

Whether viewed through a PC or set-top box, IP-based streaming content delivery is redefining broadcast. Bridging the worlds of traditional video and IP networks, your media encoding and streaming platforms are key points along the critical path between you and your viewers. With StreamZ Live, the same exceptional output quality, robust reliability and efficient operation that leading studios and networks depend on daily in our multi-function StreamZ studio encoders are available in a dedicated live platform. StreamZ Live is ideal for multi-channel installations, and supports distribution channels from IPTV to webcasting and mobile devices.

Live encoders are available with a choice of encoding formats to reach your desired platforms, from Adobe® Flash® (H.264/AVC or On2 VP6), Microsoft® Silverlight™ (VC-1, Windows Media®) and QuickTime® (Darwin server) powered web experiences to IPTV set-top boxes and mobile phones.



DRC STREAM 1400

INGEST & STREAMING

Inputs and Encoding Channels

Encoding channels	1
Component analog video inputs (3 BNC)	2 ³
Y/C (S-Video) video inputs (Mini-Din)	2 ³
Composite video inputs	4 BNC ³
Balanced analog audio inputs (XLR)	4 ³
Unbalanced analog audio inputs (RCA)	4 ³
SDI (supports embedded audio)	1
AES/EBU stereo audio (XLR) Closed	2 ³
Caption support ⁴	
Input video frame formats	486i (NTSC), 576i (PAL)

1. Dual-channel models available for select formats only
 2. HD inputs may require down-conversion (automatically performed within StreamZ Live) to lower resolution or frame rate for streaming output (dependent on output format)
 3. Optional breakout cable or breakout box required for analog and AES/EBU inputs (SDI connectivity standard)
 4. Closed Captioning supported in select encoding formats
 5. VC-1 models only

StreamZ Live Highlights

- Live media encoding and streaming in your choice of format
- Advanced preprocessing for exceptional streaming quality and optimal bandwidth usage
- Robust reliability for unforgiving live environments
- Strict stream compliance for broad device compatibility including set-top boxes
- Simultaneous archiving to files for future on-demand use
- Comprehensive analog and digital input options plus HD-compatible models
- Enterprise-class, multi-channel management & automation through Digital Rapids Broadcast Manager

Available encoding format options

- AVC (H.264, MPEG-4 Part 10) with AAC audio (RTP/RTSP)
- AVC (H.264, MPEG-4 Part 10) progressive with AAC/MP3 audio (RTMP for Adobe Flash, RTP/RTSP)
- (must specify when ordering)*
VC-1 (Windows Media, Microsoft Silverlight)
- On2 VP6 for Adobe Flash
- MPEG-2 (UDP/RTP with RTSP)
- 3GPP/Mobile (H.263, H.264, MPEG-4 Part 2, AAC and AMR audio)

General Features

- Capture/encode to files from live inputs
- Capture/encode to files from deck with RS-422 control
- Transcode from source media files
- Live streaming
- Archive to files during live streaming
- Hardware Processing (SDI, AES and analog inputs)
- Motion adaptive de-interlacing
- Noise reduction (2D)
- Noise reduction (motion adaptive 3D)
- Aspect ratio conversion, cropping, scaling, filtering
- Proc amp controls, gamma correction
- Graphic overlay
- Audio processing (7-band parametric EQ per channel, dynamic range compression/expansion, base/treble)
- Audio sample rate conversion, volume control

Technical Specification

CPU Type :	Quad Core Xeon Processor
Memory :	ECC DDR2 FBDIMMS 1 GB (667 MHz)
Hard disk :	SATAII 250 GB (300 / 7,200 rpm)
LAN Connection :	2x Gigabit Ethernet Connection
Max Memory :	Up to 12 GB ECC DDR2 FBDIMMS (6 DIMMS)
Raid Type :	Support for RAID 0, 1, 10
Hdd Type :	6x SATAII (1 Channels supporting up to 2 IDE devices)
Chassis :	Intel 1U Rack
	USB port 2 Rear and 1 Front / 2 Hdd Fix Drive
Power Supply :	400 Watt (Non support redundant)
	Graphic ATI ES1000 with 16MB SDRAM
Optional :	1x Slim DVD Optical Drive
Warranty :	1 Year