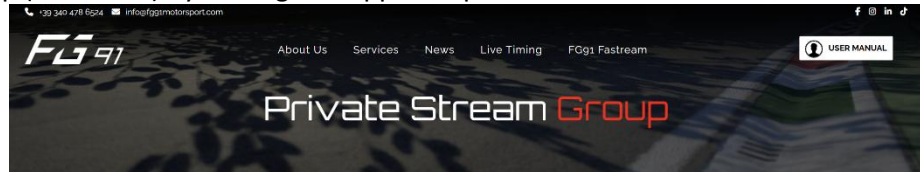


- Explore Stream – Will navigate on the main page, where you can watch all the **Public** streams and the **Private** ones you are authorized to watch.
- Private Stream Group – Here you can manage the different groups of accounts that are allowed to watch your streaming.

How to create and manage a Private Stream Group

On the drop-down user menu navigate to “Private Stream Group”

1. Create a new group (if needed) by clicking on “App Group” and choose its name.

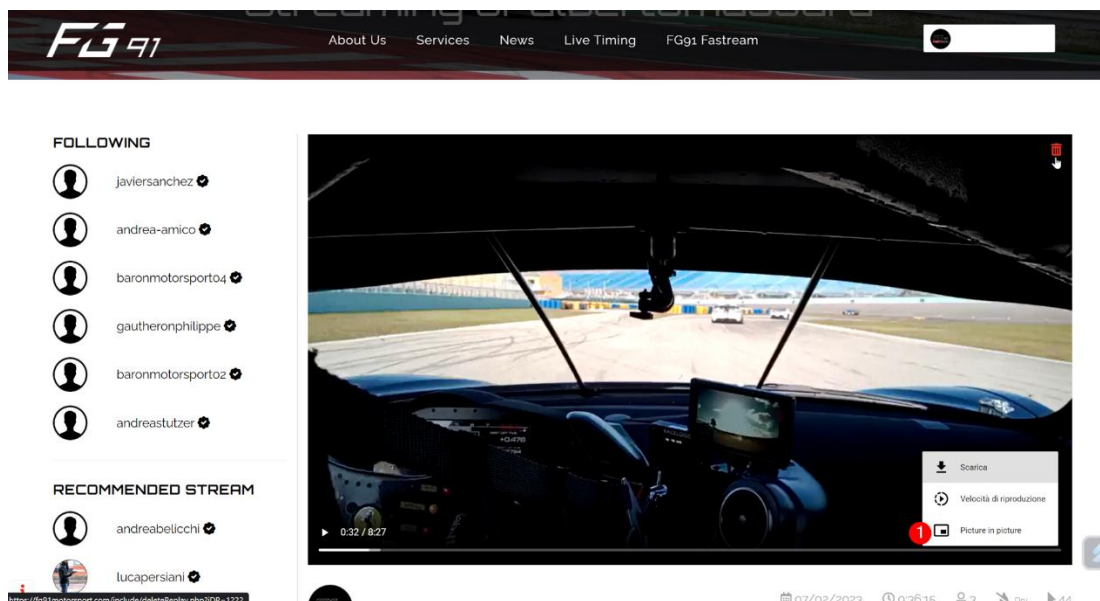


2. Add a new user, indicating its username and its e-mail address to send an invitation.
If the user is already registered on FG91 Fastream it will be invited to join the streaming group. If it is not already registered on the platform it will receive an email with a link to register
Once a user is inserted in a Private Streaming Group it can watch the private live streaming and their cloud recordings.

