



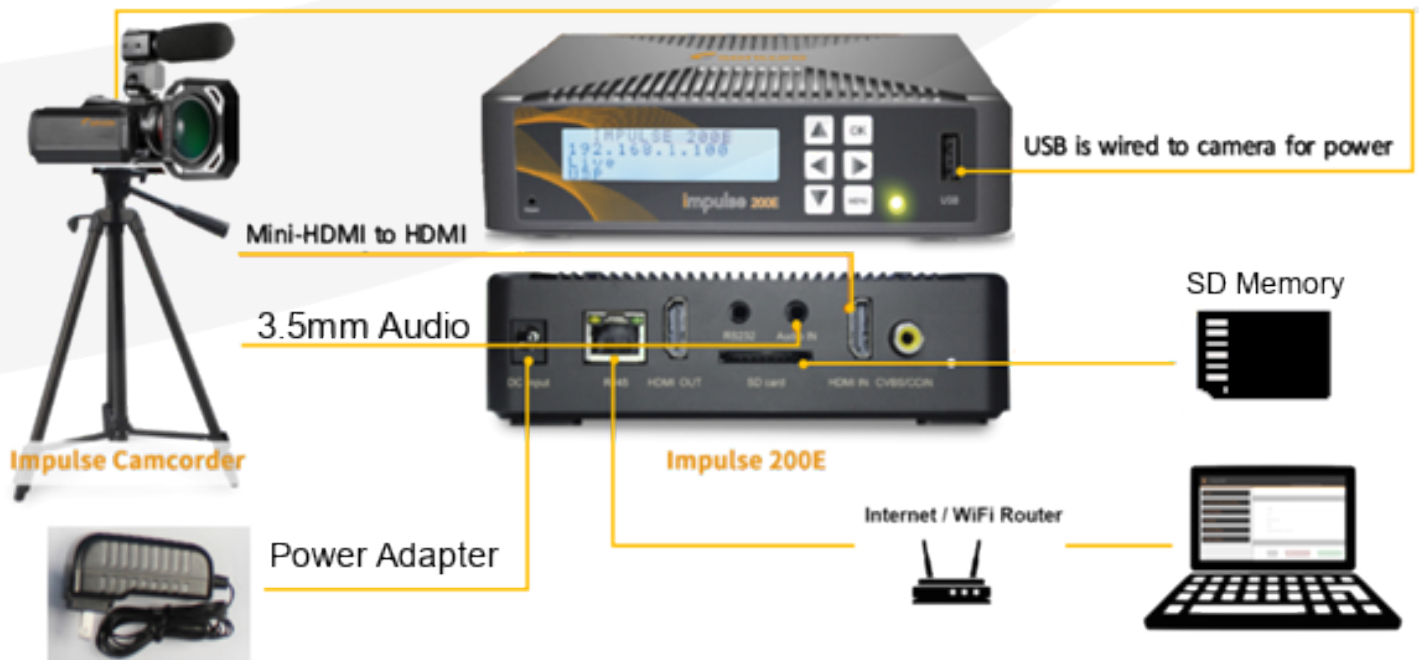
Impulse Streaming Kit

Automatic Youtube live streaming quick guide

This document is a step-by-step walkthrough to configure and stream live on Youtube using the Sencore 200E Encoder, C10 Camcorder, and Bluetooth Lapel microphone. A computer is required with network access to control the encoding using web-browser (Chrome, Firefox, Safari, Internet Explorer)

For Technical Support and additional product information please visit our **Impulse Stream Kit FAQ** page:

<https://www.sencore.com/impulse-streaming-kit-setup-and-faq/>



The Impulse 200E encoder sends live video and audio over the internet using RTMP protocol. This means in order for Youtube to accept the signal an **RTMP URL** (web-address) and **Stream Key** are required.

