

# Producer with Transcoding Broadcasting Guide

# Starting a Transcoded Producer Broadcast

Available for Available for iOS, Android, and web. See page 7 for 360 Producer.

**Step 1:** From the Settings area in the app, select Advanced Sources. Tap to create an additional source, and take note of the RTMP publishing information (Publishing URL, Stream Name). Alternately, on web, click on your avatar and select Producer to access this information.

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**Step 2:** Configure your encoder (such as OBS, etc) to point to the publishing point from Step 1. Configure the streaming settings with the exact specifications listed on page 5.

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**Step 3:** Start streaming from the encoder configured in Step 2.

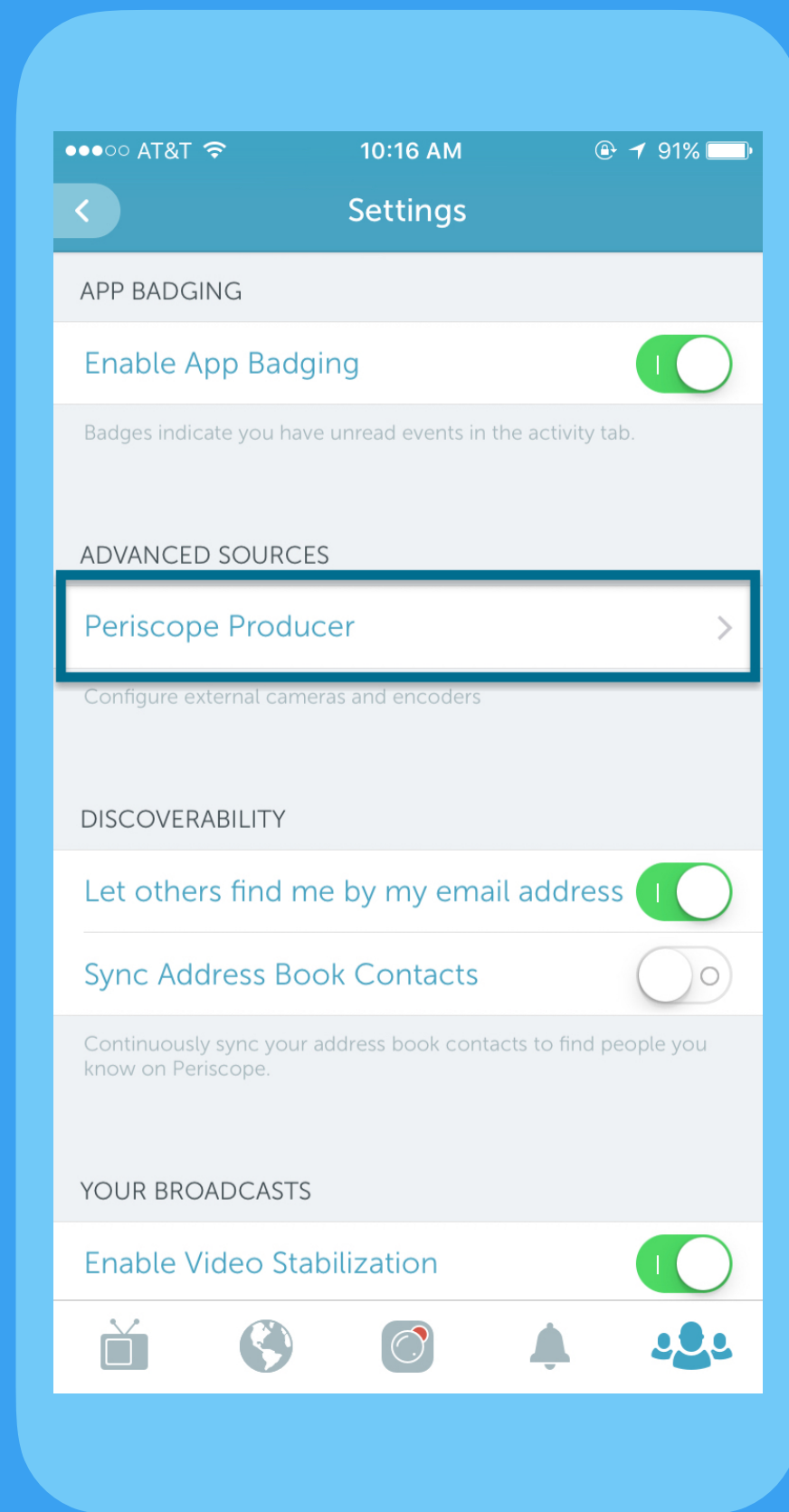
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**Step 4:** In the app, the Preview Broadcast button should turn on. Press or click it.

