SAVI **STREAM.One** video encoder dramatically streamlines system design, cabling, and installation by providing advanced audio-video distribution to individual displays or complex video walls, with just one Cat5 to each display. Featuring SAVI Canvas, STREAM.One provides seamless over the network distribution and makes any video source available, greatly simplifying system expansion. The modular and scalable design means you don't have to pay for inputs you don't need.

KEY BENEFITS

- Featuring a web-based, user-friendly interface, configuration is quick and intuitive with SAVI Creator
- Automatic device discovery streamlines system integration
- HDMI pass-through eliminates the need for an external splitter and multiple HDMI connections
- HDMI input encodes audio and video signals into separate H.264 stream and PCM audio
- Phoenix terminal block provides de-embedded unbalanced audio
- Motion JPEG enables a live preview of active sources directly in Creator and in Facility View
- PoE for clean wiring in every rack and remote power cycle
- Front screen and status LEDs provide at-a-glance information, troubleshooting, and quick configuration
- Custom splash screen image auto displays should the video signal drop, eliminating the "no signal" message

SPECIFICATIONS

Audio

Encoding	PCM audio
Delay	0 - 1500ms delay for analog audio
Sample frequency	44.1 kHz or 48 kHz
Stream	RTP multicast

Video

Bitrate	32 - 32000 kbit/s
Bitrate control	CBR or VBR
EDID selection	Large EDID table with file upload options for expansion
Encoding resolution	Same as input, 1920x1080, 1280x720, 640x480
Frame rate options	5 - 30 FPS
Group of pictures options	5 - 300 GOP
H.264 level	Baseline, main, high
Streams	RTP TS multicast, RTSP unicast, RTSP multicast

SPECIFICATIONS CONT.

Electrical

PoE	802.3af 15.4W
Power consumption	12W
Requirements	12V 1A

Control, Monitoring, and Network

Network connectivity	10/100/1000 Mbps ethernet
LAN port	8pin RJ45 port with status LEDs

Inputs

HDMI input	HDMI input (1)

Outputs

Analog audio	Unbalanced Phoenix terminal block providing de-embedded audio
HDMI pass through	HDMI pass through (1)
Splash screen	Custom splash screen image when video signal drops, thus eliminating "no signal" from showing on displays
Stream out	3 video and 1 audio output stream per unit

Mechanical/Environmental

Dimensions	1.35" x 3.75" x 4.35" (HxWxD)
Mounting	Fits into one slot of our 4-slot chassis (SSC-01)
Operating temperature	32°- 140°F (0°- 60°C)
Storage temperature	4°- 194°F (-20°- 90°C)
Rack spacing	1U
Weight	0.914 lb

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SPECIFICATIONS CONT.

Included Accessories	
Mounting	Screw taps for a secure fit (2)
Power Cord	100V-240V AC to 12 V DC adapter

Optional Accessories	
1U chassis	STREAM.One Chassis (SSC-01)

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