Player features

Picture in Picture

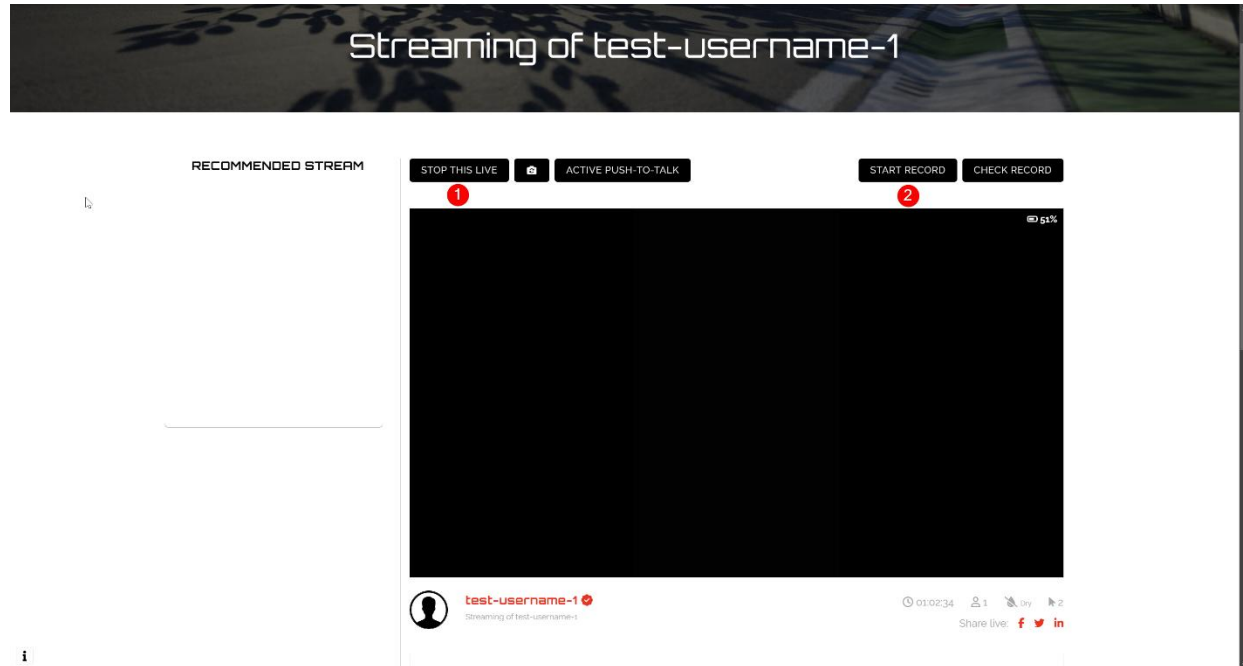
On most devices you will be able to set the player as in Picture-in-Picture mode (PIP). In this way you can have the player as an overlay on other windows or other lives you are watching



Cloud Recording

If you are the owner of the streaming, you can START and STOP the cloud recording feature. On top of the live streaming, you will find two buttons.

Start record



1. STOP THIS LIVE – Stops the current live. The user will be prompted for confirmation.
2. START RECORD – Starts the cloud recording for the current live.

If the START RECORD button is pressed the cloud recording will start. The “privacy” policy for the recording is the same one of the live. If the live is private only the owner or the accounts added in its Private Stream Group can access the live or the recording

Stop record

STOP THIS LIVE

ACTIVE PUSH-TO-TALK

CHECK RECORD

STOP RECORD 1

The cloud service is in progress.