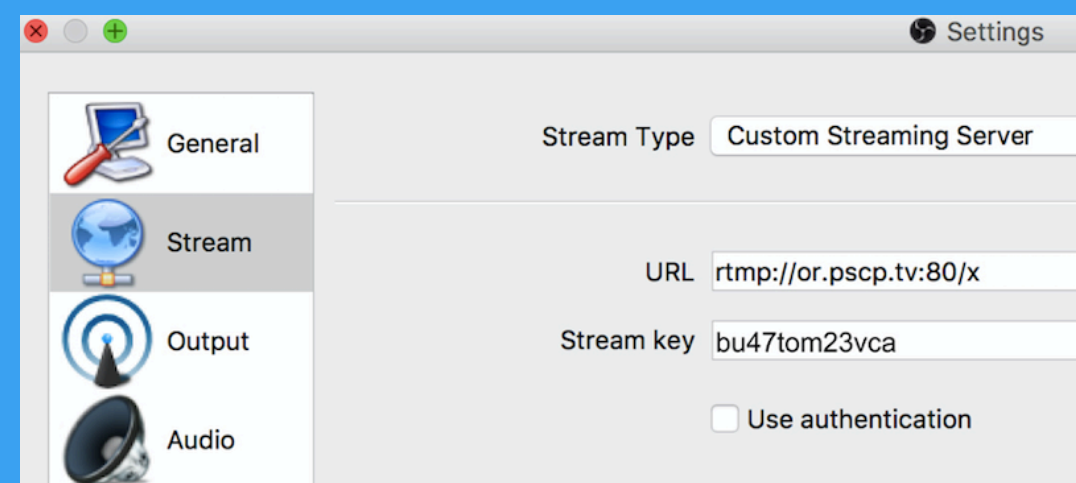
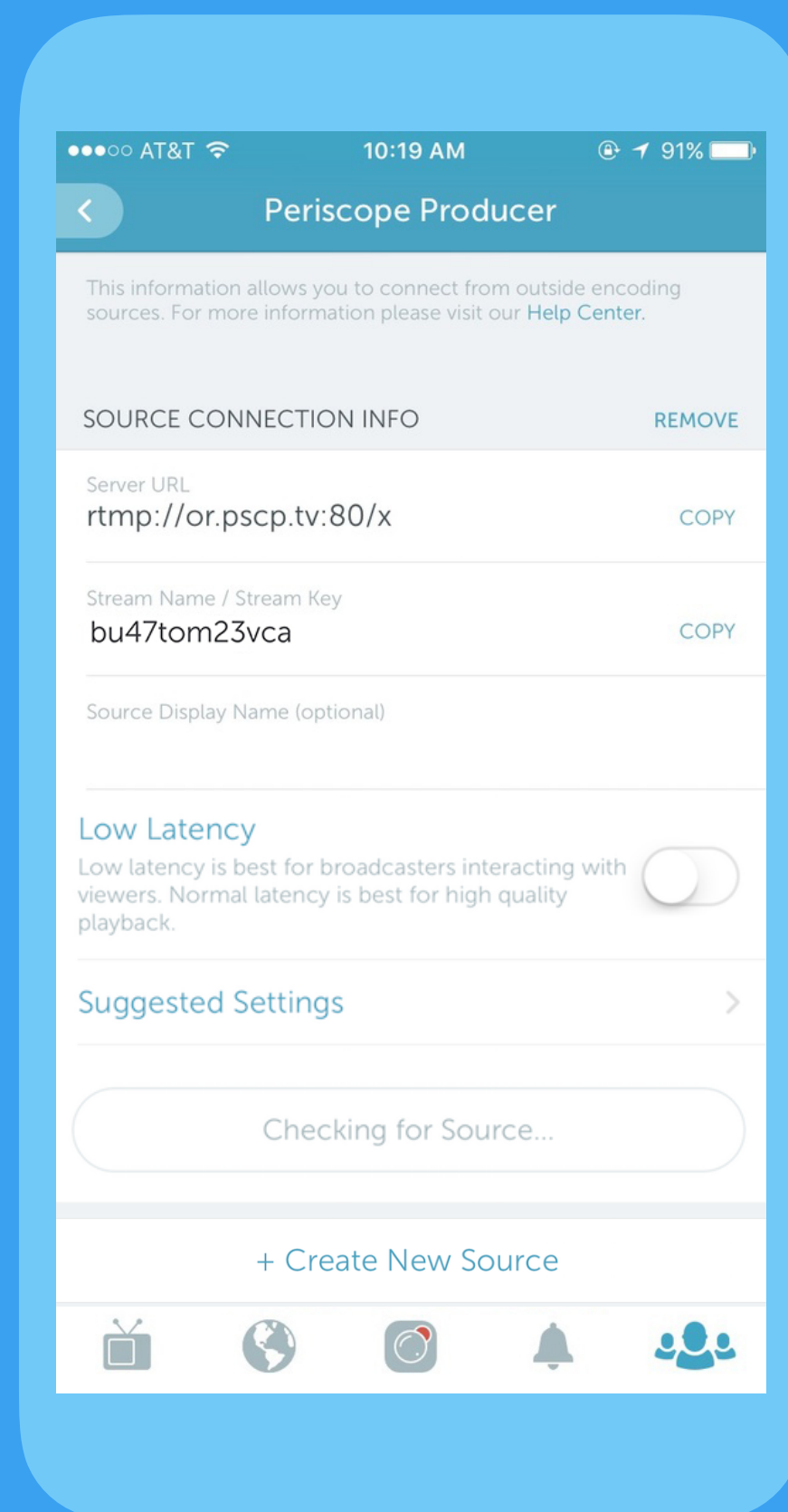
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**Step 5:** Title your broadcast, select the Twitter option to Tweet, and hit “Start Broadcast” to go LIVE, at which point your followers will be notified and the broadcast will be posted to Twitter. If you want to turn off chat, please use Producer web and select the box to turn off chats and hearts.

