

# XPress Nomad



Your **Live** Video  
Power Pack!

## Key Functionality

- Live flash video encoding software for SD in a carry-on size
- Premium AJA capture card compatible to support any HD or SD input without compromising quality before capture
- TimeSlice™ technology ensures high quality with streamable 2-pass VBR, our unique live process

## Encoding Features

- Stream to web users with Flash Player 8, 9 or 10 using the same stream
- Encode up to full SD (D1) resolution at full frame rate

## Live Streaming Server Support

- Adobe Flash Media Server 3
- Wowza Media Server Pro

## Worldwide Distribution

- Akamai CDN, Limelight CDN, Mogulus live broadcast network, CDNetworks, Edgecast & qualified CDN's

## Product Overview

Producing high-quality live events can be done almost anywhere with the XPress Nomad. This real-time portable broadcasting tool is designed to serve the needs of live event producers, newsgathering, and sporting event productions at resolutions up to 720x576.

Utilizing our unique TimeSlice™ technology, the XPress Nomad makes Streamable Live 2-Pass Variable Bit Rate encoding possible for SD sources as a compliant Constant Bit Rate (CBR) stream. The result is the highest quality Flash Video encoding in the industry.

As a turn-key portable broadcasting encoder, XPress Nomad provides 4 cores for efficient video processing in a carry-on size. It comes fully configured with our easy-to-use graphic interface for customizing your encoding settings and includes a 200 GB removable storage disk with SATA and USB 2 ports. Configure your RTMP publishing point, click encode, and you're live.

Save time, save money, and deliver amazing video with the XPress Nomad.

## Input Support

- Included AJA Capture Card supports: AJA Xena LHE
  - **Video Input:**
    - Digital: SDI
    - Analog: SD BNC
    - SD: YPbPr, RGB (component mode)
    - Composite / YC (composite mode)
    - 12-bit A/D
  - **Video Formats:**
    - SD, NTSC & PAL
  - **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

## Additional Support

- Kulabyte XStream Encoders come with 1 year of support & upgrades included in the purchase. Ongoing support & upgrades are available for additional fees.

## Output Support

- Supports up to NTSC/PAL (720x486 / 720x576) output resolution
- Flash 8 with On2 VP6 / MP3 (subject to additional codec fee)
- Supported media distribution: Flash Media Server 3, Akamai, Limelight, Mogulus CDN and Wowza Media Server Pro, Edgecast, CDNetworks and other qualified CDN's

## Pre-Processing

- De-interface
- Crop
- Scale

## Interface

- Graphical User Interface

## Recommended Hardware Configuration

- Quad Core 2.66 GHz Intel Processor
- 2GB physical memory
- RAID 0 Storage System
- Small form factor
- 3 year limited warranty
- Width: 10.25"
- Height: 8.25"
- Depth: 11.75"

## About Kulabyte

With the world's only Streamable Live 2 Pass Variable Bit Rate encoding process, Kulabyte is a leading developer of advanced video solutions for live streaming of high quality video online. All Kulabyte products incorporate our multi-core TimeSlice™ technology that significantly accelerates the encoding and compression process, increases picture quality, and reduces the required bandwidth for video transmission. Video can now be encoded and transmitted in SD and HD quality for web distribution at consumer-level broadband speeds. Our solutions consist of software and turn-key hardware products that are scalable and high performing. They are designed for video professionals to large scale enterprise networks that are distributing content live over the internet.

## Contact Info

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