

XStream Live 2



Key Functionality

- Live H.264 Flash video encoding software with uncompromising capture hardware in one bundle
- Optional Premium AJA Xena or Blackmagic DeckLink capture card capable of supporting HD or SD input including (HD-SDI)
- Kulabyte's proprietary encoding technology ensures the highest quality Flash streams

Encoding Features

- Stream to web users with Flash Player 9 or 10
- Go to high definition without breaking your distribution budget. Encode to 720p 30 at only 1.8 Mbps
- H.264 at up to High/5.1 with AAC stereo audio
- Accepts HD-SDI, SDI or analog inputs (via capture card)

Live Streaming Server Support

- Adobe© Flash Media Server 3.5
- Wowza Media Server Pro

Worldwide Distribution

- Akamai CDN
- Limelight CDN
- Generic CDN

Break Through Live Video Streaming Limitations With the Power of Kulabyte's H.264 Software.

XStream Live 2 is a real-time streaming software solution available as a bundle complete with an AJA Xena or Blackmagic DeckLink capture card. It is designed with flexibility in mind for live event production, media publishing, newsgathering, and sporting event production. Easily broadcast your HD-SDI, SDI, and analog sources while providing the highest possible quality H.264 streams to the internet, using the largest global penetration of playback devices and browsers that support Flash Player 9 and 10.

Utilizing Kulabyte's proprietary encoding technology, XStream Live 2 provides significantly higher live HD/SD Flash video quality than any other encoder on the market, while maintaining a more bit-rate compliant stream. The result is that, bit for bit, XStream Live 2 delivers the highest quality Flash video streams in the industry.

As a scalable software solution, XStream Live 2 provides you the maximum functionality with an easy-to-use graphic interface. Its preset builder allows you the option to customize and store your encoding profiles by selecting preprocessing, audio and video bit rate, RTMP publishing point, and encoding mode. Select your preset, click encode, and you're live!

Questions or purchase info:

sales@kulabyte.com

866.403.1604

512.795.4228

Input Support

- Supports 1394 DV Devices:
 - Canopus ADVC - 110 (not included)
 - Canopus ADVC - 1000 (not included)
 - 1394 DV Cameras
- Optional capture cards support up to:
 - **Video Input:**
 - Digital: HD-SDI/SDI, SMPTE - 259 / 292 / 296
 - Analog: SD & HD input, BNC
 - HD: YPbPr, RGB
 - SD: YPbPr, RGB (component mode)
 - Composite / YC (composite mode)
 - 12-bit A/D
 - **Video Formats:**
 - SD: 525i 29.97 (NTSC) & 625i 25 (PAL)
 - HD: 720p 50, 720p 59.94, 1080i 29.97, 1080i 50
 - **Audio Input:**
 - **Digital:**
 - 2 channel 16/24/32-bit AES/EBU, 48kHz sample-rate
 - Synchronous or non-synchronous
 - (Internal sample - rate conversion)
 - 16/24/32-bit SMPTE-259 SDI embedded audio
 - 8-channel, 48kHz synchronous
 - **Analog:**
 - 2-channel balanced input
 - +24dbu full scale digital
 - 16/24/32-bit A/D, 48kHz sample rate
 - +/- 0.2db 20 to 20kHz frequency response

Additional Support

- Kulabyte XStream Encoders come with 2 hours of installation support and 30 days of unlimited email & text support included in the purchase. Ongoing support and upgrades are available for additional fees.

Output Support

- Supports up to 1280x720 output resolution
- Flash 9 or 10 with H. 264 / AAC
- Supported media distribution: Flash Media Server 3 or 3.5, Akamai, Limelight, and Wowza Media Server Pro

Pre-Processing

- De-interlace
- Frame rate conversion (for 720p 59.94 & 720p 50)
- Crop
- Scale

Interface

- Graphical User Interface
- Remote via VNC

Recommended Hardware Configuration

- Quad Core Intel or AMD processor 2.4 GHz or higher
- 2GB physical memory
- Discrete Graphics Controller
- 1394 DV Cameras, AJA Xena or Blackmagic DeckLink capture cards

About Kulabyte

Kulabyte Corporation is a leading provider of advanced video processing technologies for live web streaming. Based in San Marcos, Texas, Kulabyte's engineering and management team is focused on delivering the highest quality HD and SD video encoding, archiving and streaming solutions in the industry. For further information, please visit the company website at www.kulabyte.com.

Contact Info

Kulabyte LLC
2410 Hunter Rd.
San Marcos, TX USA 78666

Phone: +1.512.795.4228
Fax: +1.512.392.5395

sales@kulabyte.com
www.kulabyte.com