

SaviStreamer

E300 AV-over-IP Encoder



Affordable and Effective
High Definition Low-Bandwidth Streaming Solution

FEATURES

- HD H.264 video (1080p at 60fps)
- AV-over-IP support
- Low-Bandwidth, Energy Efficient
- HDMI, VGA, Analog Ports
- Supports wide array of media sizes and types
- Schedule and record live HD content
- Robust Encoding Fail-safes
- Shared network recording
- Stackable, powerful systems

APPLICATIONS

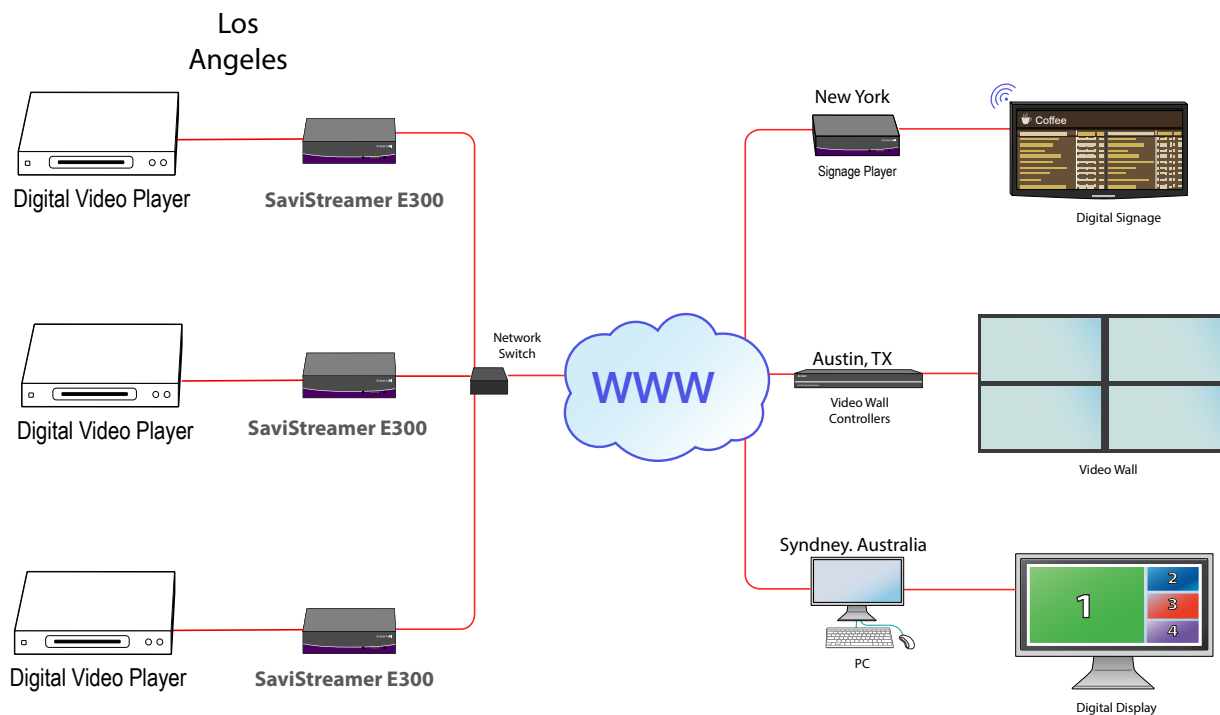
- Live Content Streaming
- Digital Media
- Lightning-fast Video Uploads
- Digital Broadcasts
- Digital Backups
- Audio/Visual Presentations
- Exhibitions
- HD Recording



OVERVIEW

Encode high definition audio-video content to H.264 quality with SmartAVI's brand new, highly affordable SaviStreamer E300. The SaviStreamer Encoder is a cutting edge AV-over-IP device, perfect for streaming HD media at its absolute best quality. Functional with resolutions up to 1080p at 60 frames per second, it can stream to any supporting device, as well as enhance content from local network and remote IP connections. The E300 features intuitive and easy to use SaviStreamer Manager software perfect for optimizing both bandwidth consumption and media quality. The SaviStreamer E300 also works in tandem in other systems and programs, streamlining the stream encoding process to best fit each user.