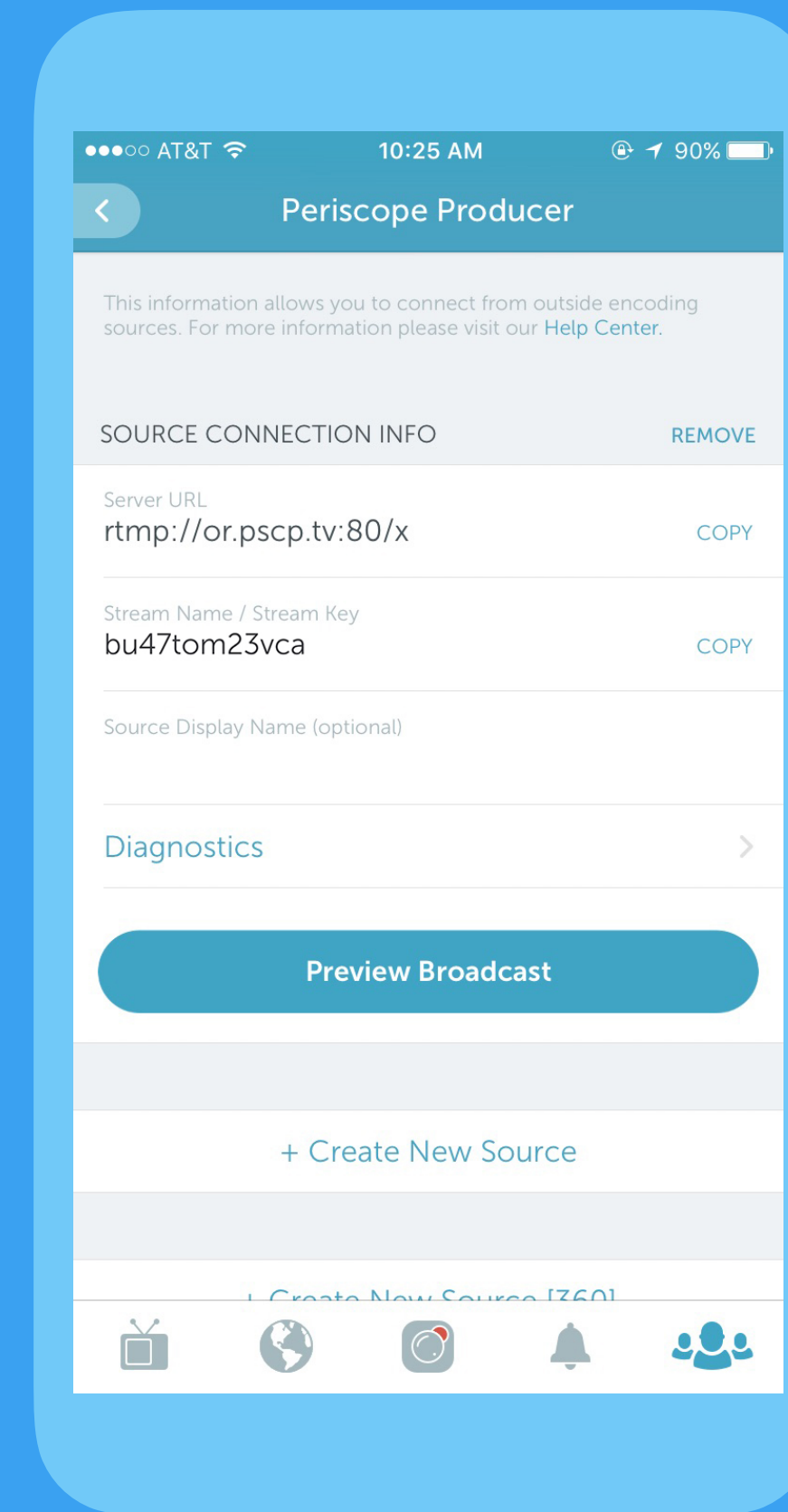
# Starting a Transcoded Producer Broadcast: Mobile View



