LIVE STREAMER CAP 4K

REVIEWER'S GUIDE

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Introduction

This document is your reviewer's guide for the Live Streamer CAP 4K (BU113), why CAP 4K? Well because it can capture 4K high definition video source from a video camera. We have written this guide to provide you with the information you need to quickly and smoothly review the Live Streamer CAP 4K (BU113) and get familiarized with our streaming and capture software CamEngine and Live Streamer.

After a quick introduction of the CAP 4K and who this product is intended for, we will dive into its key features and show you necessary connections you need to make when using the CAP 4K. Then we will continue with system requirements and technical specifications before walking you through CamEngine and Live Streamer user interface and some newly added features. Lastly, this guide will finish with a link to our technical support team and some brief information on AVerMedia's background.
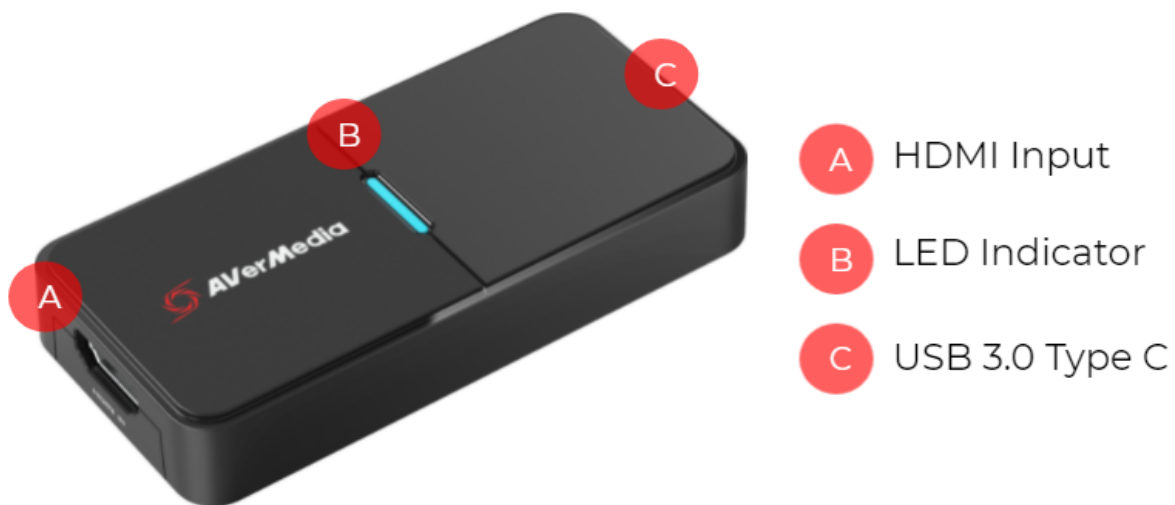
Thank you for taking your time to review and to try out our newest capture device, we hope you enjoy it as much as we enjoyed making it. If you have any questions, suggestions on our products or need any further editorial assistance, please don't hesitate to contact us.

Live Streamer CAP 4K

The CAP 4K is a USB 3.0 Type-C video capture device. It is designed primarily for content creators who want to experience 4K HDR content, while using a video camera as a webcam to create content.

With CAP 4k, simply capture a video from a DSLR camera and camcorder to create the highest video quality contents. It can support up to 4Kp60 (HDR) video input, and record 4Kp30 and 1080p60 (HDR) videos for the content.

The CAP 4K positions itself as a camera and camcorder video capture device which supports most types of DSLR camera and camcorder for all content creators. Bring the highest video quality possible for all creators' needs.

A HDMI Input

B LED Indicator

C USB 3.0 Type C

Key Features

Camera and Camcorder Video Capture

More and more creators want to bring the highest video quality possible to the audiences, Live Streamer CAP 4K can support uncompressed 4Kp60 video input to unleash the power of all video cameras and camcorders.

Record 4Kp30 Video

Easily record 4Kp30 uncompressed video. Creators can have the highest video quality for their contents without any complicated setups.

Plug and Play

WE MAKE IT SIMPLE for all creators. Connect a camera directly to CAP 4K. Without any complicated steps, use the camera for live streaming and video recording.

ePTZ Support

With CamEngine, creators can use ePTZ function, like AI Framing, which will perfectly frame the image from their video sources. In addition, the camera can automatically zoom in for creators while they are speaking.