REC 50%

test-username-1

Streaming of test-username-1

01:03:46

1

Dry

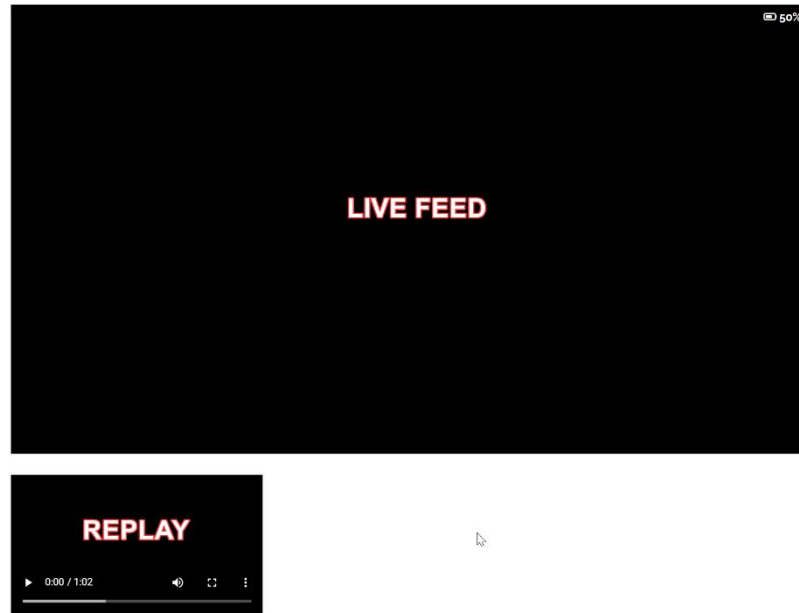
2

Share live:

Once the STOP RECORD (1) button is pressed the user will be prompted for confirmation. As soon as the recording is stopped the file is encoded and sent to Cloud storage and it is immediately available for review.

Instant replay

As soon as the recording is stopped the file is available for review on the bottom of the current live.



In this way you can still watch (and record) the live while reviewing the previous recorded file.

We strongly recommend, if you want to review something while the live is still running, stop the recording and immediately start a new recording.

As an example:

30min session

- 00:00 Start the live
Start the recording
- 00:15 You want to review something that just happened
Stop the recording
Start another recording (for the remaining part of the session)
Review the recorded video scrolling down under the live streaming
- 00:30 Session ends
Stop the recording
Stop the live

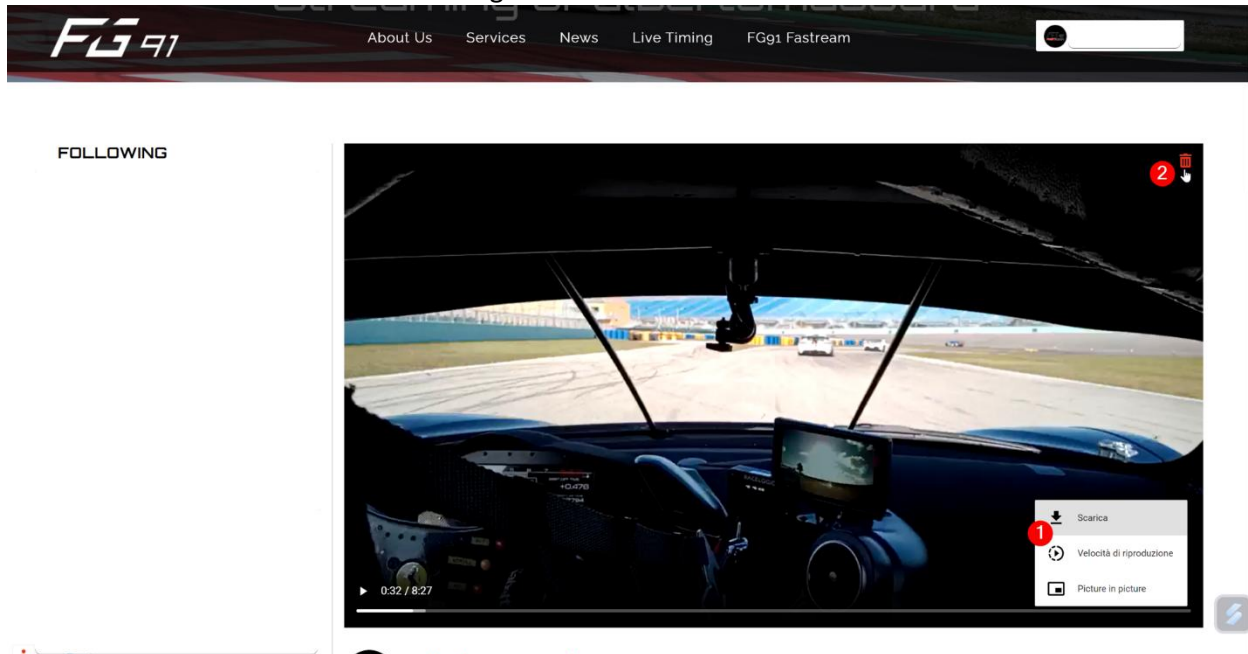
At the end of the session, you will have two recordings stored in the cloud with every moment of the session recorded.