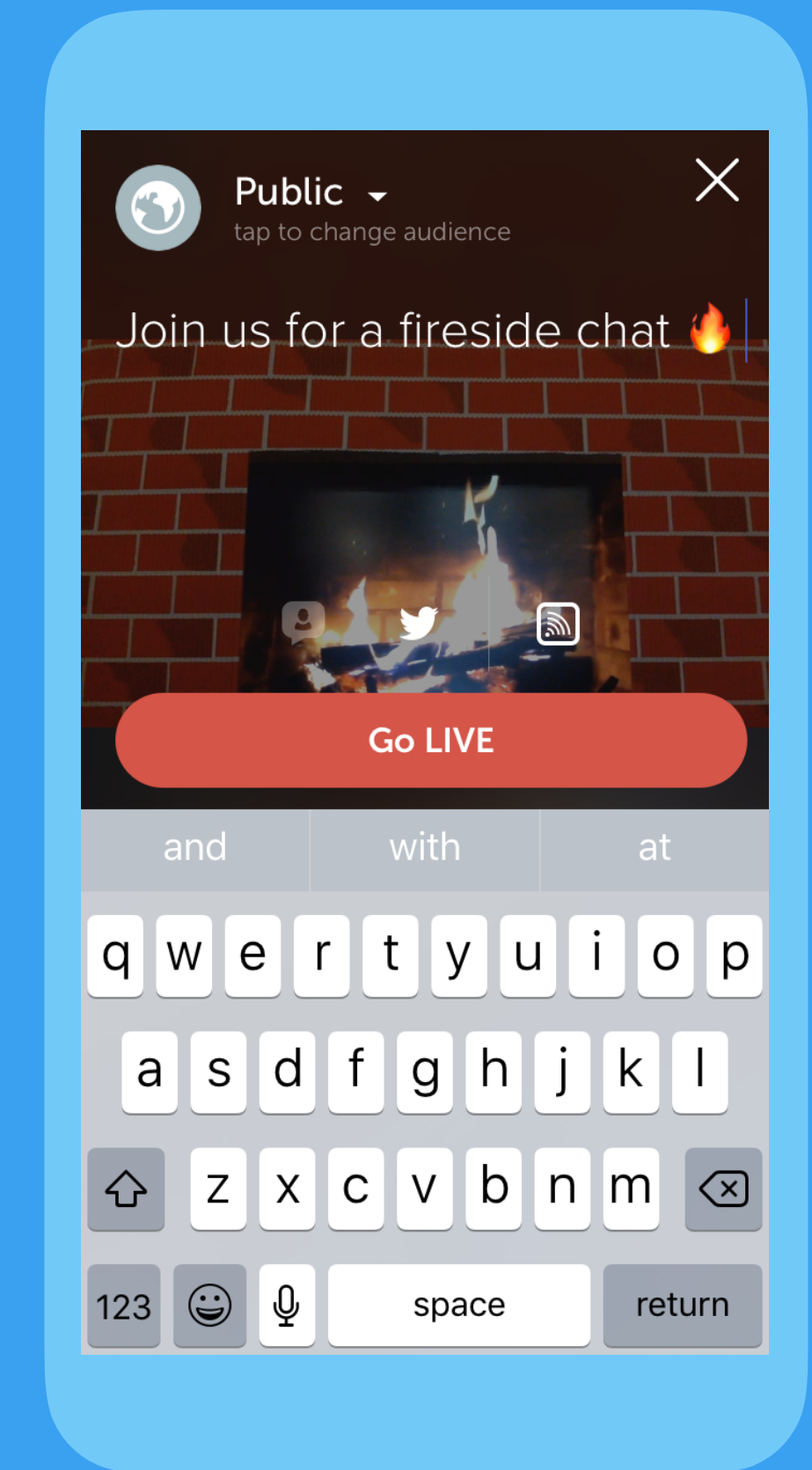
**Step 1:** Obtain the RTMP publishing information from the app settings. Select normal or low latency. Normal latency is best for highest-quality playback and is on by default. Low latency is best for broadcasters interacting with comments from the audience.