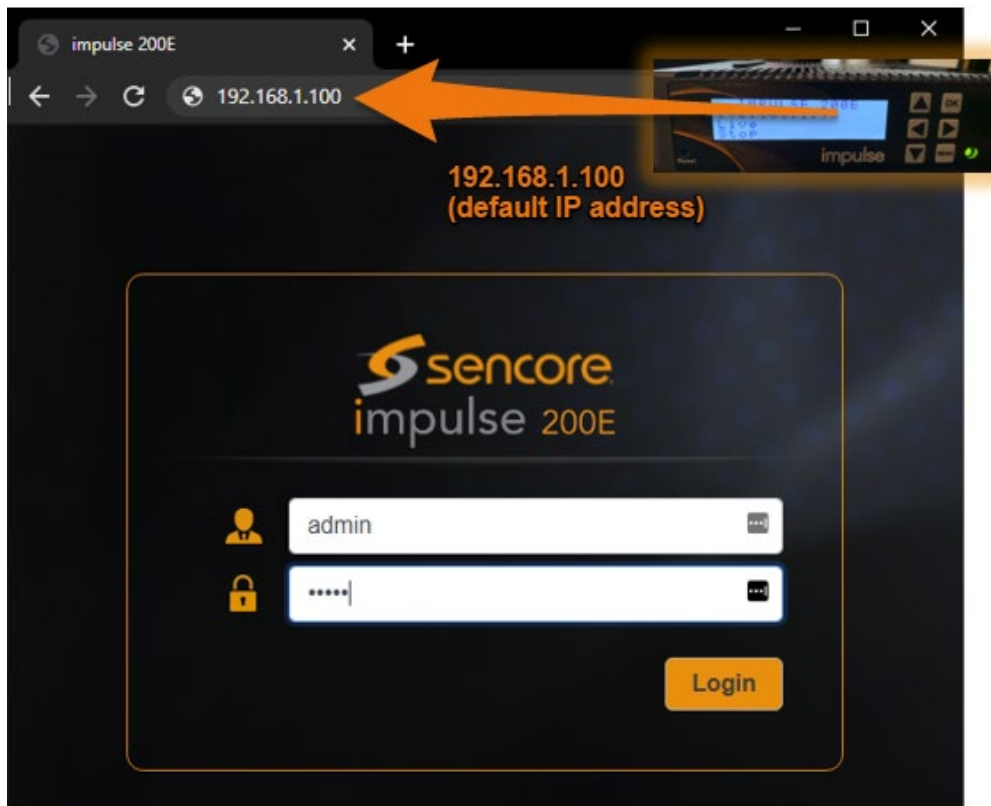
By default the 200E can communicate with Youtube servers directly and provide a passphrase to “pair” the device. This document will walk through the steps needed to easily connect and stream online.

How to authorize Impulse 200E to stream into Youtube Account using “Pairing”

