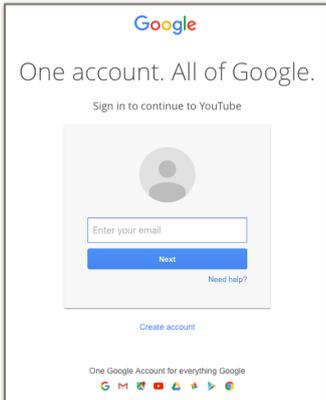


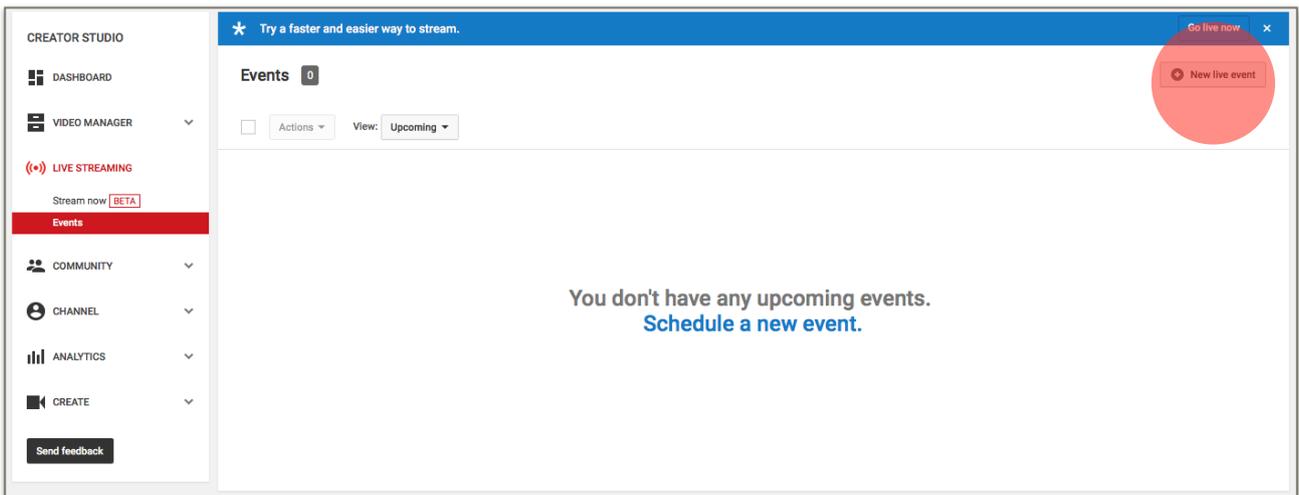


RTMP STREAM TO YOUTUBE GUIDE

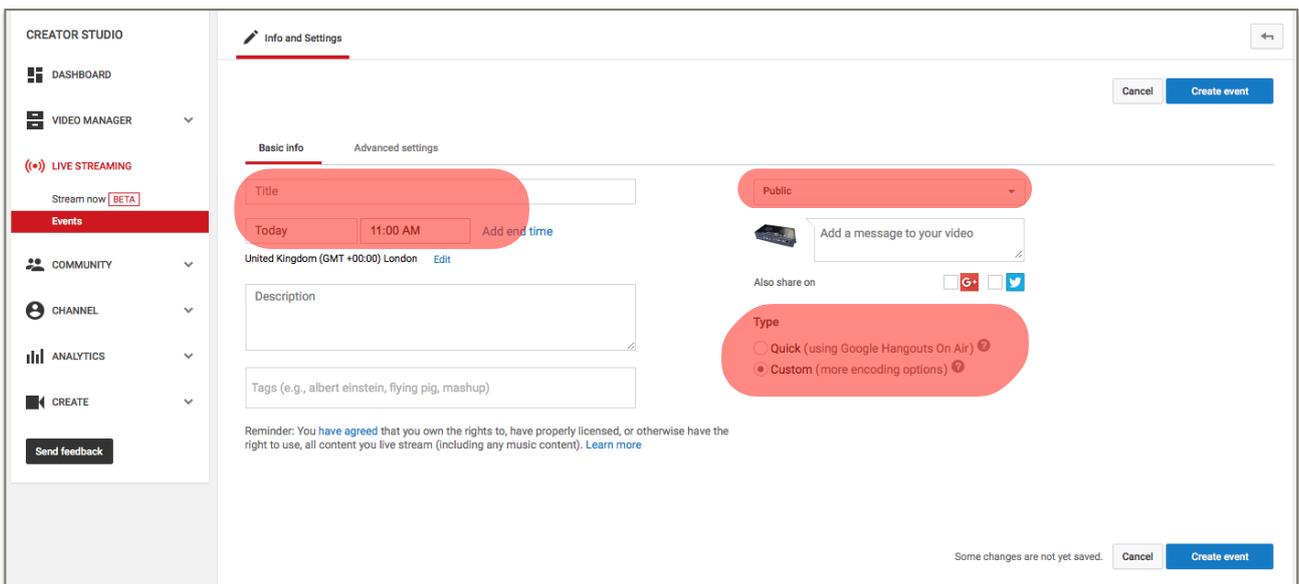
- 1) Youtube Settings URL - www.youtube.com/my_live_events
Log in with your google ID credentials.



