



The **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

Delay	0-1500 ms delay for analog audio
Encoding	PCM 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

**Video**

Frame rate options	5-30 FPS
Group of picture options	5-300 GOP
H.264 level	Baseline, main, high
Streams	RTP TS multicast, RTSP unicast, RTSP multicast

**Control, Monitoring, and Network**

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

**Electrical**

PoE	802.3af 15.4 W
Power consumption	12 W
Power requirements	12 V, 1 A

**Inputs**

HDMI input	1
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**Outputs**

Analog audio	Unbalanced Phoenix terminal block providing de-embedded audio
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 in x 3.75 in x 4.35 in (HxWxD)
Mounting	Fits into one slot of our 4-slot chassis (SSC-01)
Operating temperature	32 to 140 °F (0 to 60 °C)

Mechanical/Environmental

Storage temperature	4 to 194 °F (-20 to 90 °C)
Rack spacing	1U
Weight	0.914 lb

Included Accessories

Mounting	Screw taps for a secure fit (2)
Power cord	100-240 VAC to 12 VDC adapter

Optional Accessories

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