



vMix Thunder

Laptop-based live, multi-camera production studio for broadcast, event production and streaming.

\$2995 USD



Includes

- Full Copy vMix 4K Live Production Software
- Sony Vegas Pro Edit 13 Post Production Software
- AJA Io® 4K Thunderbolt™ I/O Device



Connection Diagram



<p>1 4 HD-SDI Ports 4 bi-directional 3G HD-SDI Connections.</p>	<p>2 RCA Audio Monitor RCA stereo audio output monitoring</p>	<p>3 HDMI In & HDMI Out HDMI v1.4 Input & Output</p>
<p>4 DB-25 Audio Port For professional XLR audio output when used with breakout cable (NOT included)</p>	<p>5 Two Thunderbolt Ports One Thunderbolt port for connection to laptop & an additional Thunderbolt port for daisy chaining</p>	

Technical Specifications

Laptop	Thunderbolt enabled laptop required. See www.vmixthunder.com for a list of supported laptops.
Video Inputs	Up to 4 simultaneous live HD-SDI sources w/embedded audio in any combination of HD and SD format 1 HDMI port can be used in place of one HD-SDI source for 1 HDMI, 3 HD-SDI total
Audio Inputs	Use any compatible USB audio interface with your laptop for optional professional audio I/O (Focusrite, MOTU, M-Audio etc)
Media	Up to 1000 multi-source inputs including video/audio files, PowerPoint (Microsoft Office Req.), DVD, graphics, streams, desktop apps, titles, live social media. Network sources limited only by bandwidth. No artificial DDR players, all imported clips are live and ready to play.
Transitions	Cut, Fade, Zoom, Wipe, Slide, Fly, CrossZoom, FlyRotate, Cube, CubeZoom, VerticalWipe, VirtualSlide, Merge and two custom Stinger channels.
Mix/Effects	Each input includes 5 "Multi View" overlay channels to create complex Mix/Effects. Add logo bugs, lower thirds, titles, text in combinations to create compelling productions
Downstream Keyers	4 DSKs / overlays with individual transitions, alpha channel and custom scaling/positioning
Image Adjustment	Color Correct, Deinterlace, Sharpen, Zoom, Rotate, Pan and Crop any input in real time. All effects are processed in 4:4:4 32bit color space for optimal video quality.
Audio Mixer	Independent control and monitoring of all audio sources with Mute, Solo, Follow (Auto Mixing), Delay, EQ, Compressor and Gain
Virtual Sets	5 built-in sets with full motion camera presets and high quality GPU-based chroma key. Easily build your own virtual set using standard tools.
Desktop capture	Included screen capture from local/remote PC - Mac Sources
Instant Replay	Single camera instant replay system built in with continuous recording and playback
Controllers	Includes standard keyboard & mouse control with configurable shortcuts/macros. Optional vMix Control Surface available. Built in Web Controller can be used to control vMix from any web connected device on the local network. MIDI supported.
Social Media	Integrated application for live or queued insertion of Facebook, Twitter or IRC feeds. Approve and control content from any web-connected device
Output	Simultaneous record, stream and output to multiple formats/resolutions
Video Outputs	2x 3G/HD/SD-SDI, 1x HDMI, video output ports on laptop can also be used for output where available
Recording	AVI, MP4, MPEG-2, MOV and MXF for both Program and ISO recordings with a variety of compression formats available
Live Streaming	RTMP streaming to any CDN including USTREAM, Twitch, DaCast, YouTube and more
Multiview	Live multiviewer output to secondary display or HD-SDI with configurable layouts and titles, audio meters and tally display
Supported Live Video Formats	2160P (4K), 1080P, 1080i, 720p and SD Multi Format capable. 23.98, 24, 25, 29.97, 30, 50, 59.94, 60 frame rates supported.