System Requirements

Windows® 10 x64

- Desktop: Intel® Core™ i5-6XXX + NVIDIA® GeForce® GTX 1060 or above

- Laptop: Intel Core i7-7700HQ + NVIDIA GeForce GTX 1050 Ti or above

- 8GB RAM recommended

MacOS 10.14 or above

- 3.6GHz quad-core Intel Core i7

- Radeon Pro 555 with 2GB of VRAM

- 16GB of 2400MHz DDR4 memory

Technical Specifications

- Interface: USB 3.1 (Gen 1) Type C (plug and play, UVC)

- Input: HDMI 2.0

- Output: USB 3.0 Type-C

- Max Supported Resolutions(Video input): 2160p60 HDR/ 1440p144/ 1080p60

- Max Recording Resolution: 2160p30/ 1080p60 HDR

- Dimension: 94.2 x 45.4 x 16 mm (3.7 x 1.7 x 0.6 in)

- Weight: 44.5 g / 1.5 oz

Installation

1. Use the Type-C to Type-A cable, provided in the box, to connect the CAP 4K to your PC or Laptop

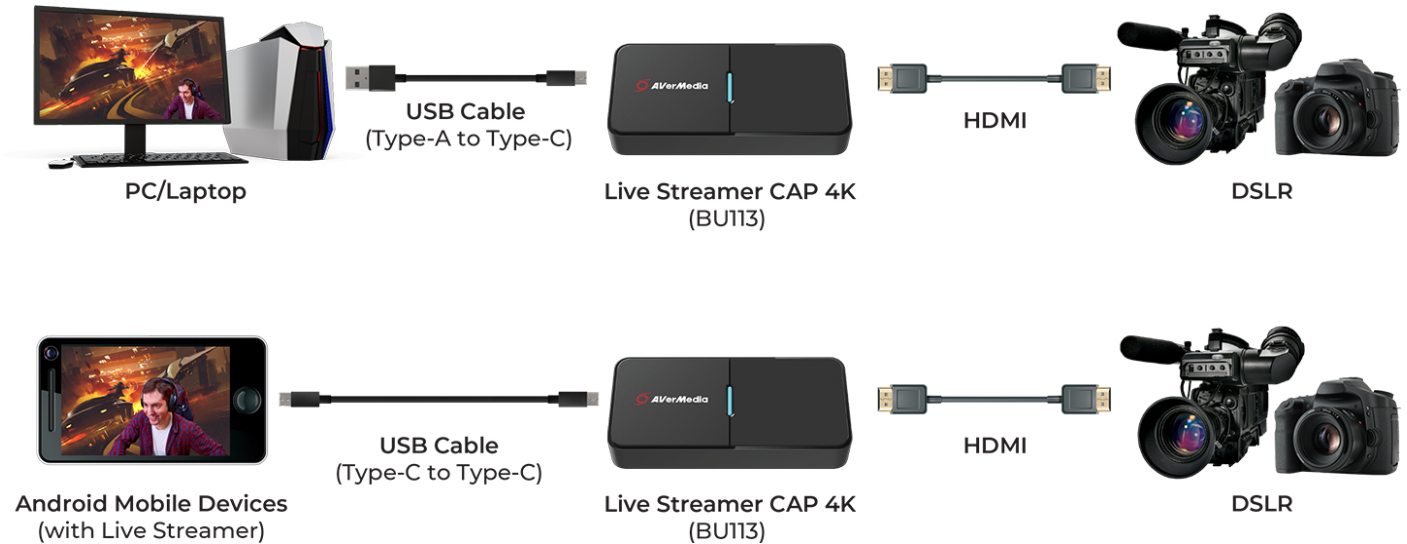   *You may need Type-C to Type-C cable for Android mobile devices

2. Use HDMI cable to connect the CAP 4K to your video camera or camcorder

3. Select your video source from third-party software you used

4. Download and Install CamEngine or Live Streamer

   CamEngine: https://bit.ly/3DGNm0L

   Live Streamer: Download from Google Play and App Store

   *BU113 can only use on Android OS

   *Live Streamer CAP 4K does not require a driver installation

USB Cable
(Type-A to Type-C)

HDMI

PC/Laptop

Live Streamer CAP 4K
(BU113)

DSLR

USB Cable
(Type-C to Type-C)

HDMI

Android Mobile Devices
(with Live Streamer)

Live Streamer CAP 4K
(BU113)

DSLR

LED Indications

Solid Blue	Powered On (Connected with video source)
Solid Red	No Input
Flashing Blue	Booting / Updating Firmware
Flashing Red	Error: USB 2.0 Port Connected