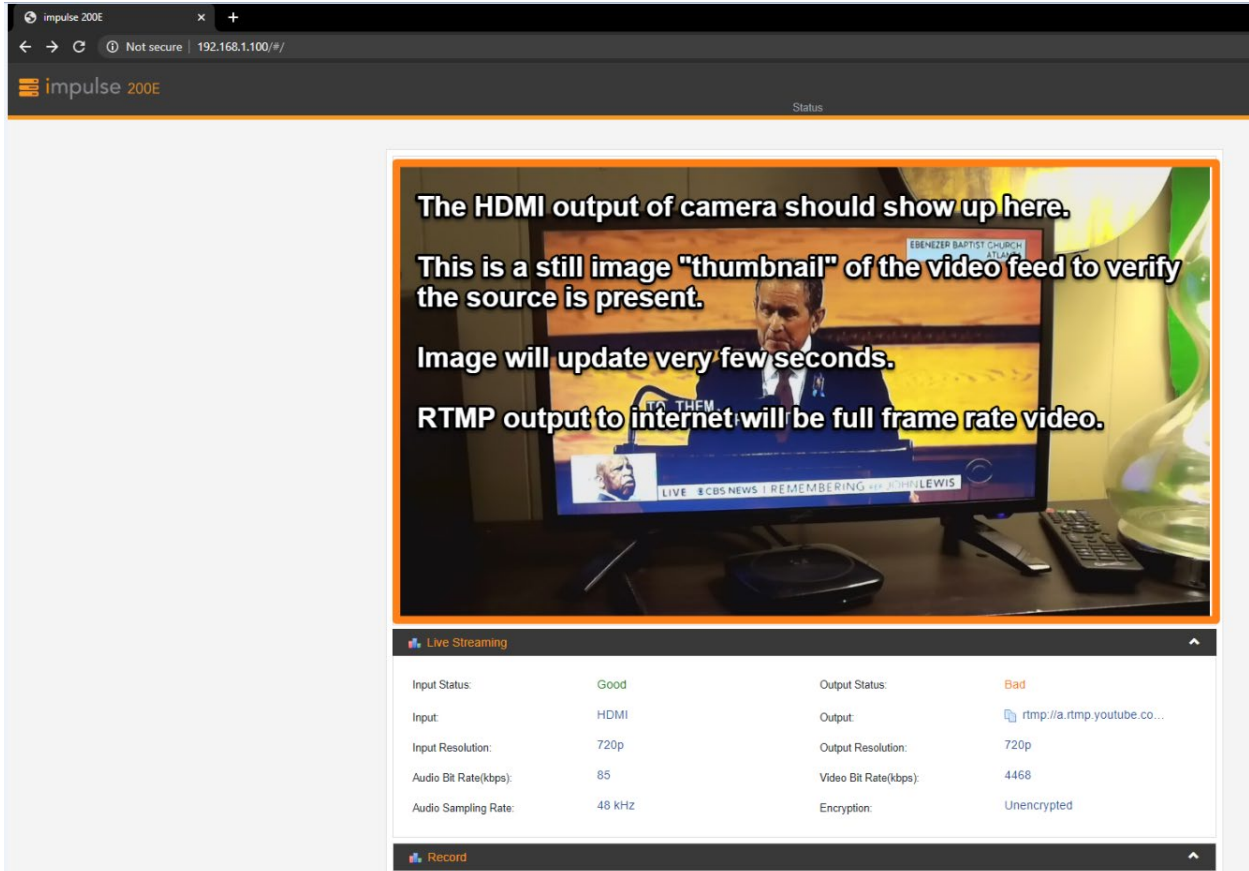
Step 1.) Verify IP address of 200E encoder by looking at front panel.

Step 2.) Using computer on the same network as 200E, open a web browser and enter IP address of encoder into address bar. If the network automatically assigns IP address using WiFi router please see FAQ document on changing 200E to use DHCP.

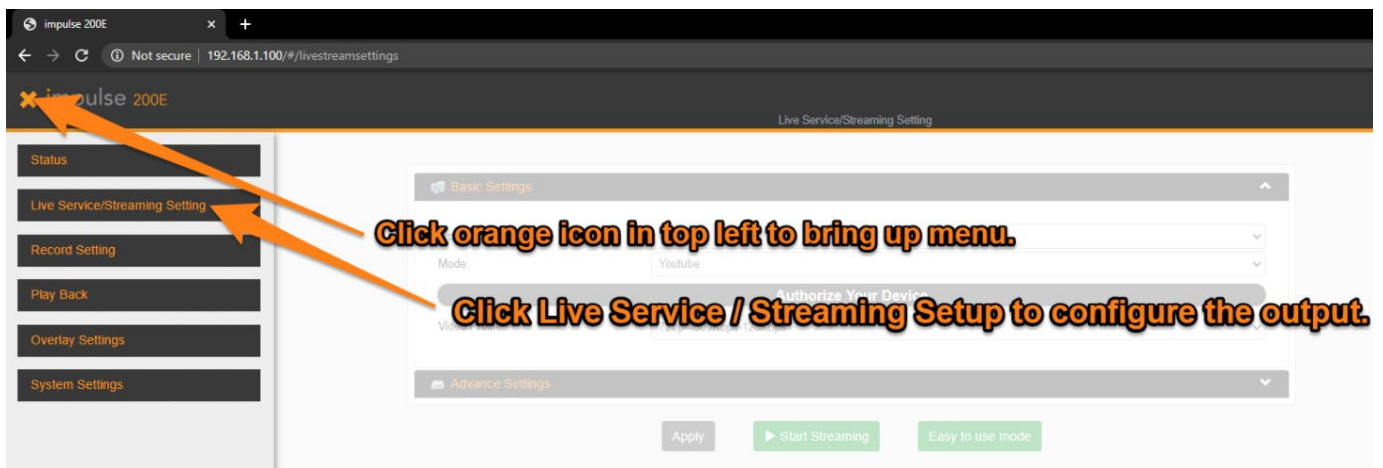
Step 3.) Login using default credentials (**admin** for user name, and **admin** again for password)