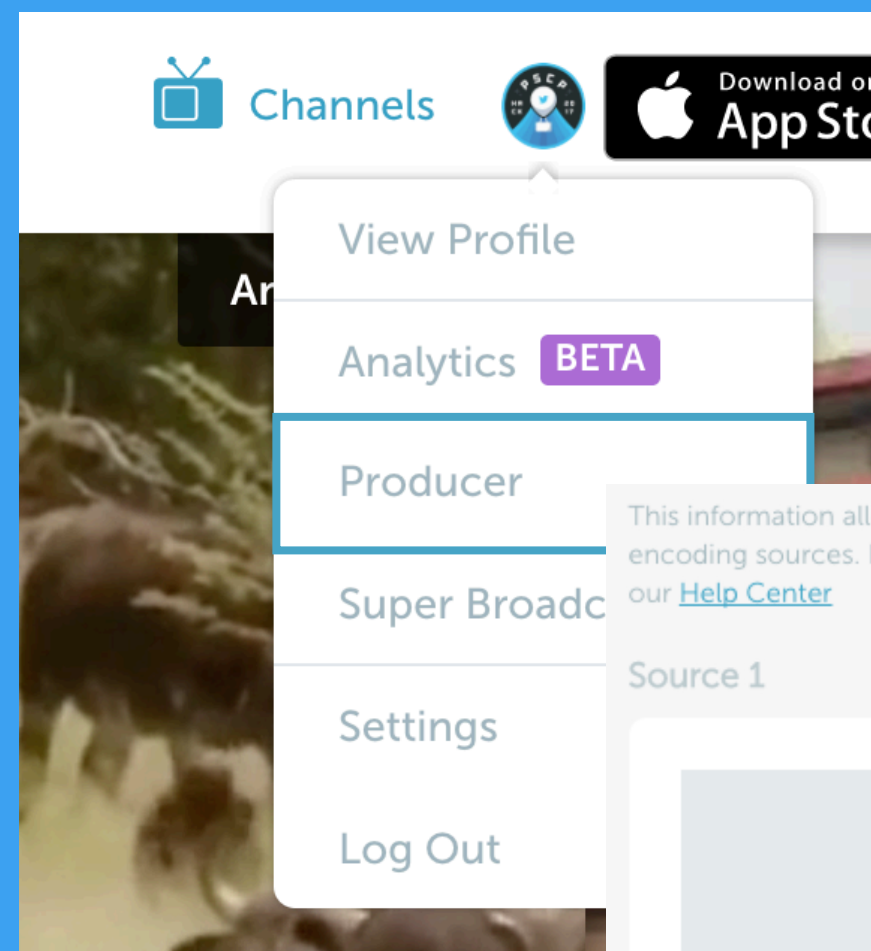
**Steps 2 – 3:** Input this information into your encoder and configure the encoding specifications, then start streaming.



**Steps 4 – 5:** Preview the stream in the app. Make sure share to Twitter is selected, then start the broadcast.



# Starting a Transcoded Producer Broadcast: Web View



**Step 1:** Obtain the RTMP publishing information on web by clicking on your avatar and selecting Producer.

For best results:

Select the region closest to where you are broadcasting. If you are unsure which region to select, visit [signer.pscp.tv](http://signer.pscp.tv).

Select normal or low latency. Normal latency is best for highest-quality playback and is on by default. Low latency is best for broadcasters interacting with comments from the audience.

This information allows you to connect from outside encoding sources. For more information please visit our [Help Center](#)

[Create New Source](#)

Source 1

Checking for Source...

