

Work from anywhere - at the highest quality - without the need for external encoders or difficult-to-manage & expensive fiber networks.

Spectra is a software-based streaming encoder designed to work with popular creative applications and hardware devices via plugins, with support for Avid Media Composer & Pro Tools, Adobe Creative Suite, DaVinci Resolve, Unreal Engine, NDI Streams, Blackmagic I/O devices, Apple's iSight/Core Video and more in the works!

Spectra is also available as a SaaS application for cloud-based workflows!

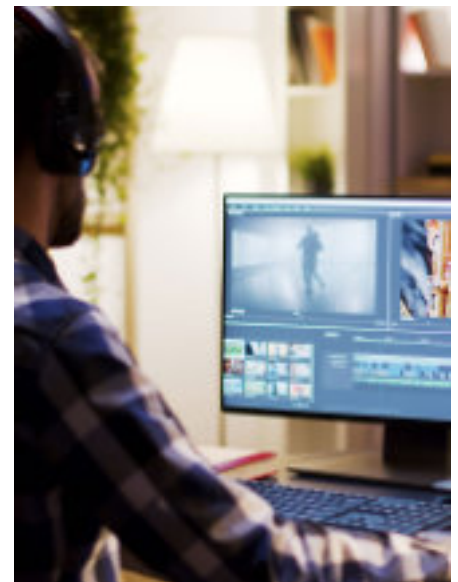
KEY FEATURES

- Dual Stream Output
- 8, 10, 12-bit & HDR
- HD, 2K, UHD & 4K Resolution
- RGB 4:4:4, 4:2:2 & 4:2:0
- 3D LUTs
- AES 128-bit Encryption, optional 256-bit
- Point-2-Point & One to many streaming (via Cloud)
- Bitrates up to 100 Mbps
- 8-Ch 5.1 & PCM audio | 16-Ch option
- 16 Ch Audio supports Dolby Atmos® Workflows
- Audio Monitoring with 7.1 downmix & level control
- Bonded transport via cell, SNG, Wi-Fi or Ethernet

SPECTRA WILL CHANGE THE WAY YOU WORK

Spectra extends the functionality of editing, VF/X and color grading systems to include remote collaboration and reviews over IP. Dual stream output supports a low latency (2 frames), reference quality feed; second output can be used for remote sessions with multiple collaborators at up to 4K 4:4:4 12-bit.

Spectra runs on macOS, Windows and Linux platforms. It can also be deployed as a SaaS app for virtual Cloud-based applications, such as Autodesk Flame, DaVinci Resolve, Avid Media Composer and Unreal Engine.



PRODUCT INTEGRATIONS

AVID	
	AVID Media Composer & Pro Tools [Windows + macOS]
	AVID Media Composer Cloud VM
ADOBE	
	Premier Pro & After Effects [Windows + macOS]
	Prelude & Character Animation [Windows + macOS]
BLACKMAGIC	
	DaVinci Resolve [Windows + macOS + Linux]
	UltraStudio Recorder + Decklink [Windows + macOS + Linux]
Epic Games	
	Unreal Engine 5.1 [Windows + macOS]
MISC	
	NDI Video & Audio [Windows + macOS]
	USB Video & macOS iSight Camera / Core Video

SOFTWARE OPTIONS

	12-bit, 4:4:4 (supports Dolby workflow)
	AES 192-bit and AES 256-bit Encryption
	16-ch Audio

TECHNICAL SPECIFICATIONS

RESOLUTION	
	4K, UHD, 2K, HD, SD
COLOR	
	Rec.709, Rec.2020, P3
	8, 10, 12-bit depth, HDR
	RGB, XYZ, YUV, 4:4:4, 4:2:2, 4:0:0
AUDIO	
	Up to 16-ch PCM* see note 1
	AAC, CELP, GSM - 44.1 and 48 KHz
MISC	
	Bitrates up to 100 Mbps* see note 2
	AJA U-TAP, USB3 (macOS only)
	Streambox ACT-L5 or ACT-L3 codecs

Notes:

1. Depending on authoring application; e.g. Avid Media Composer supports 8-ch
2. Depending on network upload speed