Manage replays

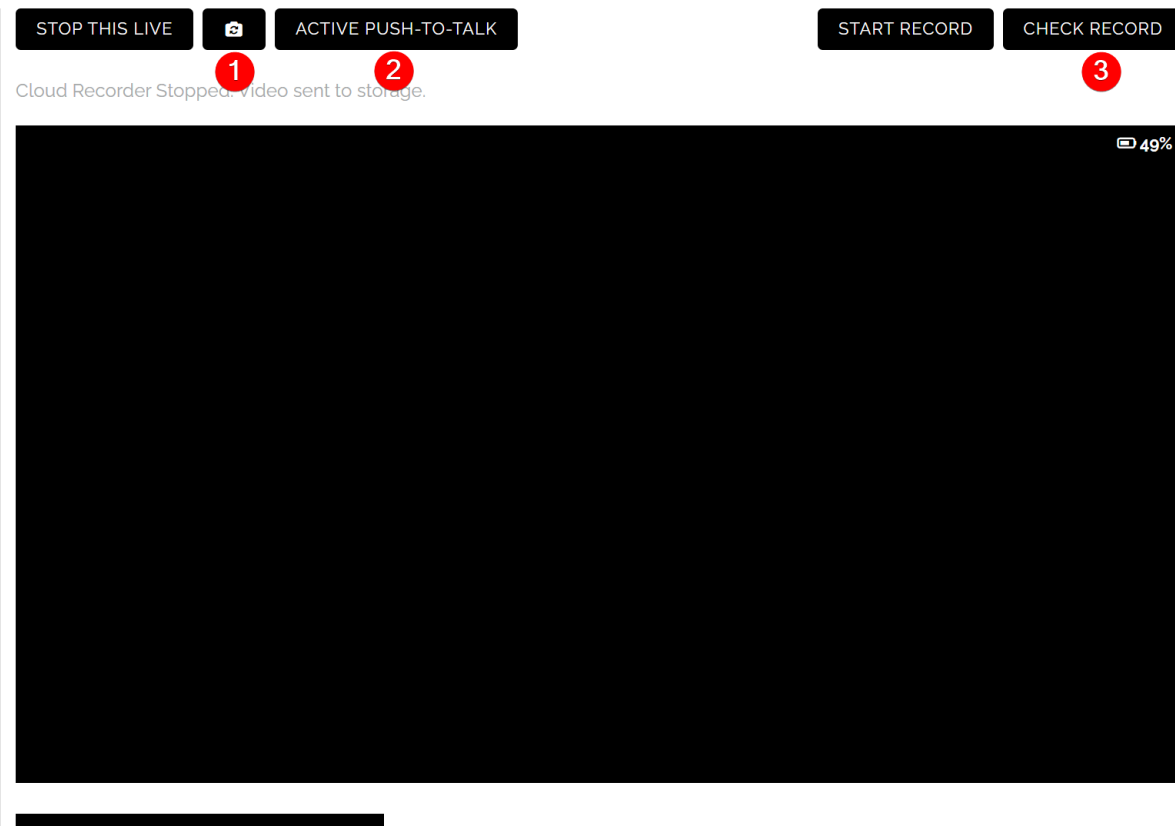
As owner of the replay, you can either:

- 1- Download the video file if you prefer to store it locally.

2- Delete the video file from the cloud storage.