Server URL [Edit Region](#)  
rtmp://or.pscp.tv:80/x

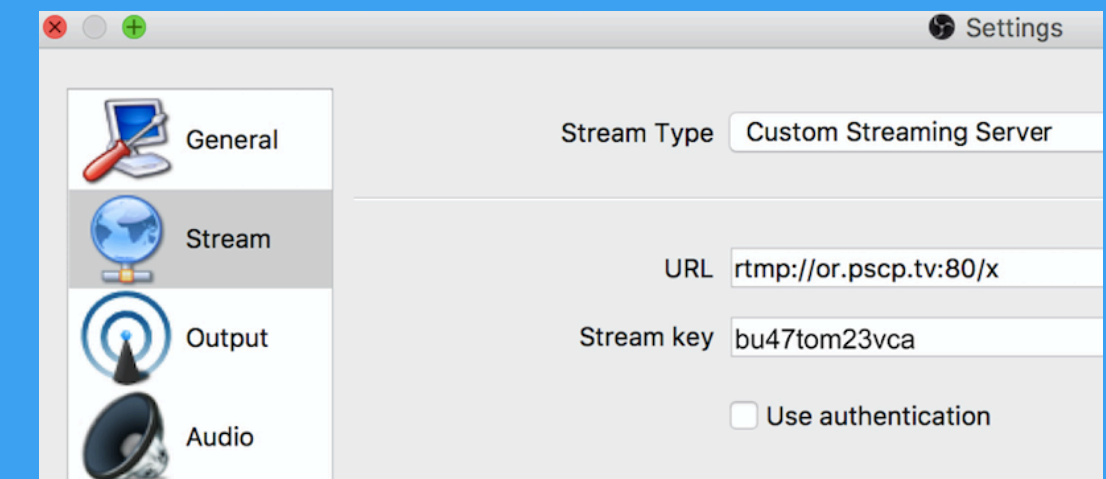
Stream Name / Stream Key  
bu47tom23vca

Source Display Name (optional)

Low Latency ⓘ

### Warnings

Audio codec	AAC
Audio sampling rate	44.1 kHz
Audio bitrate	96.509 kbps
Audio num channels	2
Video codec	AVC
Video bitrate	1009.3820000000000
Video framerate	29.994340690435767
Video keyframe interval in seconds	2
Video width	720 px
Video height	720 px



**Steps 2 – 3:** Input this information into your encoder and configure the encoding specifications, then start streaming.

Checking for Source...

Stream Name / Stream Key  
dxy3qw7b8nh

Source Display Name

For best results, please select the location closest to where you are broadcasting.

- ap-northeast-1
- ap-northeast-2
- ap-south-1
- ap-southeast-1
- ap-southeast-2
- ca-central-1
- eu-central-1
- eu-west-1
- sa-east-1
- us-east-1
- us-east-2
- us-west-1
- us-west-2