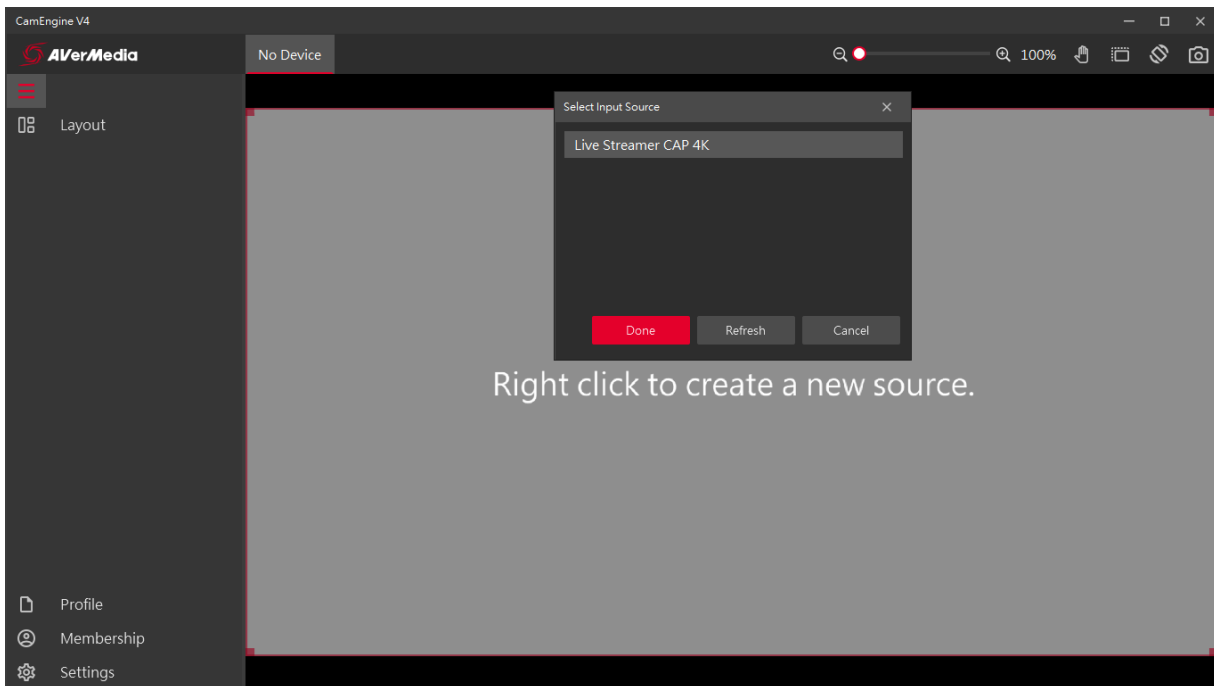*Note: Live Streamer CAP 4K does not support USB 2.0
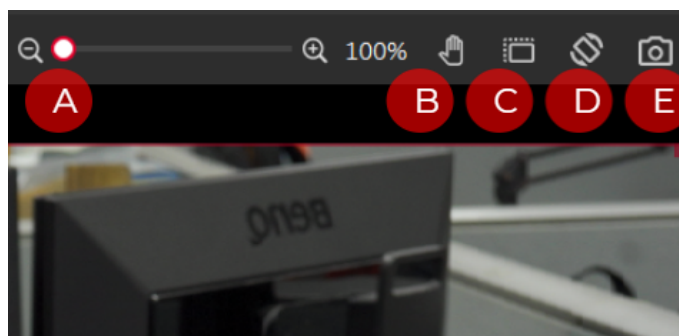
CamEngine

Key Features

With CamEngine, all creators can use ePTZ function for AI framing or manual setups based on different scenarios.