APPLICATION DIAGRAM



Smart-**AVI** SaviStreamer

SOLUTIONS

SmartAVI's E300 Encoder optimizes and encodes HD audio-visual content to H.264 MPEG media, perfect for high quality distribution with low stress on connected networks. The E300 makes for a particularly effective digital signage and video wall solution, capable of great performance over both local and remote connections. Highly scalable and compatible with many players, the SaviStreamer E300 identifies and connects with corresponding devices seamlessly, all from the convenience of a central PC workstation.

Key Features

- Encode 1080p, 60fps video to HD H.264 MPEG
- Optimized for low-bandwidth consumption
- Supports multiple aspect ratios for proper picture scaling
- Adjust scale, cropping, and picture quality of streams
- HDMI, VGA, and analog connectivity
- Open source encoding for third-party accessibility
- Password protected environments
- Secure design and shielding
- Highly compatible
- Includes SaviStreamer Manager Software
- Auto-detects corresponding devices over LAN
- Remote IP input for device and display connections
- Highly scalable, powerful systems via daisy-chains
- Integrated network switching
- Full duplex RS-232 control
- Convenient, Wide-reaching Control
- Energy Efficient
- Assembled in the USA

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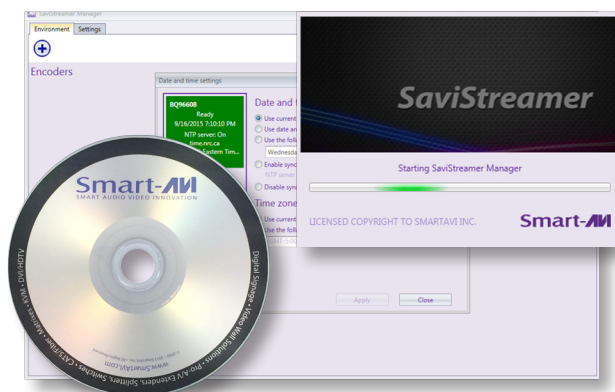
Smart-AVI****
SMART AUDIO VIDEO INNOVATION

Dynamic and Dazzling

Encoded to H.264 MPEG quality, streams are enhanced for optimal quality and performance at a low cost to your network. Distribute high resolution streams to displays at stunning 60 frames per second, without dips in picture quality or stuttering. Fully customize compression to meet the demands of your environment: crop, scale, and adjust video levels to match your display needs. Connect to streams via local network devices or remote IP, and schedule dynamic, evolving content for your audiences.

SaviStreamer Manager

SmartAVI's SaviStreamer Manager makes streaming to your signage and video walls as easy as 1, 2, 3! Just install the SaviStreamer Manager software from the CD included with the E300 Encoder, set passwords to protect your streaming units and environment, and designate streams using IP addresses or local device connection. SaviStreamer Manager uses a simple, intuitive interface that keeps streaming devices organized and optimized for any configuration, all from the convenience of a central PC workstation. No technical expertise required, setting up streams with SaviStreamer Manager is as effortless as it is smart!



SPECIFICATIONS



E300 Front



E300 Rear

VIDEO	
Format	HDMI 1.4
DVI Compliance	Single-link DVI-D 1.1 with Adapter
HDCP Compliance	1.0/1.1
Video Bandwidth	Single-link 340MHz [10.2Gbps]
Resolution	Up to 3840x2160 @30Hz
Input Interface	(1) HDMI [7.1ch audio & video], (1) VGA
Output Interface	(1) HDMI [7.1ch audio & video]
Connector	HDMI Type-A (19-pin female), VGA, LAN, RS-232, USB Type-B (female), Stereo Audio (3.5 mm jack socket)
Maximum Cable Length	20 ft.

CONTROL	
Front Panel	Tact Switch
IR	Via Remote Control with IR Type 3
PC	RS-232 Control
TCP/IP Control	via Web Browser
OTHER	
Power Supply	External 100-240 VAC/12VDC4A
Max Consumption	20W
Dimensions	W436.9XH211XT44.5mm
Mass	2800g
Approvals	UL, CE, ROHS Compliant
Operating Temp.	0 to +35°C (32 to +95°F)
Storage Temp.	-4-185 °F (-20-85 °C)
Humidity	Up to 95%

ORDERING INFORMATION	
Part No.	Description
SAVI-ST-E300	1080p H.264 Streaming Encoder, & (12VDC4A)

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