

# COGO LIVE 4K Manual ver. 2.0

## COGO LIVE 4K

This manual will cover the operation of COGO LIVE 4K version 2.0

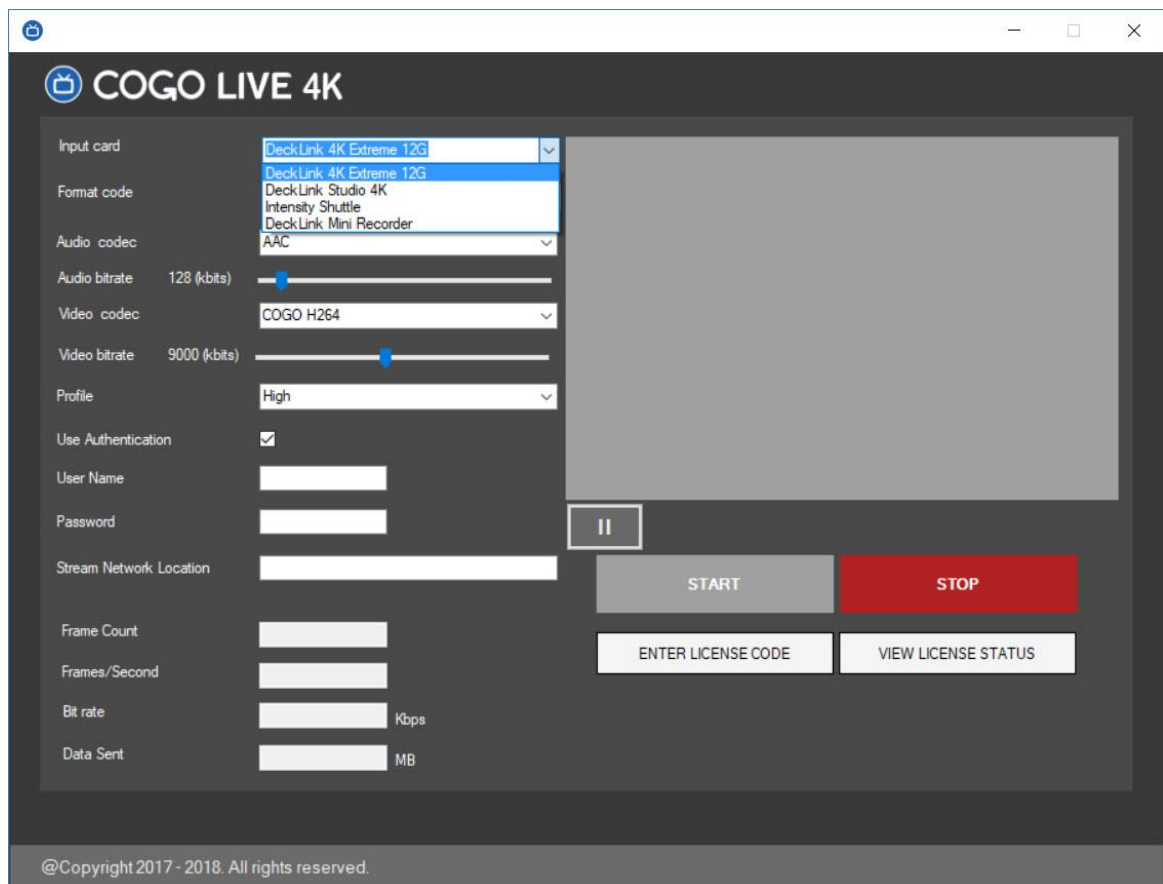
COGO LIVE 4K comes preinstalled in bundled computers so no installation is required.

## License

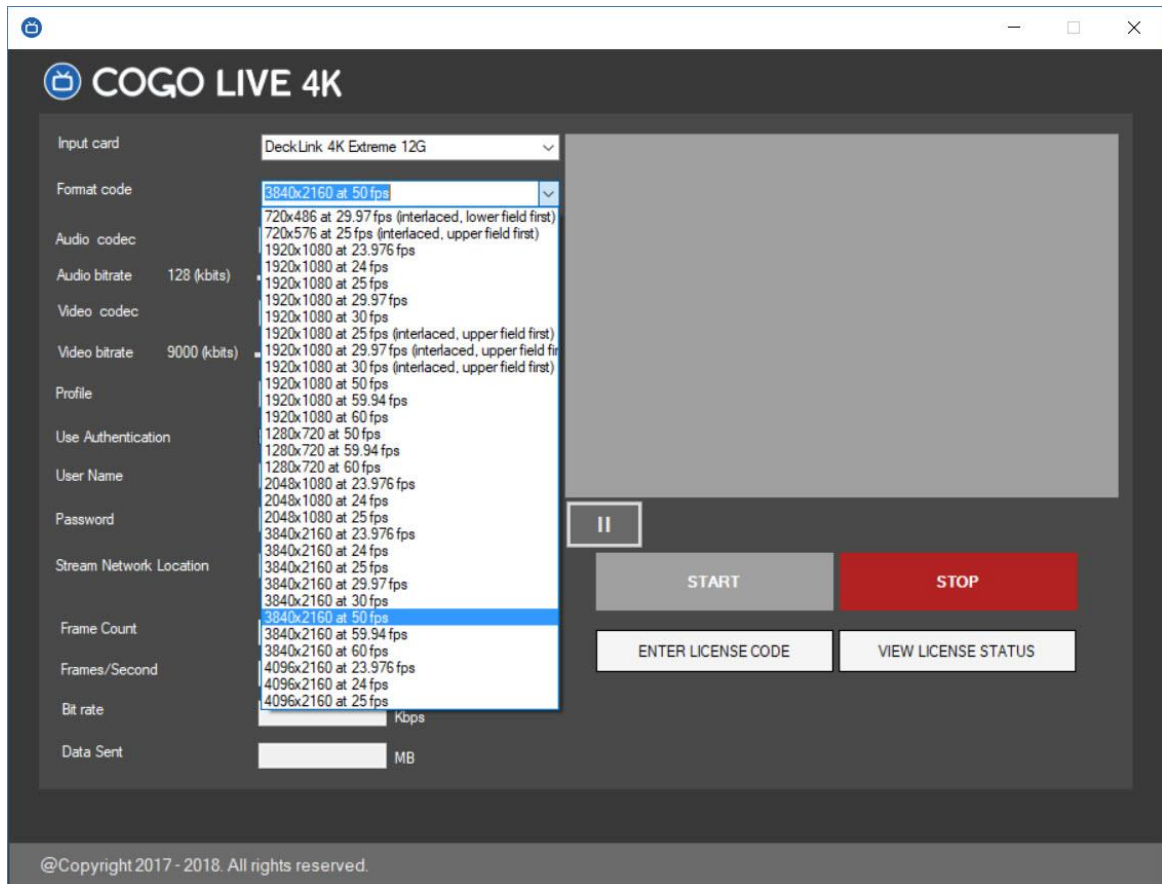
A license code will be provided by NewCinema or one of its distribution partners that will allow the software to start. If you need to re-enter the code for some reason use the ENTER LICENSE CODE button. To view your license status use the VIEW LICENSE STATUS button.

## Streaming setup

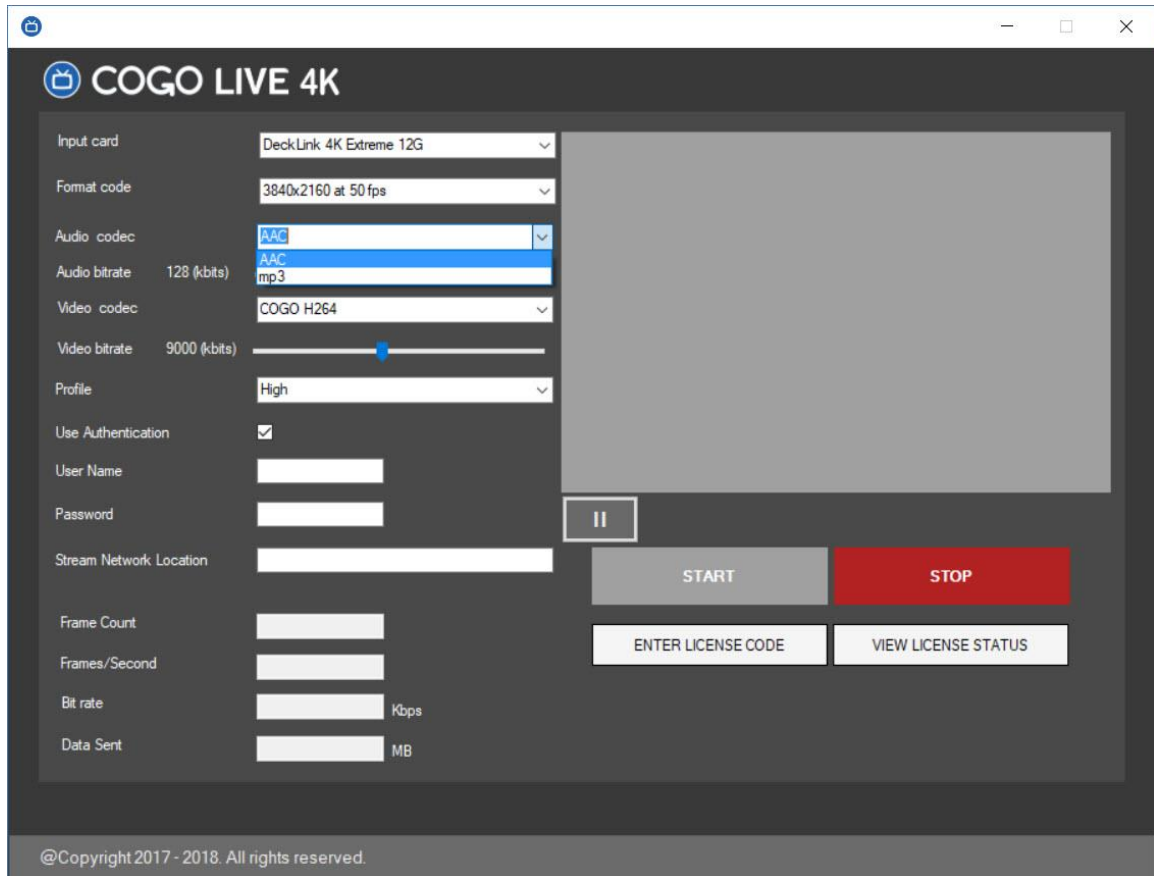
1. Selecting the capture card installed in the system.  
Select the capture card installed in your computer. For COGO LIVE 4K this should always be the Decklink 4K Extreme 12G  
(support for other cards may be added in future versions of the software).



2. Selecting the resolution and frame rate for the incoming video signal.  
Select the proper video resolution and frame rate from the drop-down list.



3. Select the desired audio codec from the drop-down list.

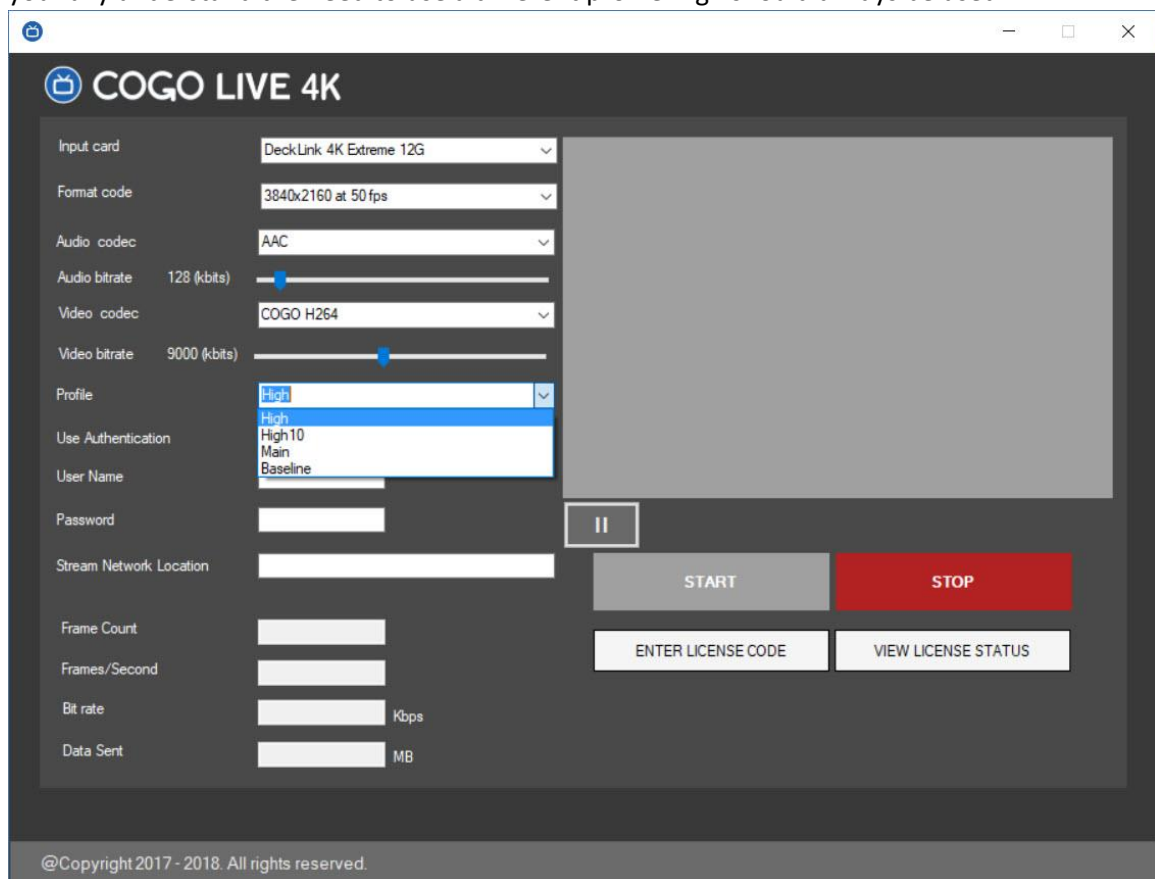


4. Use the slider to set your desired audio bit rate
5. COGO H264 is the only setting for video codec in this version of COGO LIVE 4K, other codecs will be added in later versions of the software.
6. Use the slider to select the desired bit rate for the video stream. See chart below for recommended bit rates.

Resolution/Fps	Bit Rate
4096x2160 at 25/24/23.98 fps	12Mbps
3840x2160 at 60/59.94 fps	12Mbps
3840x2160 at 50 fps	10Mbps
3840x2160 at 30/29.97 fps	9Mbps
3840x2160 at 25/24/23.98 fps	8Mbps
1920x1080 at 60/59.94 fps	4.5Mbps

<b>1920x1080 at 50 fps</b>	<b>4Mbps</b>
<b>1920x1080 at 30/29.97 fps</b>	<b>3.5Mbps</b>
<b>1920x1080 at 25/24/23.98 fps</b>	<b>3Mbps</b>
<b>1280x720 at 60/59.94 fps</b>	<b>2Mbps</b>

7. Select your desired profile from the drop-down box. High is the recommended profile. Other profiles include High 10 (for 10 bit video), Main and Baseline for older device support. Unless you fully understand the need to use a different profile High should always be used.



8. Use Authentication check box. To use authentication, check the Use Authentication box and the fields for username and password will appear. This authentication is consistent with standard authentication methods used by Adobe, Wowza, and Akamai. For authentication in the form of a stream key such as YouTube, Facebook, and Twitch uncheck the Use Authentication box and add the stream key to the URL in the Stream Network Location dialog box.
9. Stream Network Location. Enter the URL for the network stream location in the dialog box. For example;  
rtmp://yourcnd.com:1935/streamname/streamkey

10. Click start to begin streaming.

## Monitoring

1. Frame count. This read out gives you a frame count for the streaming video.
2. Frames/Second. This read out gives you the frames per second or fps of the stream
3. Bit rate. This read out gives you the bit rate of the stream in Kbps (kilo bits per second).
4. Data Sent. This read out gives you the data sent vis the stream in MB (megabytes).

