



Multiformat video encoding software

Uncompromising quality, speed and control

Telestream Episode® multiformat encoding software provides the highest quality video transcoding for the entire digital post-production workflow – from camera to delivery – with remarkable speed, powerful controls and cross-platform scalability at an affordable price. It's easy to use: an intuitive drag-and-drop graphical user interface and workflow builder simplifies the encoding process.

Designed for the entire production workflow

One of the challenges in post-production is to preserve the integrity of your original content while transferring it between incompatible systems in the production workflow. Episode has the quality, filters, formats, and power to handle the entire process from camera to edit and all the way to final delivery.

Excellent picture quality

Best-in-class video processing and fine-tuning compression combine to allow you to generate pristine picture quality at up to 16-bit precision. Episode produces brilliant “true to the original” results for simple transcoding jobs as well as for more complex encoding jobs such as standards conversion. Bumpers, trailers and watermarks can also be added to enhance and protect your video content.

Support for virtually any video and audio file format

Episode supports the widest range of formats in its class, allowing you to repurpose media for websites, mobile devices, television, archive, disk authoring and more. Whatever your encoding needs may be, Episode can handle them.

Fast, robust and reliable

Optimized codecs and multi-thread processing mean ultra-fast encoding speeds. Additionally, the ability to encode multiple jobs in parallel further speeds encoding: Episode Pro allows parallel encoding of two jobs; Episode Engine allows parallel encoding of unlimited jobs.

Speed up with Split-and-Stitch®

Distributed and segmented encoding with Split-and-Stitch lets you fully saturate the power of your multi-core machines for unrivaled transcoding speed.

Hands-on control

Episode was made with the creative professional in mind. Extensive control of codec and filtration parameters, along with a real-time preview, gives you complete hands-on control. The ability to fine-tune the video, with frame-by-frame video preview allows you to quickly and easily adjust your encoding and preprocessing settings.

Watch folder automation

In file-based workflows, automated and shared transcoding are a must, and Episode can easily be configured to automatically pick up and deliver files to network shares and FTP servers. Episode can also be integrated into larger workflows via its command line and XML-RPC interfaces.

Affordable, cross-platform clustering and built-in file sharing

Collaboration and clustering are at the core of Episode's design. Easily join multiple machines together, both Mac and PC, and share encoding work among workstations. There is no need for costly add-ons or IT assistance. Episode's built-in file sharing system makes offloading work from one machine to another a snap. Simply prep your encoding work, send it off to the cluster and get it back when it's done.



Technical Specifications

Episode
Product Sheet

FEATURES	Episode Episode Pro Episode Engine			COMMENTS
	Episode	Episode Pro	Episode Engine	
Extensive format support up to HD resolutions for new media, web, post-production, DVD/Blu-ray and more	■	■	■	MPEG-1/-2/-4, WMV9, VC-1, DV, WebM, 3GPP/3GPP2, M4A, MOV, ProRes*, other QuickTime codecs and more. Optimized Flash 8+9 support.
Graphical workflow builder	■	■	■	Drag-and-drop interface makes building encoding workflows simple.
One-Click Clustering with built-in file sharing	■	■	■	Allows any computer on the network, Mac or PC, to automatically join a transcoding cluster, with simply a click, for maximum flexibility and full scalability.
Monitors	■	■	■	Monitor local, network, or FTP folders for fully automated workflows.
Autodesk Smoke & Flame integration	■	■	■	Browse and monitor Autodesk file systems via Wiretap API
Automatic file deployment	■	■	■	Automatically deliver encoded files to local folders, network shares, FTP servers, and YouTube
Command Line Interface	■	■	■	Enabling custom integrations
XML-RPC interface	■	■	■	Enabling control over IP networks
Full 4:2:2:4 and 4:2:0 support, 10 bit 4:4:4:4 for pro formats	■	■	■	For optimized picture quality.
Choose from many professional templates or flexible custom settings	■	■	■	Full set of pre-built settings templates for ease-of-use. No compression knowledge needed.
Support for up to 24 channels of audio	■	■	■	Channel mapping filter for 24 channels included.
Fully configurable advanced preprocessing filters	■	■	■	Video: black and white restoration, HSV and gamma correction, noise removal, image sharpening. Audio: Including normalize, balance fade in/out.
Powerful preview	■	■	■	Before/after comparison
Bumpers and trailers	■	■	■	Add intro and outro movies to your content.
Picture-in-Picture	■	■	■	Add a picture, animation or a movie as a watermark.
2-pass encoding	■	■	■	For maximum quality (H.264, WMV, MPEG2/4, H.263)
Support for metadata	■	■	■	Add copyright and file info
Closed captions	■	■	■	Pass-through of EIA-608 and EIA-708 in ATSC A/53, SCTE-20 and VBI in-band Close Captions when encoding MPEG-2 video; conversion of NTSC-CC types including VBI in-band to EIA-608 or SCTE-20. H.264 captions.
Support for .SCC closed caption files	■	■	■	
Support for alpha channels	■	■	■	Transparency, blue/green screen and Flash encoding
Advanced standard conversions	■	■	■	Comparable to hardware
Advanced deinterlace filters	■	■	■	Produce the best possible progressive output even when the source material has been edited and cut.
Full field order handling	■	■	■	Change field dominance
Hinting (streaming)	■	■	■	According to IETF, ISMA and 3GPP
Automatic input format detection	■	■	■	Video codec, audio codec, color sampling, frame rate, pixel aspect, audio sampling
Resizing and resampling algorithms	■	■	■	Give the best quality for small-screen, low-bandwidth display devices and when upscaling from SD to HD.
Frame-rate conversion	■	■	■	NTSC to/from PAL; 3:2 pulldown, 2:3 pulldown
Inverse telecine	■	■	■	Even when the source material has been edited and cut
Transcode while ingest	■	■	■	With Telestream Pipeline
Unlimited batch processing	■	■	■	Prioritize encoding and add files and settings to the batch while running; create bookmarks to source folders.
Support for surround sound encoding 5.1, 7.1	■	■	■	Transport Streams and more.
Parallel encoding, number of jobs:	1	2	**	Speeds up encoding by allowing multiple jobs to be processed in parallel.
Professional format support	■	■	■	MXF, GXF, IMX, AVC-Intra, MPEG-2/-4 Transport Streams, and more.
Split-and-Stitch® distributed encoding	■	■	■	Enables distributed and segmented encoding.
Pro Audio option	■	■	■	Separate purchase option that adds support for Dolby ACE, AAC-HE, AAC-LC, and AMR audio codecs
EDL conforming	■	■	■	
Episode Developer API Kit Option	■	■	***	Enables distributed and segmented encoding.

*ProRes encoding supported on all Mac versions and on Episode Engine for Windows on Windows Server 2008 and 2012. **Unlimited ***Optional