Other web player controls



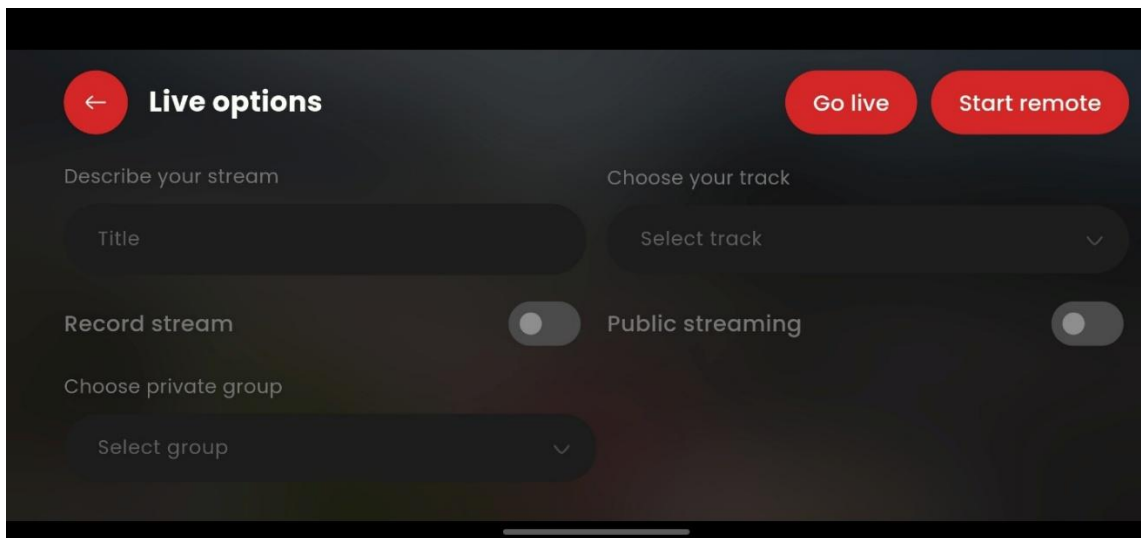
1. Change camera – If you have selected the front facing camera, as suggested, you can switch remotely to the rear camera for a different viewing angle. In some racing cars it is possible to use it like a rear-view camera setup
2. Push-To-Talk (PTT) – by clicking this button, the microphone on the receiving device will be opened and an audio communication will be opened with the device that is streaming the video feed. In this way it is possible to use FG91 Fastream as a push to talk system, or radio. The best-case scenario will be connecting the streaming device inside the cockpit with Bluetooth headphones inside the driver's helmet. In this way he will be able to talk at any time with the team (viewer) and the team will be able to talk with the driver via the push-to-talk functionality on the streaming platform
3. Check Record – Clicking on this button will show the current status of the cloud recording, to make sure it is working correctly, and all the footage is being recorded and stored on the cloud.

Remote Start

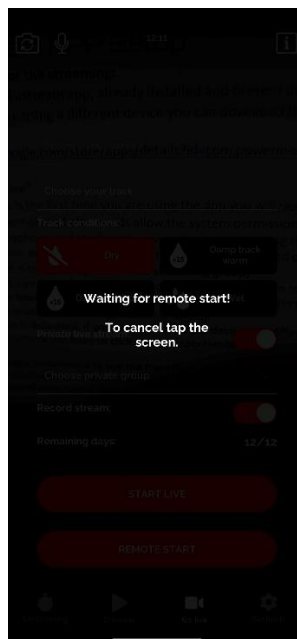
If you set up your device to be in “remote start” mode, you will be able to start the live streaming from the web player.

