



StreamMachine™ Studio/Studio Pro

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



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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

StreamMachine™ Studio Technical Specifications

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

Visit our website at www.1Beyond.com or contact us at sales@1beyond.com or (617) 591-2200.