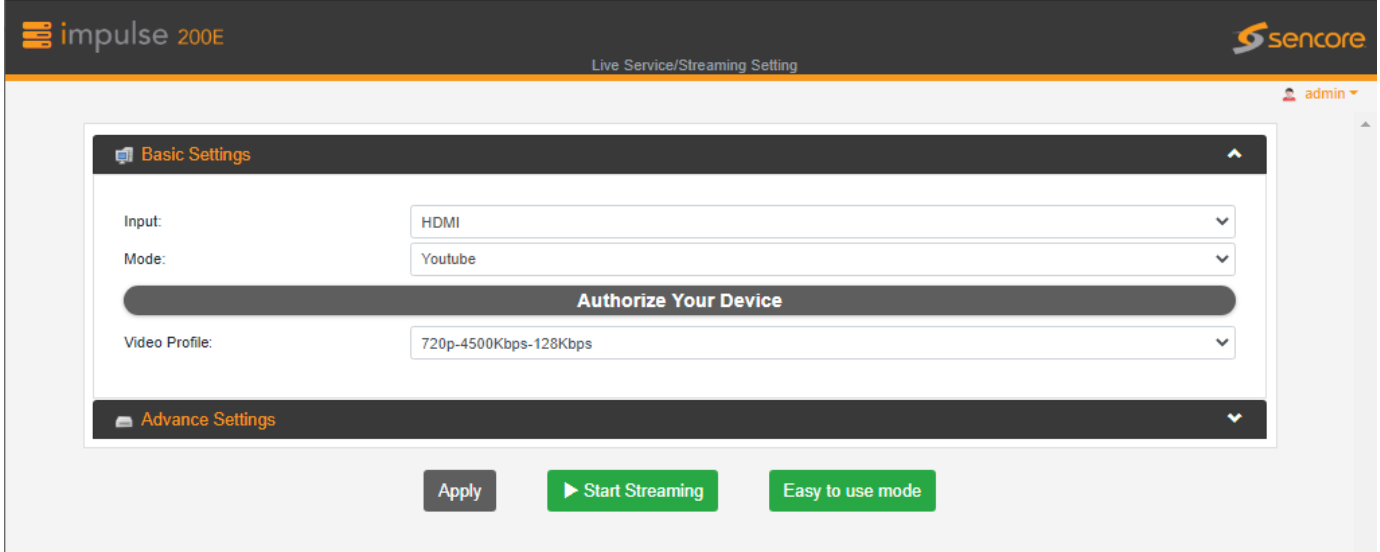
Step 4.) Verify HDMI input is present and thumbnail is showing on status page



Step 5.) Left-click on top left button next to Impulse 200E Logo to bring up the navigation pane. Then left click on Live Service / Streaming Setting



Step 6.) Select **Youtube** under the **Mode** drop down, then click **Apply**.

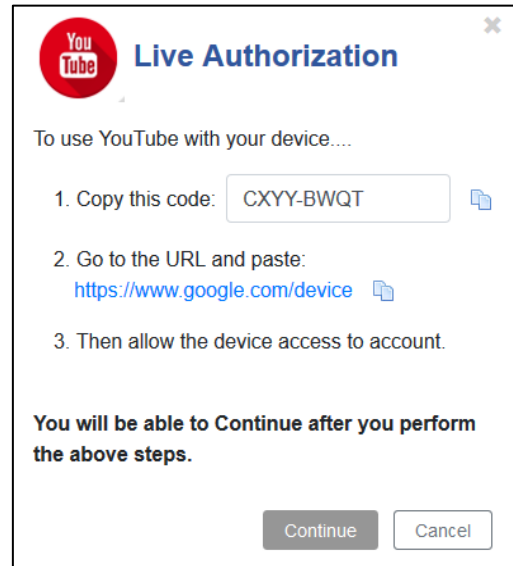


Note: if Mode is set to “manual” you will need to change it to Youtube to show the Authorize Your Device button.