- 2) Select 'new live event'



- 3) Set - Title, Start Time, Security level (Also you can set a end time and description) Type = Custom then lastly click 'Create event'



4) Basic ingestion: 3000Kbps ~ 6000Kbps (1080p)

Select your encoder: Set "Other Encoders" and copy "Stream name", "Primary Server URL" to your notepad. Save changes then move to Live Control Room

Info and Settings Ingestion Settings Cards Live Control Room View on Watch Page

Event successfully saved. Cancel Save changes

temp

Main Camera Add a Camera

Thumbnail

Please upload as large an image as possible (suggested: 1280x720) since the image will also be used as the preview image when your event is embedded on other sites. You can upload a JPG, GIF, BMP, or PNG file. Maximum file size is 2MB. Browse

Choose maximum sustained bitrate of your encoder *
Select a range that corresponds to the maximum sustained output your encoder provides.

Basic ingestion

3000 Kbps - 6000 Kbps (1080p) Enable 60fps

Custom ingestion

Select your encoder
YouTube Live provides support for a variety of encoders. Select one of the encoder options below and follow the instructions.

Other encoders

1. Configure your encoder
[Recommended settings](#)
2. Copy and paste into your encoder
Enter the stream names and URLs in the configuration options of your encoding software.

Stream Name
[Redacted]

Primary Server URL
[Redacted]

Backup Server URL
rtmp://b.rtmp.youtube.com/live2?backup=1

3. Start your encoder
In your encoder, start sending us your video stream.
4. Go to the Live Control Room.
You can preview and start your event from the [Live Control Room](#).

Closed captions
 Enable captions (requires supported vendor/software)

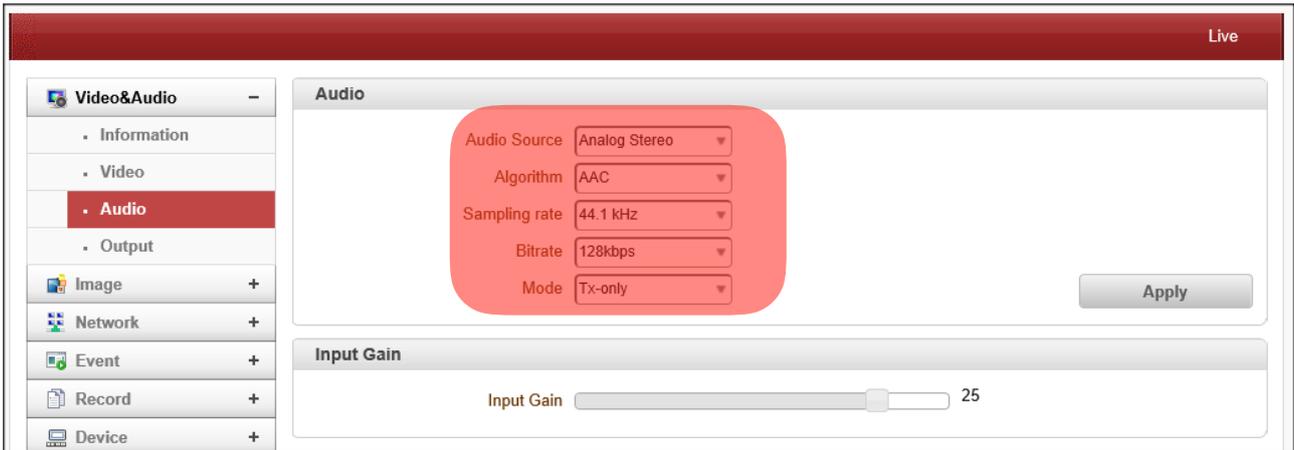
5) You will get a notification in the red box since the configuration of IP Camera or Encoder is not done. (we will come back to this page later on)