Streaming Device SETUP

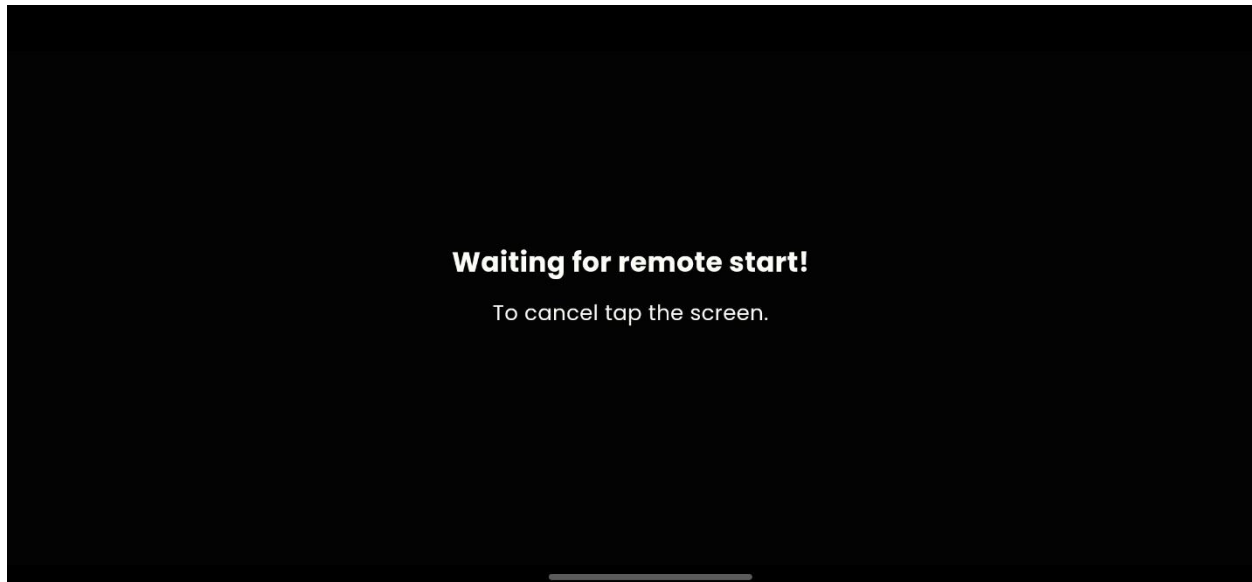
From the app main page, click on “Start Remote”



The screen will look like this
Standard device:



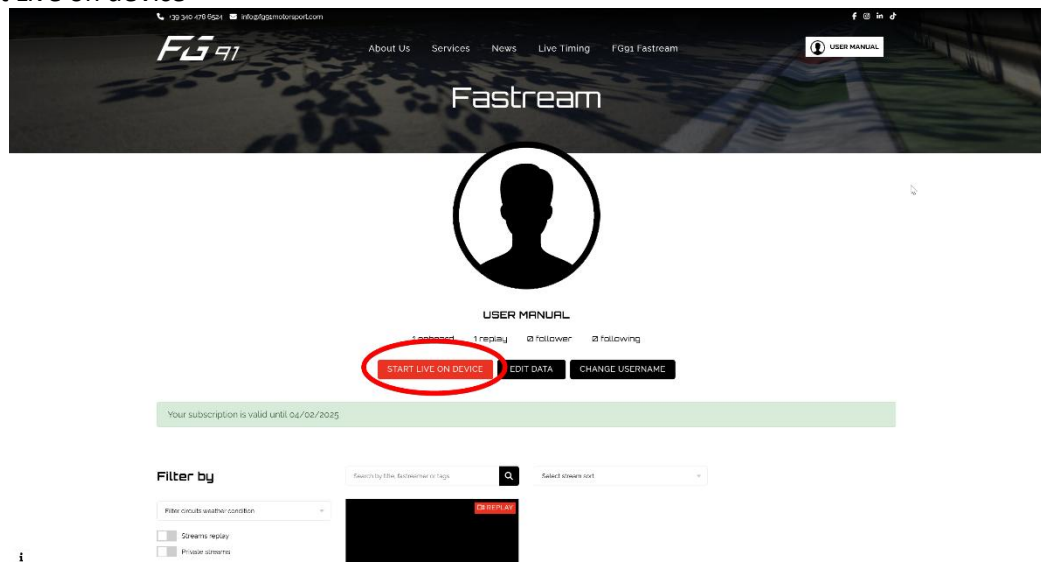
HDMI Device:



Leave the device with this screen on.

Viewing device and remote start

1. On your viewing device, log in with the same user credentials as the device that is streaming.
2. Navigate to your user profile by clicking on your username in the top-right corner (user menu, click on username)
3. Click on "Start Live on device"



4. The button will turn in "Waiting for connection"
5. **Wait 5 to 10 seconds** for the command to reach the device and the live streaming to start.
6. **Refresh the webpage** to see the live streaming.