Live Streamer CAP 4K with CamEngine

- Connect a video camera or camcorder with Live Streamer CAP 4K by USB and HDMI cables
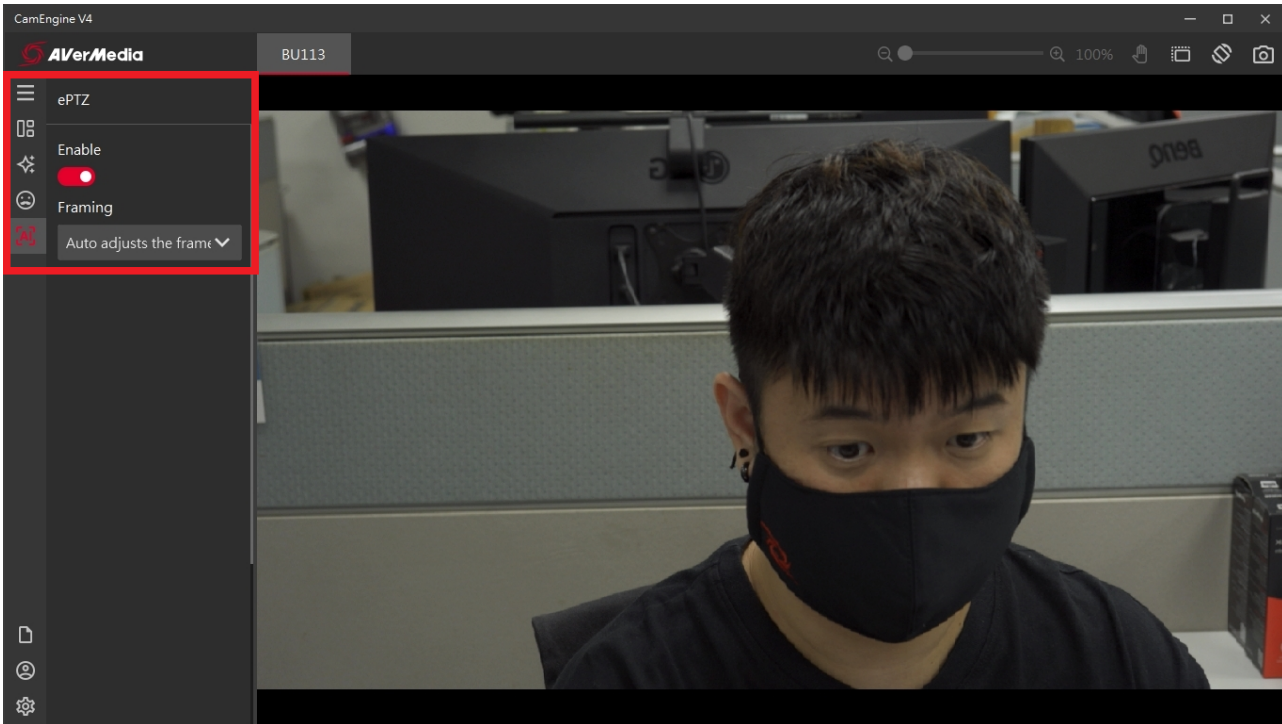
- Right click to create a new source
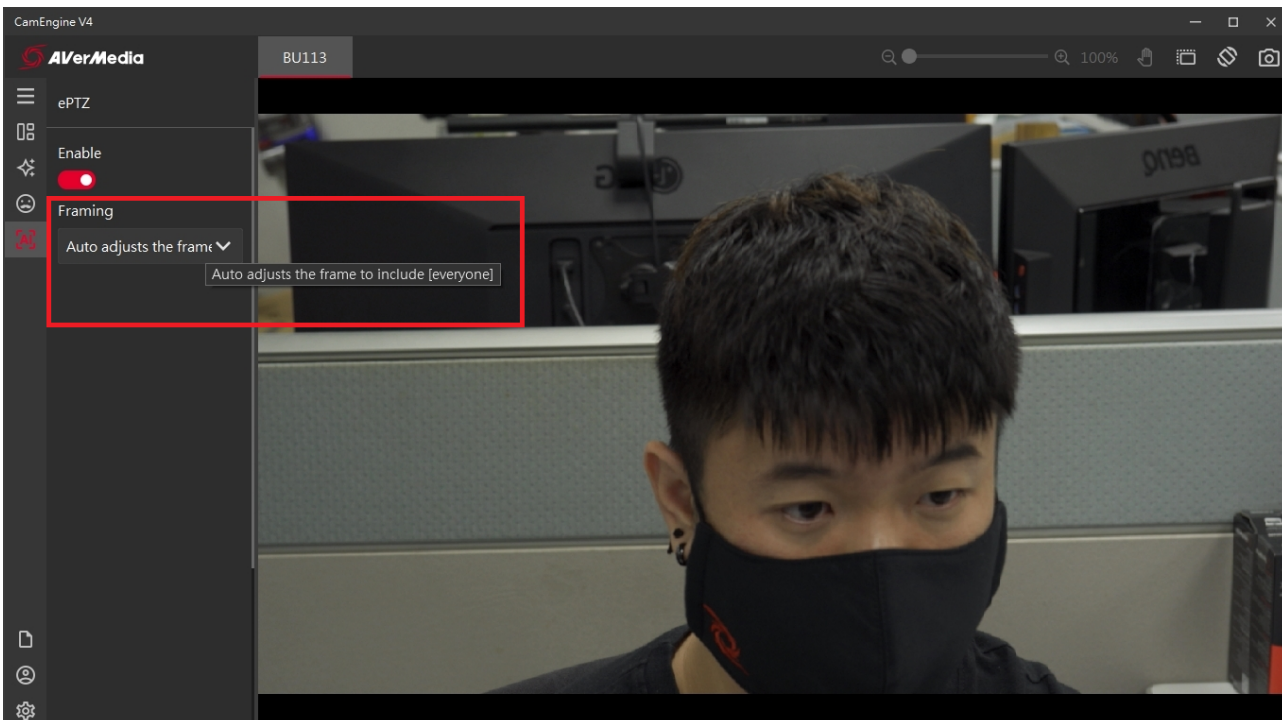