Audio num channels: 2

Video codec: AVC

Video bitrate: 1009.3820000000001 kbps

Recommended bitrate: 96 kbps

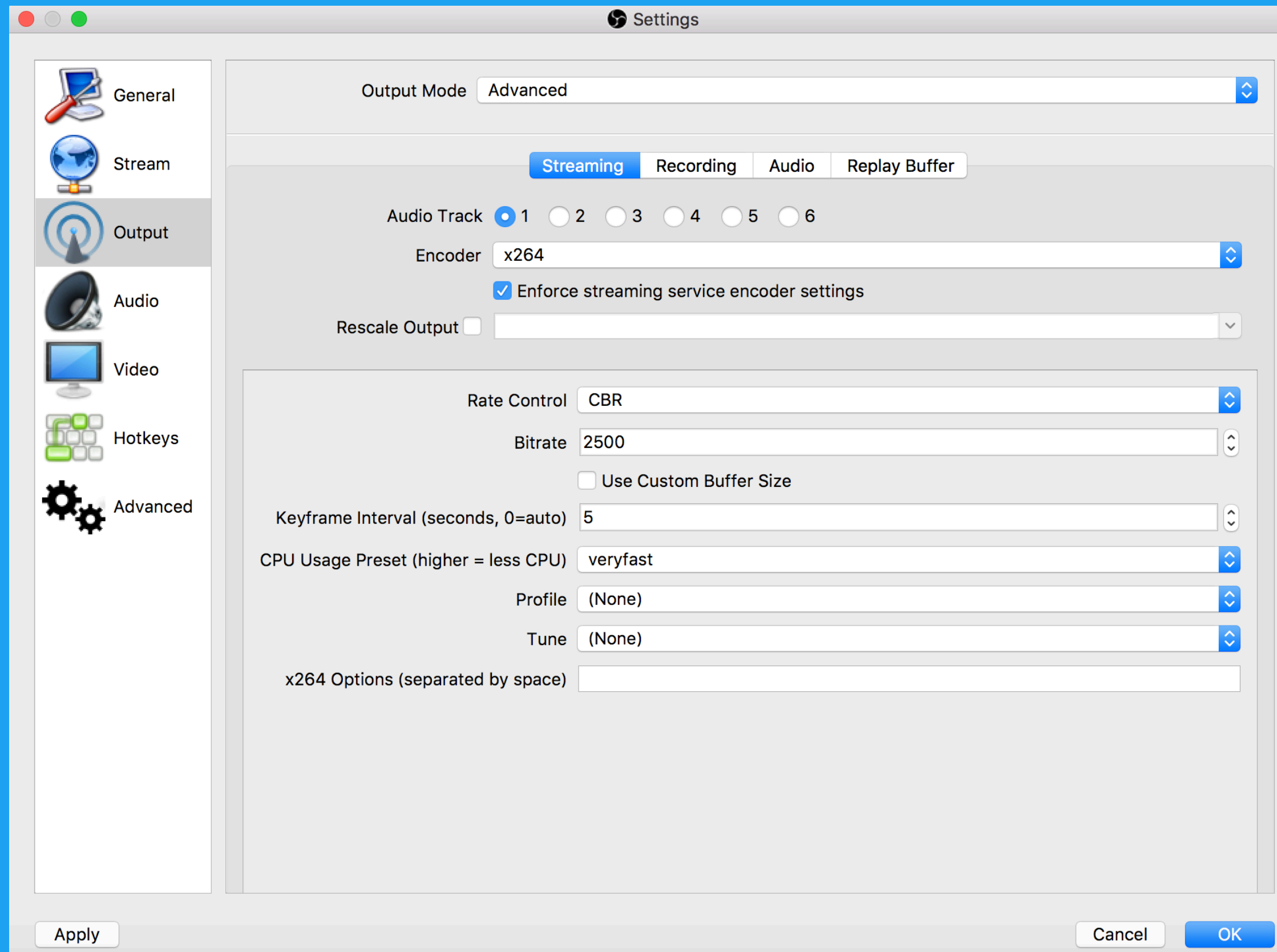
**Steps 4 – 5:** Preview the stream on web. Make sure share to Twitter is selected, then start the broadcast.