USER MANUAL

onboard 1 replay 0 follower 0 following

EDIT DATA

CHANGE USERNAME

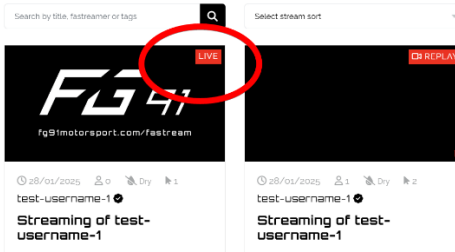
Your subscription is valid until 04/02/2025

Filter by

Filter circuits weather condition

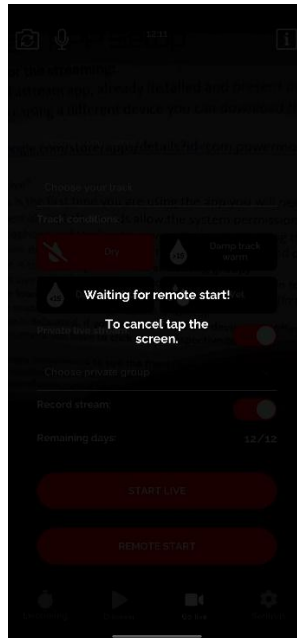
☐ Streams replay
☐ Private streams

REMOVE FILTER

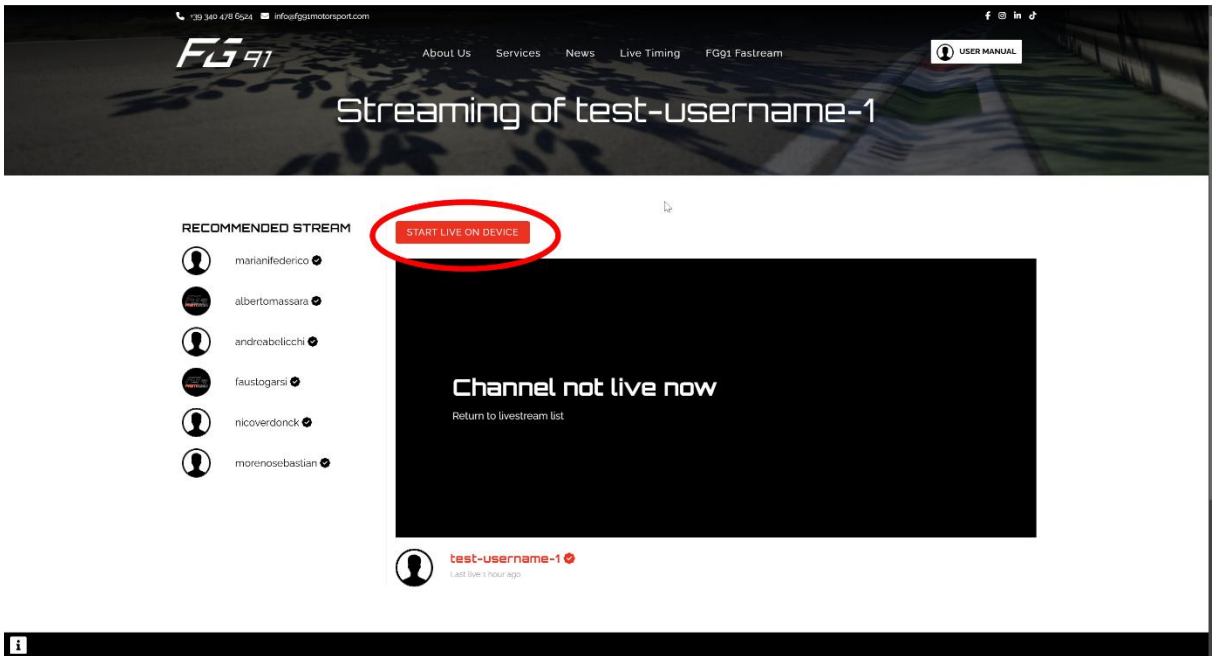


7. Click on the live streaming to start watching it.

If you remotely stop the live streaming, the app will revert in “Remote start” mode automatically so you can start a new live from the web platform.



If you are on the “live” page of the web player, you will find the “Start live on device” button on the top left corner of the player.



Click on the "Start live on device" button and just wait for the page to reload automatically.