- Adjust the video source

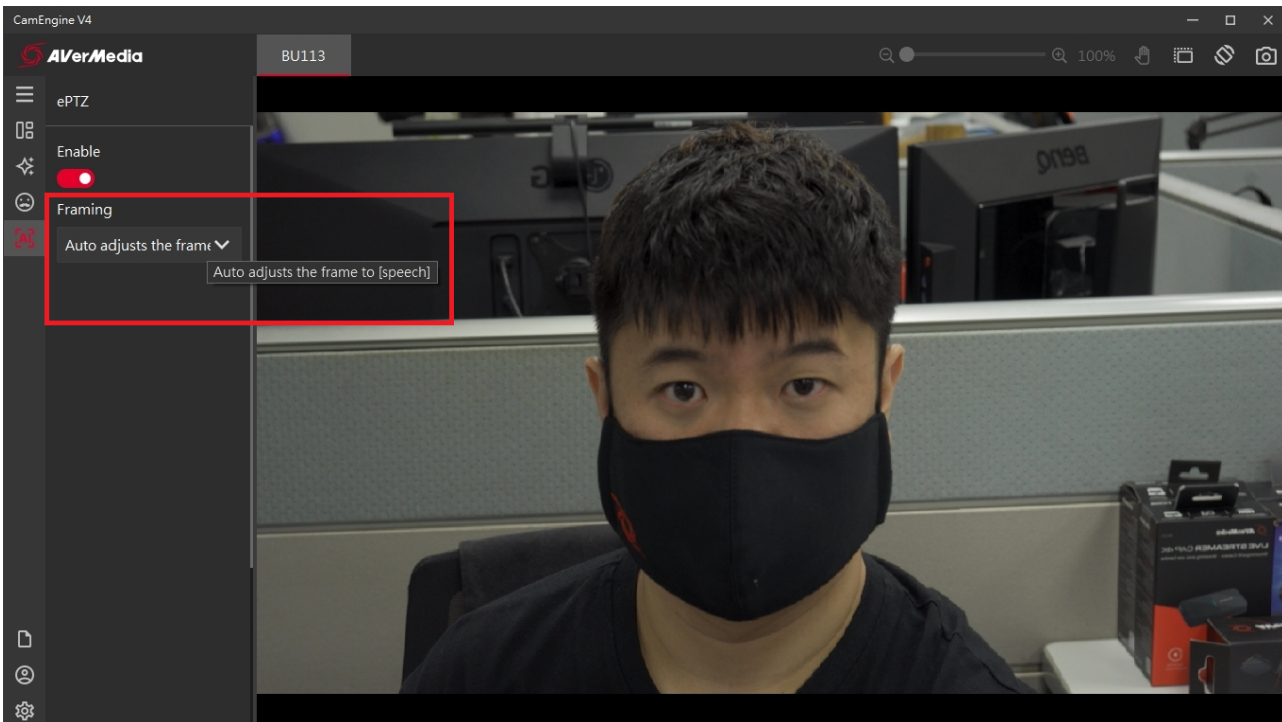|			
A Zoom in/out		**D** Rotate or flip	
B Move video/scene		**E** Capture	
C Windows mode			

- Enable ePTZ and choose auto or manual adjustment

- Choose "Auto adjusts the frame to include [everyone]"
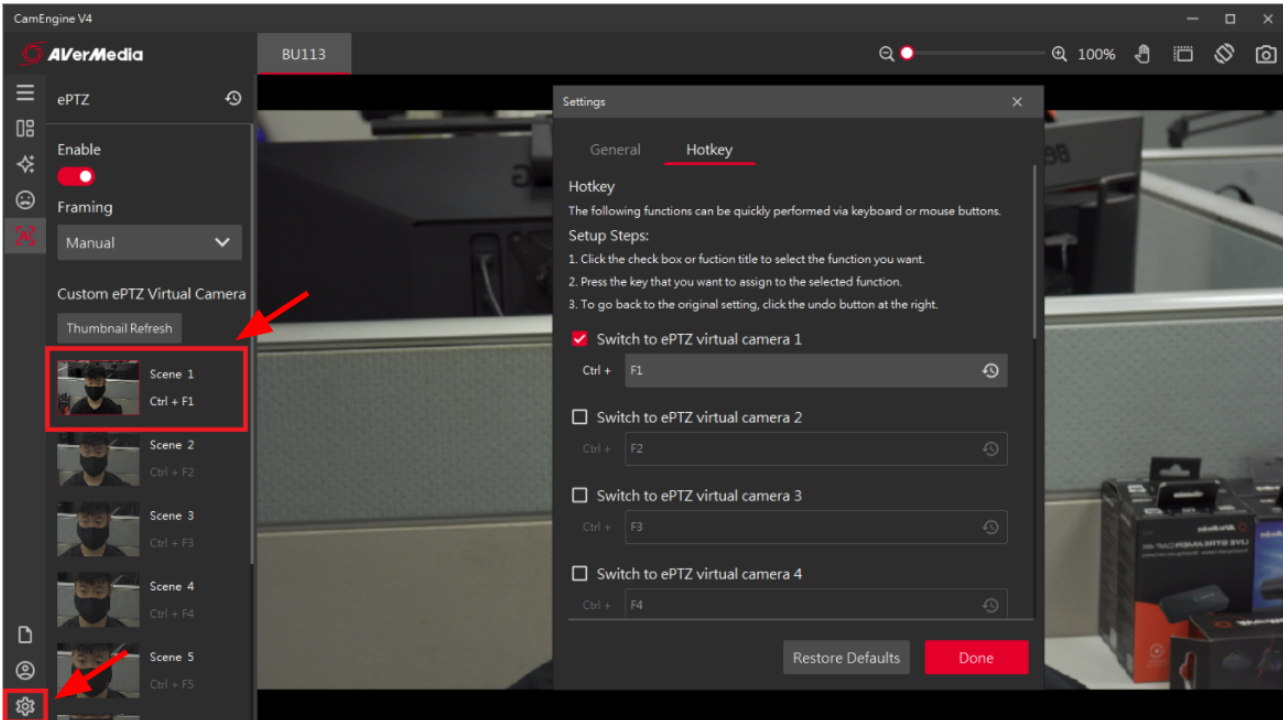Everyone will be automatically framed in the scene