The screenshot shows a live streaming control room interface. At the top, there is a blue banner with the text "Try a faster and easier way to stream." and a "Go live now" button. Below the banner, there are navigation tabs: "Info and Settings", "Ingestion Settings", "Cards", and "Live Control Room". A "View on Watch Page" button is also present. A prominent red notification box at the top states: "We are not receiving data from your encoder. Please make sure it is configured correctly in the Ingestion Settings page." Below the notification, the stream name "temp" is displayed. There are three main buttons: "Start Encoder", "Preview Stream", and "You're Live!". A "Preview" button is also visible. A checkbox labeled "Sync to preview player" is present. The "STREAM STATUS" section shows "NO DATA" for a "1080P STREAM". To the right, there are statistics: "AVERAGE LIVE VIEW DURATION 00:00", "TOTAL VIEW TIME (HOURS) 0", and "PEAK CONCURRENT 0". At the bottom, there are "Manage" and "Analytics" tabs, and a "Send feedback" link.

6) Open web viewer of IP Camera or Encoder = Setup > Video
Select 1920x1080 resolution and make bitrate according to the setting on Youtube (between 3000 ~ 6000).

The screenshot shows a "Performance Calculation" window with a "Video" settings section. The "Performance Usage Rate" is 42%. The "Video" section includes "Input Format" set to "HD-SDI 1080p25" and "Video Input Auto Detect" set to "Off". Below this, there are tabs for "Primary", "Secondary#1", "Secondary#2", and "Secondary#3". The "Primary" tab is selected, and its settings are highlighted with a red rounded rectangle. The settings for the Primary stream are: "Resolution" set to "1920x1080", "Framerate" set to "25", "Preference" set to "CBR", "Quality" set to "Economy", "Bitrate" set to "4000" kbps (with a range of 32 ~ 16384), "I-Frame Interval" set to "74", and "H.264 Profile" set to "High Profile". An "Apply" button is located at the bottom right of the settings panel.

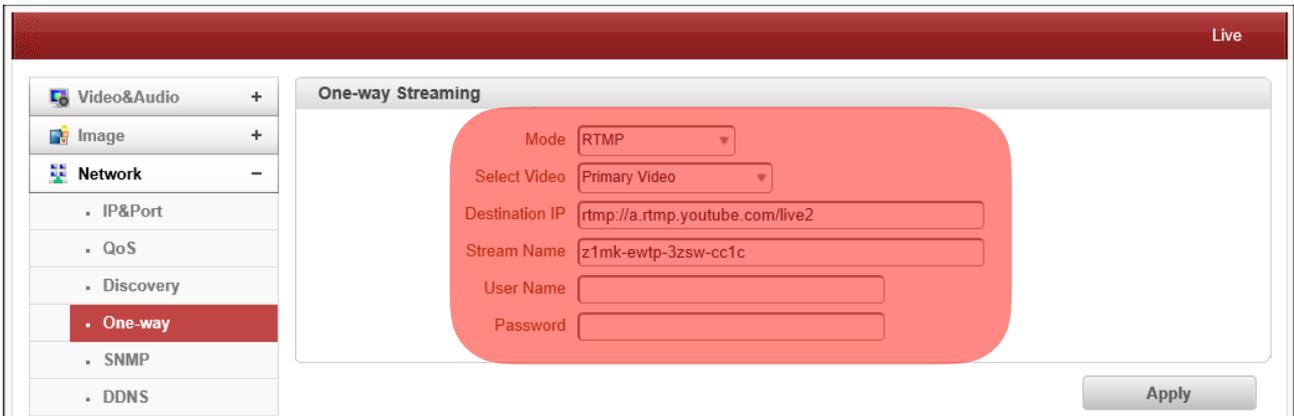
7) AAC, 44.1KHz, 128kbps are mandatory due to Youtube RTMP requirements.



8) One-way Streaming - Select RTMP in the mode and put the copied URL of Youtube RTMP information with below instruction.

[basic server url]

[stream name]



9) If RTMP connects, the notification will be gone and preview will be activated. Click 'Preview'

10) Once preview is done, Streaming Start button is shown. Click 'Start Streaming' button to go live.