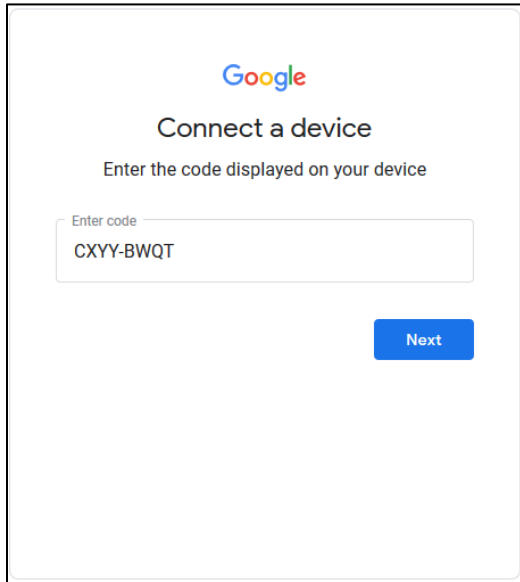
Step 7.) Left-click the “**Authorize Your Device**” icon, a similar prompt to the image below should appear. Copy or write down the code and open Google link in a new browser tab.

Note:

- The code/passphrase will be unique per encoder/session
- This code must be typed into the form at the following address using web-browser from computer or mobile phone
<https://www.google.com/device>
- The Youtube account user-name and password will be required when entering the code

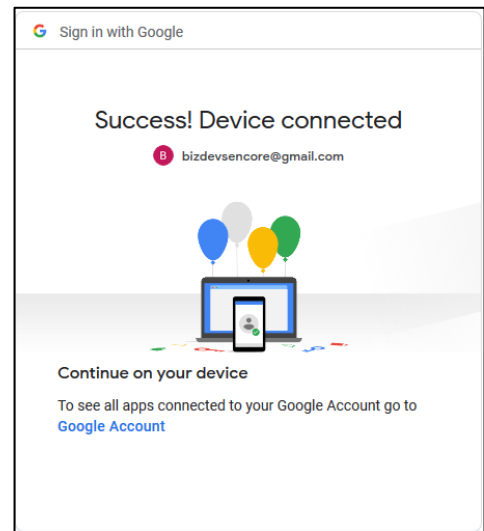
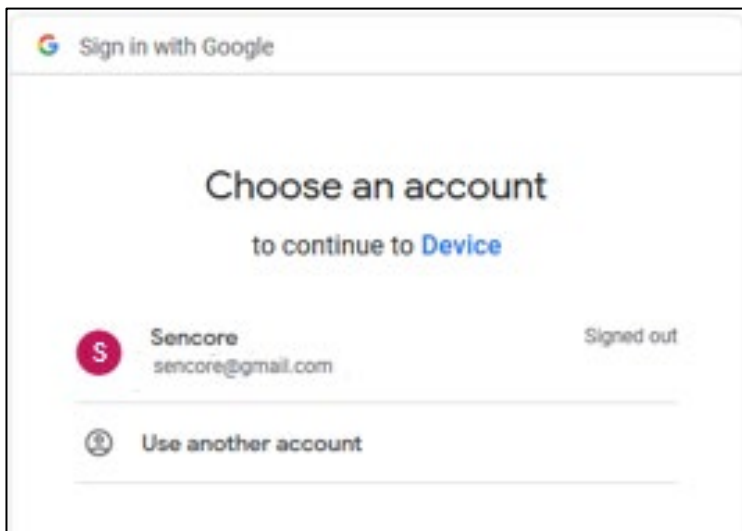


Step 8.) Paste or type the code/passphrase from Step 7 into the google device pairing page and click next.