- Choose "Auto adjusts the frame to [speech]
  When the person who is speaking, he/she will be automatically framed
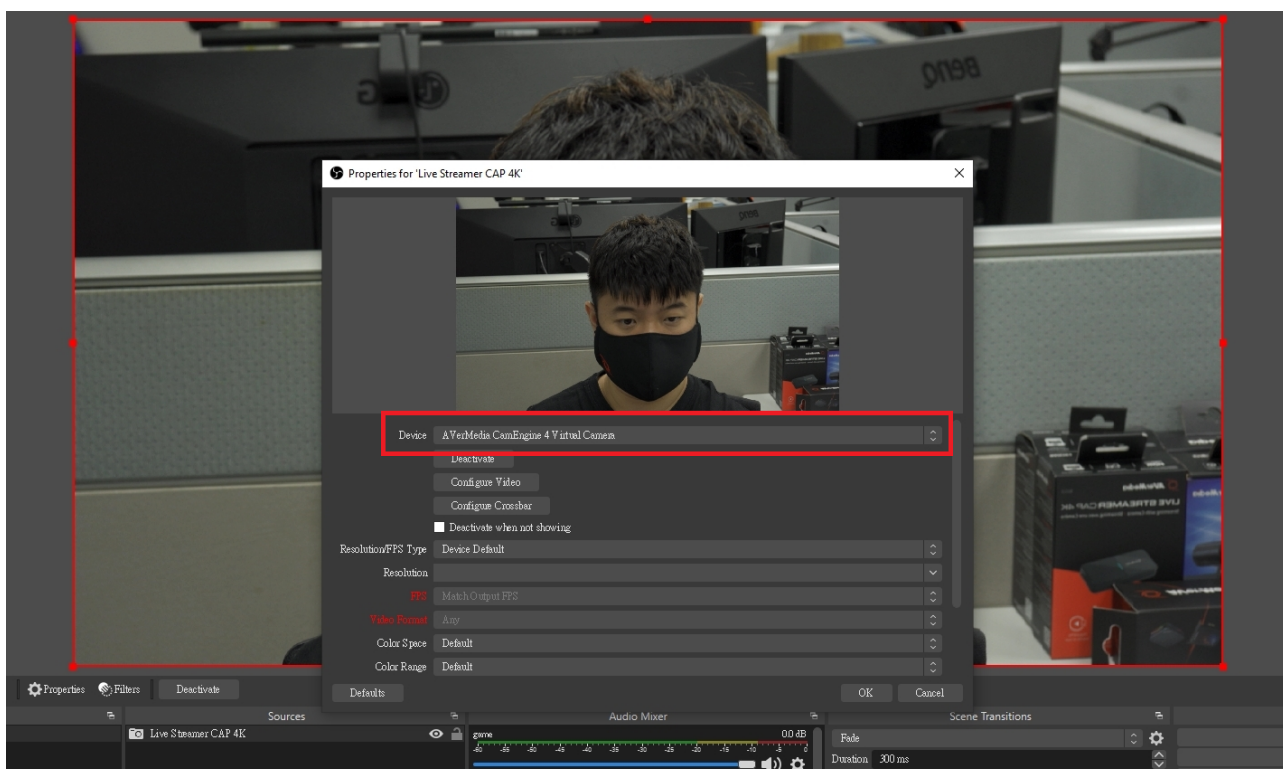 *ePTZ can't detect the sound over 100 cm away

- Choose "Manual" to customize the ePTZ virtual camera
  1. Press "Thumbnail Refresh"
  2. Choose a different "Scene" to adjust the video sources

