



## StreamMachine™ Studio/Studio Pro

Powerful 3U rack system for live event switching, streaming and recording at an attractive price.



StreamMachine™ Studio/Studio Pro

### Powerful Video Switcher

Switch between 4 or 8 (Studio Pro) HD-SDI sources, 8 USB cameras, unlimited IP cameras, iPhone/iPad cameras, computer screens, locally stored video files and more.

### Live Stream High Quality Video

Easy to configure live streaming to YouTube, Facebook Live or the CDN of your choice. Stream up to 2K resolution to multiple destinations with GPU-accelerated encoder.

### Record Program and ISO's

Record the live program mix as well as all HD-SDI sources as individual files. Plenty of built-in storage to record for days without running out of space. Easy copy to network.

### Easy To Create Effects and Titles

No previous broadcast experience required. Intuitive interface makes it easy to switch camera angles, combine multiple sources in a layout and add titles and effects.

### Virtual Sets and Instant Replay

Select a set design and use chroma key to insert talent live into the scene. Include scoreboards and instant replay for sports broadcasts.

### Use with Conferencing Software

Use GoToMeeting, Skype, Zoom or other conferencing software to turn broadcasts into multi-way meetings. Increase production value with multiple cameras.

### Perfect For:

- Special Events
- Concerts & Performances
- Corporate Conferences
- Worship Services
- Online News Programs
- Sports (HS & College)
- Local Cable TV Programs
- Any Live Event!

### Models


#### Studio

- 4 HD-SDI inputs, 8 CPU, 2TB storage
- Record 800 hours of live program, 12-18 hours with 4 ISO's

#### Studio Pro

- 8 HD-SDI inputs, 12 CPU, 4TB storage
- Record 1,600 hours of live program, 12-18 hours with 8 ISO's

#### Watch Video and Learn More:

 <http://www.1beyond.com/streammachine>

#### Contact 1 Beyond:


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 +1 (617) 591-2200

# StreamMachine™ Studio Technical Specifications

	StreamMachine Studio	StreamMachine Studio Pro
<b>Features and Functionality</b>		
<b>Video Sources</b>	Professional cameras, USB Cameras, IP streams, remote computer screens, iPhone/iPad cameras, Twitter feeds, Skype sessions, web pages, locally stored video files	
<b>Audio Sources</b>	Microphones, Audio Mixer, Embedded SDI audio, locally stored audio files.	
<b>Streaming</b>	Up to 1440p60; GPU accelerated h.264 RTMP stream; presets for CDNs	
<b>Recording</b>	Program: Up to 1440p60 h.264 mp4 (.5-50 mbps); ISO's: MJPEG MOV (30-200 mbps)	
<b>Record capacity</b>	Program only: 800 hours; With 4 ISO's: 12-18 hours	Program only: 1,600 hours; With 8 ISO's: 12-18 hours
<b>Simultaneous Stream &amp; Record</b>	Stream to multiple destinations & record 2 resolutions/bitrates plus 4 ISOs	Stream to multiple destinations & record 3 resolutions/bitrates plus 8 ISOs
<b>Effects/ Compositing</b>	Up to 250 layers. Crop, zoom, rotate, color correct all sources, use chroma key, 11 adjustable speed transitions. Graphical interface for layout design	
<b>Titles</b>	Animated 3D titles, lower thirds, scrolling, crawling or live text, scoreboards, clocks; choose from premade template library or import from Photoshop or After Effects	
<b>Instant Replay</b>	Slow and fast motion replay of all sources & live program; adjustable length	
<b>Virtual Sets</b>	3 built-in virtual 3D sets included; Additional sets and camera angles available	
<b>Audio/Video Sync</b>	Advanced video and audio delay features to sync any audio/video sources	
<b>Audio Mixer</b>	Mix sources, adjust levels; assign audio to any video source; apply VST audio effects	
<b>IP Inputs</b>	Any RTSP/RTMP/HTTP/MMS feed	
<b>Supported HD-SDI input formats</b>	525i29.97; 625i25; 720p 50/59.94/60; 1080p 23.98/24/25/29.97/30/50/59/59.94/60; 1080PsF 23.98/24/25/29.97/30; 1080i 50/59.94/60	
<b>Physical and Hardware Specifications</b>		
<b>Pro Video Inputs</b>	4 x HD-SDI	8 x HD-SDI
<b>USB Inputs</b>	2 USB 3.1 (1 Type-C & 1 Type-A), 8 USB 3.0 (2 Front, 6 Rear)	
<b>Audio Input</b>	2 x 1/4" Balanced Audio, 1/8" mic or line-in	
<b>Program Outputs</b>	1 x HD-SDI, 1 x HDMI	
<b>Video Monitoring</b>	Preview & live monitors & moving picons for all video sources; connect up to 3 displays using DVI-D or HDMI	
<b>Networking</b>	1 x Gigabit Ethernet	2 x Gigabit Ethernet
<b>Hardware</b>	8 CPU, 16GB RAM, Intel graphics,	12 CPU, 16GB RAM, NVidia graphics
<b>Storage Capacity</b>	120GB OS SSD and 2 x 1TB HDD	120GB OS SSD and 2 x 2TB HDD
<b>Software</b>	Windows 10 Professional 64-bit, Wirecast 7 Pro	
<b>Power</b>	500W, 100-240V	
<b>Dimensions</b>	19" x 5.2" x 15.7" (H x W x D), 3U Rack Unit	
<b>Weight</b>	24 lbs	
<b>Accessories</b>		
<b>Included</b>	Recovery USB Stick	
<b>Optional</b>	Control Surface (Director's 24 keypad), Tally lights	

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