# Supported Transcoding Specifications

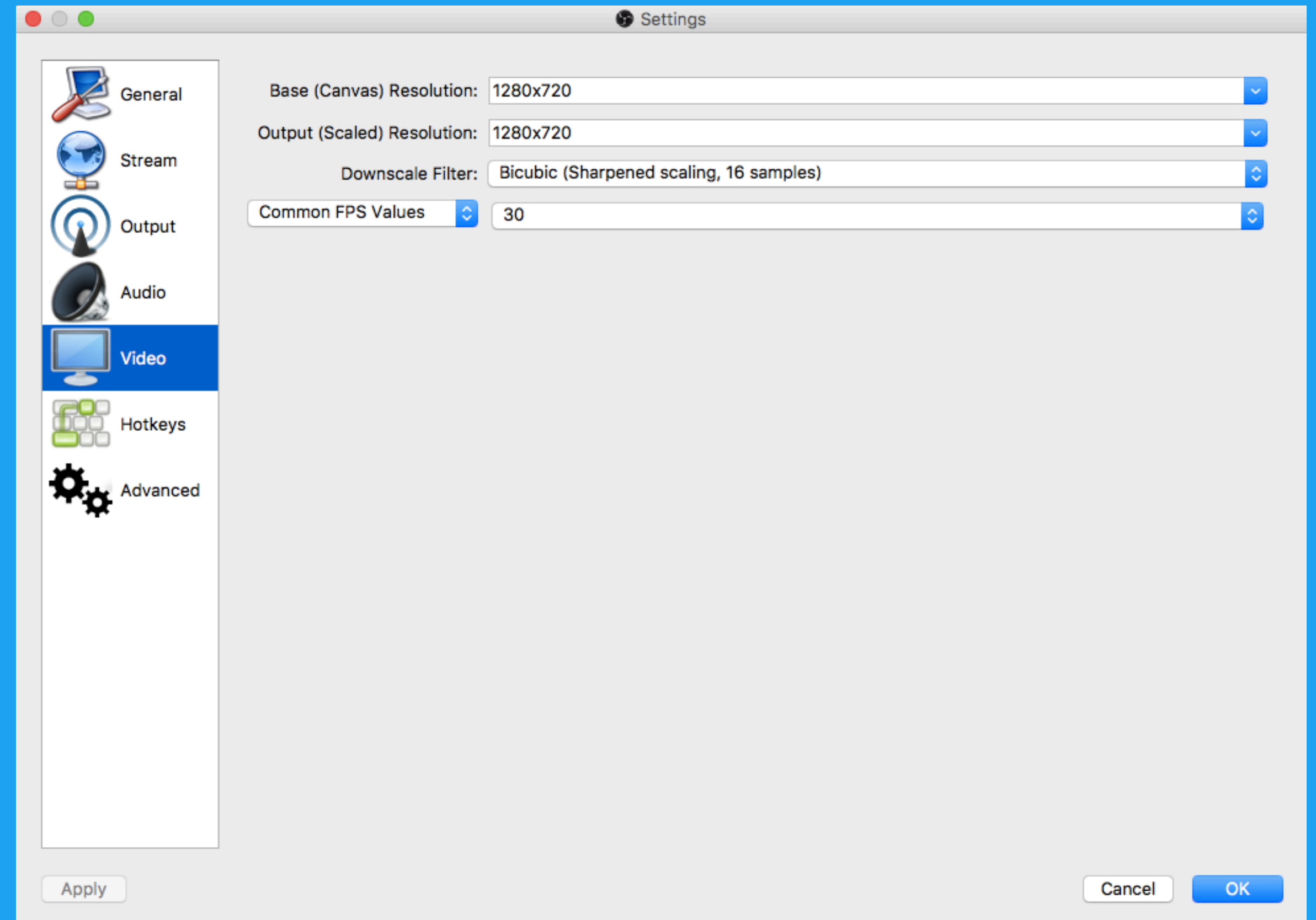
<b>Video bitrate</b>	<b>2,500kbps recommended, supports up to 4000kb/s</b>
<b>Audio bitrate &amp; format</b>	<b>128k AAC-LC (maximum)</b>
<b>Framerate</b>	<b>30fps</b>
<b>Resolution</b>	<b>1280 x 720</b>
<b>Keyframe interval</b>	<b>Every 5 seconds (OBS) or Keyframe every 150 frames (Wirecast)</b>

Supported encoders and services: OBS, Wirecast, Teradek, Elemental, SwitchboardLive, LiveStream, FFMpeg, Tricaster, Telescope, LiveU, vMix, Vidpresso, [restream.io](https://restream.io)

# Encoder Specifications for Transcoding: Detailed View



Detailed view of OBS advanced output settings. Note: some encoders refer to Keyframe interval in frames, in which case set to every 60 frames.



Detailed view of OBS video settings.

Support: For issues that cannot be fixed using these resources, please get in touch via [help@pscp.tv](mailto:help@pscp.tv) and include your username, the device you're using, a detailed description of the problem, and screenshots.

# Starting a 360 Transcoded Producer Broadcast

Available for Available for iOS, Android, and web.

**Step 1:** From the Settings area in the app, select Advanced Sources. Tap to create an additional **360** source, and take note of the RTMP publishing information (Publishing URL, Stream Name). Alternately, on web, click on your avatar and select Producer to access this information.

**Steps 2-5:** Follow the instructions on page 2, and configure the streaming settings with the exact specifications listed here.

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<b>Video bitrate</b>	<b>7 Mb/s</b>
<b>Audio bitrate &amp; format</b>	<b>64kb/s - 96 kb/s AAC or AAC-LC</b>
<b>Framerate</b>	<b>30fps</b>
<b>Resolution</b>	<b>1440 x 720</b>
<b>Keyframe interval</b>	<b>Every 5 seconds (OBS) or Keyframe every 150 frames (Wirecast)</b>

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Supported cameras: Insta360 Nano, Insta360 Air, Ricoh Theta S, Orah 4i

Supported encoders and services: OBS, Wirecast, Teradek, Elemental, SwitchboardLive, LiveStream, FFMpeg, Tricaster, Telescope, LiveU, vMix, Vidpresso, Restream.io