- Set up Hotkey in Settings to switch different scenes

- Choose video source, "AVerMedia CamEngine Virtual Camera," on third-party software, like OBS for streaming or recording
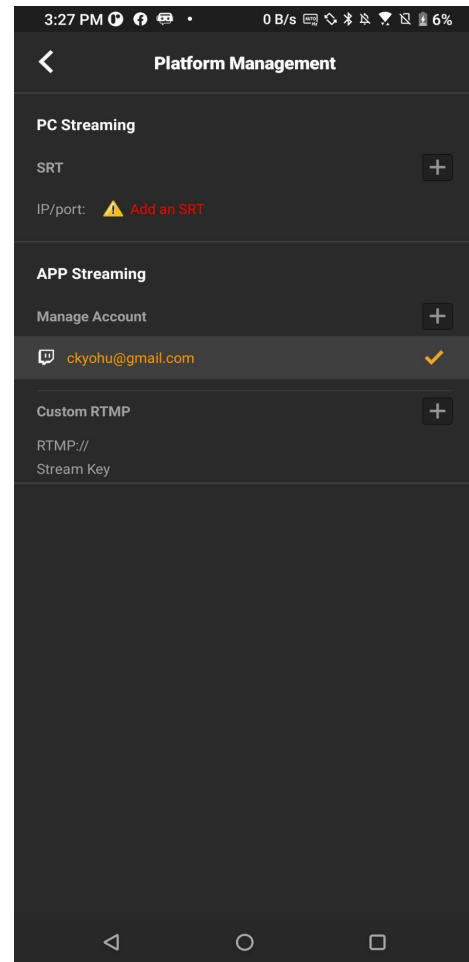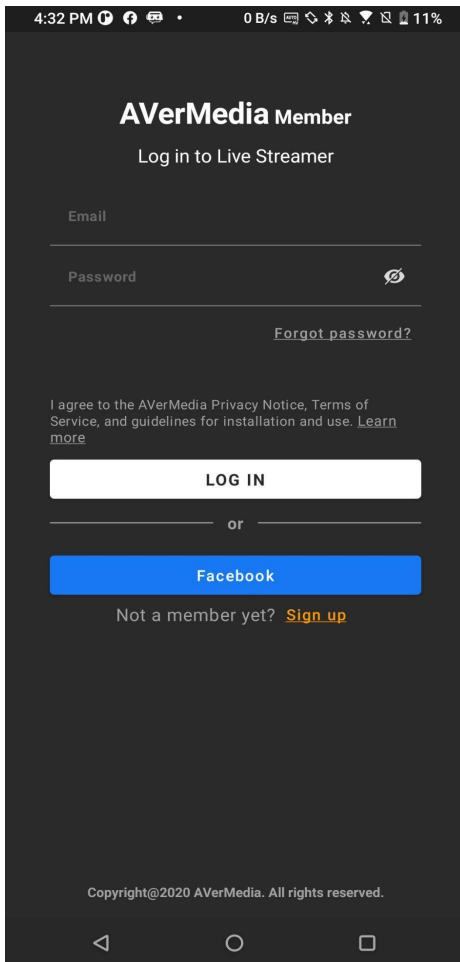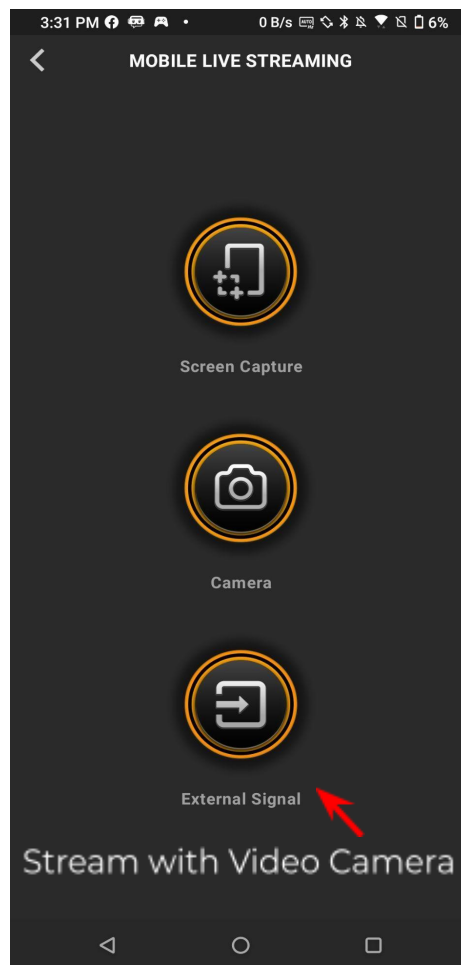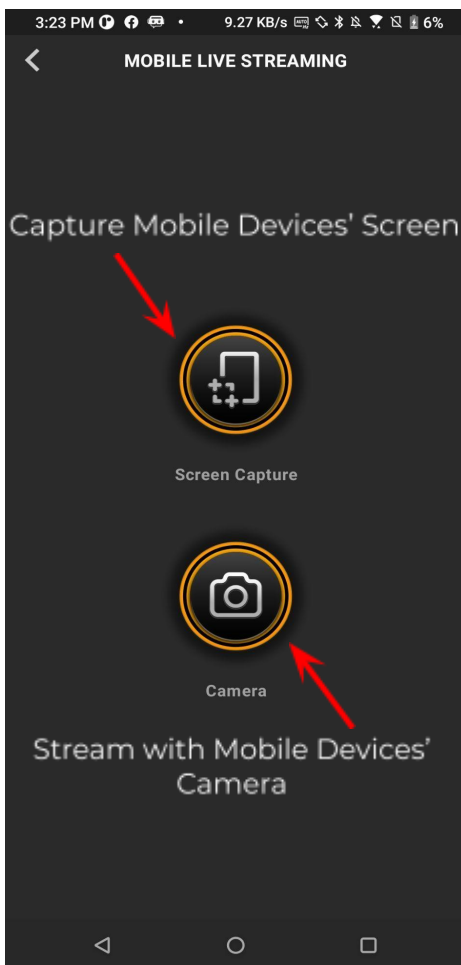
Live Streamer

Key Features

With Live Streamer, all creators can use an Android mobile device and a video camera to stream directly.