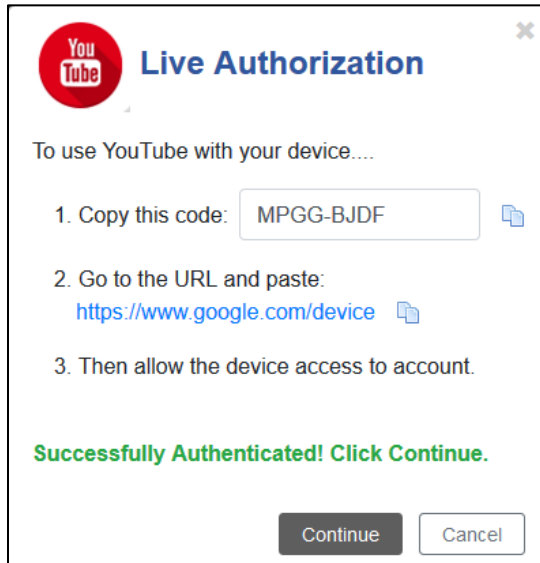


Step 9.) Login to Youtube using account username and password and click Next.

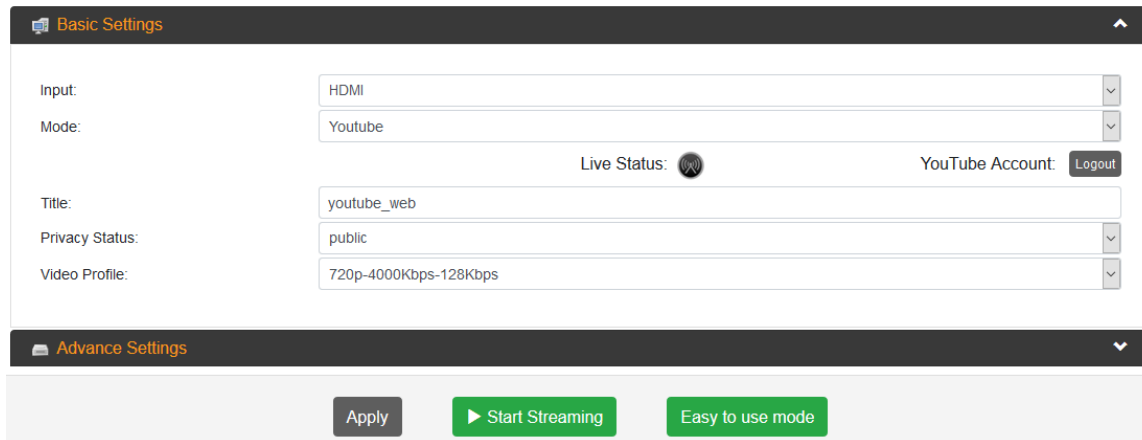
If Chrome browser is used and credentials are saved will look similar to the screenshot below. Once authenticated the Success window should pop up.






Step 10.) Click on browser tab for 200E web-interface and left-click **Continue** button to complete pairing process.



Step 11.) Click **Start Streaming** button on bottom of Live Stream page to begin video on Youtube.



Note: The "Live Status" icon will indicate progress:

- a. Grey: the device is not streaming 
- b. Red: the device is preparing stream 
- c. Green: the device is streaming 

The device may take a few minutes to initialize and begin streaming. Performance will vary with internet connection speed.

The screenshot shows the 'Basic Settings' interface. It includes the following fields and controls:

- Input:** HDMI
- Mode:** Youtube
- Enter to watch live:** A button with a camera icon and a document icon.
- Live Status:** A green indicator with a checkmark.
- YouTube Account:** A field with a 'Logout' button.
- Title:** youtube_web
- Privacy Status:** public
- Video Profile:** 720p-4000Kbps-128Kbps

At the bottom, there are three buttons: 'Apply', 'Stop Streaming', and 'Easy to use mode'.

The Impulse 200E is now streaming to YouTube.

Finish.) Clicking the [Enter to watch live](#) icon will navigate to the newly created stream on YouTube.

The status page in 200E will also verify Good status when stream is live.

The screenshot shows the 'Live Streaming' status page with the following information:

Input Status:	Good	Output Status:	Good
Input:	HDMI	Output:	rtmp://a.rtmp.youtube.co...
Input Resolution:	1080i	Output Resolution:	720p
Audio Bit Rate(kbps):	127	Video Bit Rate(kbps):	4001
Audio Sampling Rate:	48 kHz	Encryption:	Unencrypted