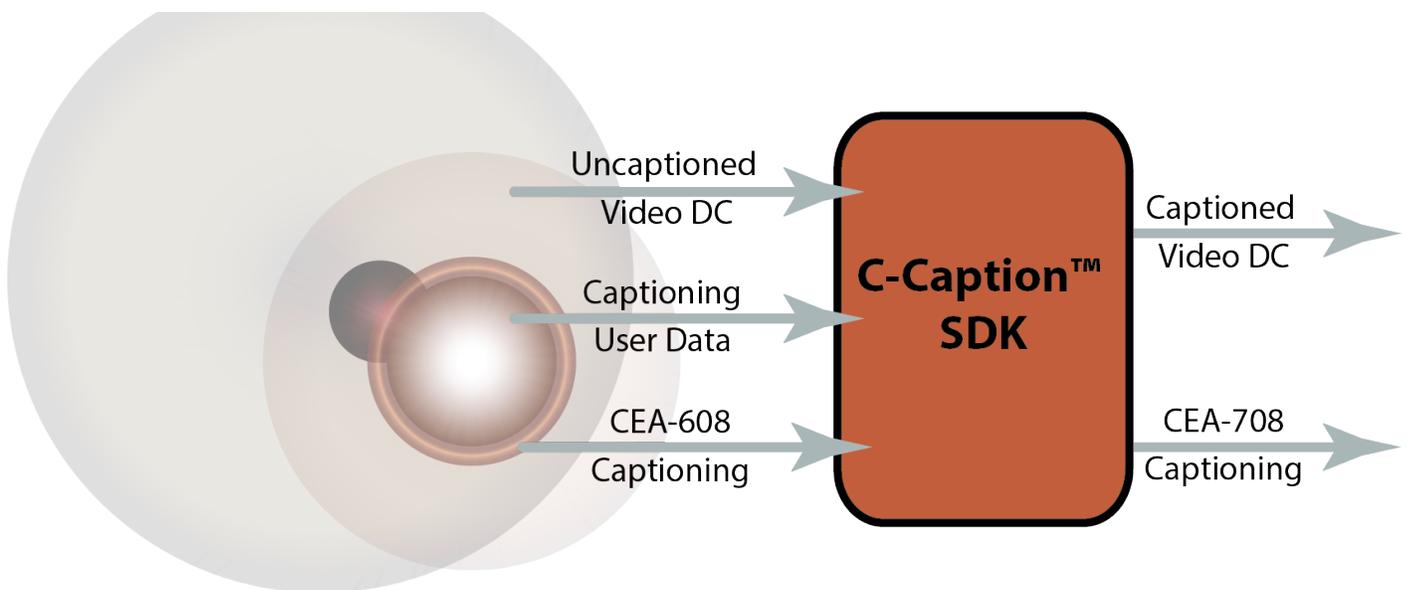


C-Caption™ Software Development Kit

Add closed captioning to your video application



- Render CEA-708 & 608 closed captioning onto video frames
- Translate CEA-608 captioning to equivalent CEA-708 captioning

C-Caption SDK

The C-Caption™ SDK is a simple to use C library, with associated headers and documentation, which enables a video decoder to render the embedded closed captioning as text onto the corresponding video frames.

Inputs:

Device Context (handle) that conforms with the target video frames to be overlaid

Closed Caption DTVCC user_data as CEA-708

CEA-608 caption stream

Outputs:

Caption text characters properly synchronized and rendered to the input Device Context for compositing onto the video frames

CEA-608 to CEA-708 precise translation

Text Log Files of 608 and 708 streams interpreted to English (optionally enabled)

On-screen display (outside 'Safe Title area') of 608 and 708 streams interpreted to English (optionally enabled)

Possible Applications:

Closed Caption Display Visualization on Associated Decoded Video

Open Captioning (compositing permanent 'Subtitles')

Captioning Quality Inspection

Closed Captioning Analyzer

CEA-708 captioning support from CEA-608 captions

Caption Stream Debugging and Verification

Specifications:

Compliance: CEA-708-E and CEA-608-F

Extended Character Sets: Chinese, Danish, English, Finnish, French, German, Hebrew, Italian, Japanese, Portuguese, Spanish, Swedish, & Taiwanese

Supports Unicode text character set

OS Compatibility: MS Windows, Mac OS, and Linux

C Caption™ is optimized for minimal processor load and faster than real-time operation with multiple 608 and 708 captioning channels.

What is included:

Programming Manual

C Header Files

.DLL file

Sample caption-enabled application program (with source code)



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