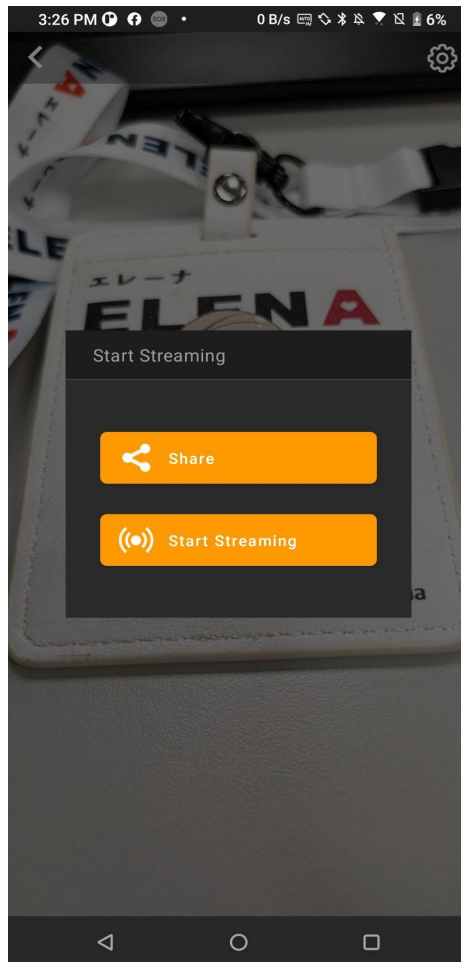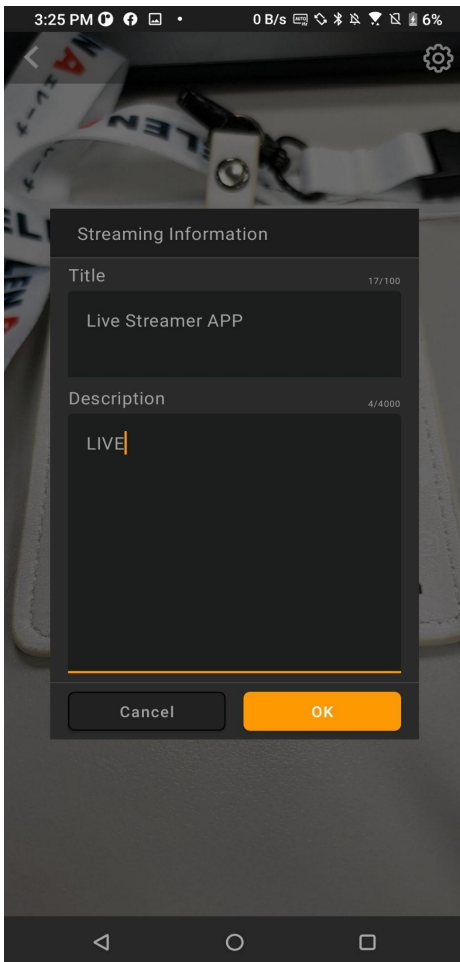## Live Streamer CAP 4K with

- Open Live Streamer to stream directly on Android and IOS mobile devices
  *IOS mobile devices can't connect with Live Streamer CAP 4K

- In order to start streaming, go to setting to create an AVerMedia account and link to Twitch/ YouTube/ Facebook account

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- Choose **Camera** to stream directly from your mobile devices' camera, and press **((O))** button to start the live

- Live Streamer can also connect with video camera sources by using Live Streamer CAP 4K. Choose **External Signal** to connect the video camera sources.

- Creators can also choose **Screen Capture** to stream the contents on mobile devices directly

- Before starting the stream, set up the **title** and **description**. Creators can also **share their live channel** by sending a link

- After streaming, press the **stop** button to finish the live

Technical Support

AVerMedia also provides RMA* services as well as comprehensive technical support to all of our customers, including online, over the phone and email support*. Our customer service center is located in AVerMedia HQ and will provide a response within the first 24 hrs of receiving the inquiry.

Before contacting technical support, users can take a look at our FAQ section with here (http://www.avermedia.com/gaming/support_faq/main) if they can't find a solution to their problem then contacting us using this link should be the way to go (http://www.avermedia.com/gaming/technical_support).

*Support may vary by region.

About AVerMedia

AVerMedia is the leader in Digital Video and Audio Convergence Technology. From audio and video peripherals for consumers, to professional capturing and streaming solutions for corporate markets. AVerMedia Technologies, Inc. commits itself to enrich experiences in entertainment and communications. As a leader in innovative manufacturing and environmentally friendly products, AVerMedia is also highly involved in community and social responsibilities. AVerMedia also partners with ODMs for the development of AVerMedia's technologies for integrated applications.

AVerMedia Technologies, Inc. Logo: