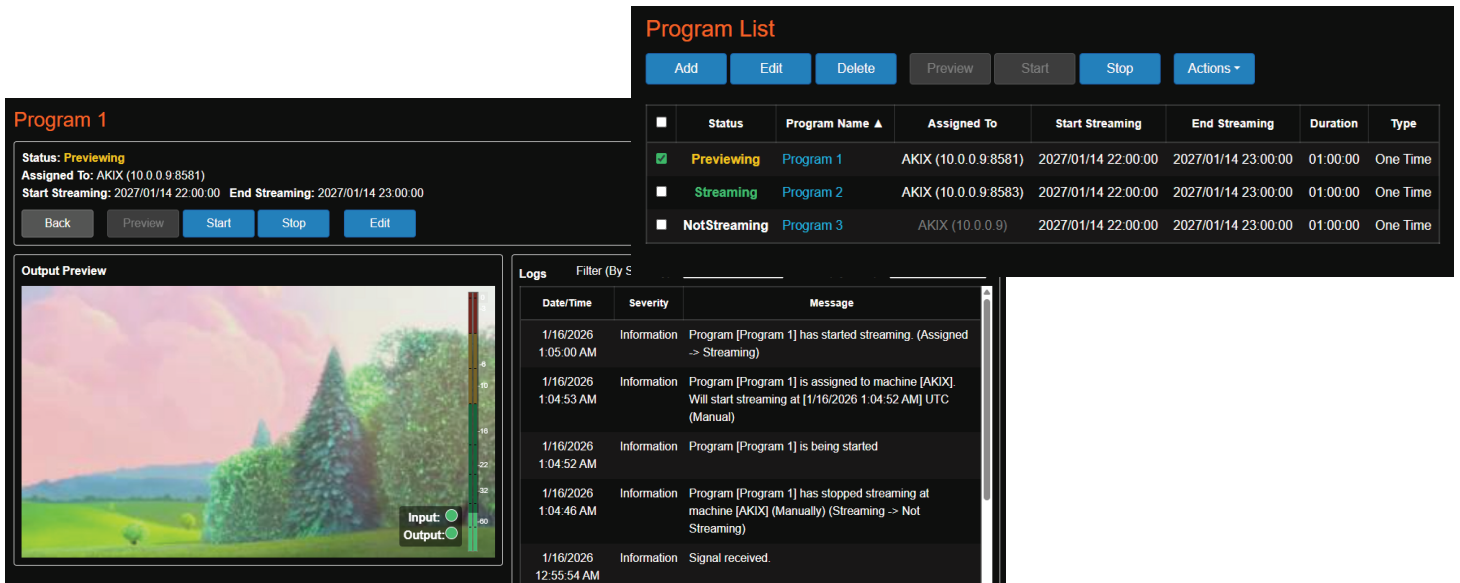


# Cambria Stream Solo

## On-Premise Live Encoding

Cambria Stream Solo is an on-premise encoding solution for professional live streaming, delivering high-quality, reliable streams for broadcasters, production companies, and event operators of any size.



**Program List**

Buttons: Add, Edit, Delete, Preview, Start, Stop, Actions ▾

Status	Program Name ▲	Assigned To	Start Streaming	End Streaming	Duration	Type
Previewing	Program 1	AKIX (10.0.0.9.8581)	2027/01/14 22:00:00	2027/01/14 23:00:00	01:00:00	One Time
Streaming	Program 2	AKIX (10.0.0.9.8583)	2027/01/14 22:00:00	2027/01/14 23:00:00	01:00:00	One Time
NotStreaming	Program 3	AKIX (10.0.0.9)	2027/01/14 22:00:00	2027/01/14 23:00:00	01:00:00	One Time

**Program 1**

Status: **Previewing**  
Assigned To: AKIX (10.0.0.9.8581)  
Start Streaming: 2027/01/14 22:00:00 End Streaming: 2027/01/14 23:00:00

Buttons: Back, Preview, Start, Stop, Edit

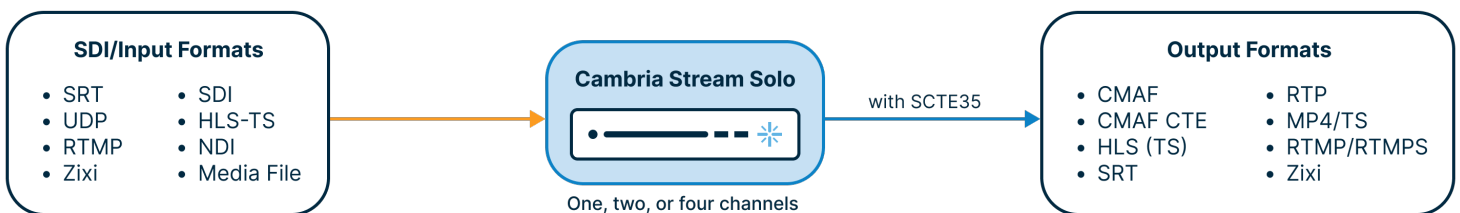
**Output Preview**

Visual output of a landscape scene with a color calibration bar on the right. Input and Output status indicators are shown at the bottom right.

**Logs** Filter (By S)

Date/Time	Severity	Message
1/16/2026 1:05:00 AM	Information	Program [Program 1] has started streaming. (Assigned -> Streaming)
1/16/2026 1:04:53 AM	Information	Program [Program 1] is assigned to machine [AKIX]. Will start streaming at [1/16/2026 1:04:52 AM] UTC (Manual)
1/16/2026 1:04:52 AM	Information	Program [Program 1] is being started
1/16/2026 1:04:46 AM	Information	Program [Program 1] has stopped streaming at machine [AKIX] (Manually) (Streaming -> Not Streaming)
1/16/2026 12:55:54 AM	Information	Signal received.

Stream Solo is built on the same high-performance encoding technology that powers Capella’s broader Cambria portfolio, including Cambria FTC, Cambria Packager, Cambria Live, and Cambria Stream. As a software-based solution, it can be deployed on a wide range of hardware platforms, enabling high-density streaming at a lower total cost.



Stream Solo can function as a full stream origin, generating all required profile variants, or as a high-quality contribution encoder feeding Cambria Stream engines in the cloud. It supports a broad set of professional inputs - including RTP, SRT, and RTMP - and can encode and package content for delivery via HLS, MPEG-DASH, SRT, Zixi, or file-based outputs.

Cambria Stream Solo supports one live channel. The product is also available as Stream Duo (2 channels) and Stream Quad (4 channels).

## Features

SCTE35 Support	Manual Ad Insertion	Record and Clip	Easy-to-use Web UI
Stable 24/7 Encoding	High-quality Preview	Subtitle Support	Multi-Channel Support

## Import Formats

Formats	Containers	Video Codecs	Audio Codecs
<ul style="list-style-type: none"> <li>• SRT</li> <li>• UDP</li> <li>• RTMP</li> <li>• Zixi</li> <li>• SDI</li> <li>• HLS-TS</li> <li>• NDI</li> <li>• Media File</li> </ul>	<ul style="list-style-type: none"> <li>• F4V/FLV</li> <li>• MP4</li> <li>• MPEG 1-PS</li> <li>• MPEG 2-PS</li> <li>• MPEG 2-TS</li> </ul>	<ul style="list-style-type: none"> <li>• DV25</li> <li>• H.264</li> <li>• HEVC/H.265</li> <li>• MPEG 1</li> <li>• MPEG 2</li> <li>• Windows Media Video</li> </ul>	<ul style="list-style-type: none"> <li>• Linear PCM</li> <li>• MPEG 1 Layer 2</li> <li>• MPEG 2 AAC</li> <li>• Windows Media Audio</li> </ul>

## Export Formats

Formats	Video Codecs	Audio Codecs
<ul style="list-style-type: none"> <li>• CMAF</li> <li>• CMAF CTE</li> <li>• HLS (TS)</li> <li>• SRT</li> <li>• RTP</li> <li>• File (MP4/TS)</li> <li>• RTMP/RTMPS</li> <li>• Zixi</li> </ul>	<ul style="list-style-type: none"> <li>• H.264 (x264)</li> <li>• HEVC (x265)</li> <li>• H.264 (NVENC)</li> <li>• HEVC (NVENC)</li> <li>• HEVC (Dolby Vision Profile 5)</li> </ul>	<ul style="list-style-type: none"> <li>• AAC</li> <li>• HE-AAC</li> <li>• HE-AAC v2</li> <li>• Dolby Digital</li> <li>• Dolby Digital Plus</li> </ul>

## Recommended Hardware Requirements

### *Cambria Stream Solo* (1 Channel)

**OS:** Ubuntu 24.04 LTS  
**CPU:** AMD Ryzen 7 9700X or Intel Xeon w5-2445  
**Memory:** 16GB DDR5-5600  
**Network Adapter:** 10GbE  
**System Drive:** 1TB NVMe M.2 Enterprise SSD

### *Cambria Stream Solo* (4 Channels)

**OS:** Ubuntu 24.04 LTS  
**CPU:** AMD Ryzen 9 9900X or Intel Xeon w5-2465  
**Memory:** 32GB DDR5-5600  
**Network Adapter:** 10GbE  
**System Drive:** 1TB NVMe M.2 Enterprise SSD