



## DoStudio Encoder Release 2.0

- MVC Support for Blu-ray 3D Encoding
- Improved AVC Support, Now with 2-Pass
- Command Line Access for Scripted Workflows

### 3D is Everywhere

Don't be fooled by the scarcity of Hollywood 3D Blu-ray titles. High Def 3D capture is - and has been for years - taking place all around the world, every single day. What's been missing - until now, that is - has been a cost-effective way to publish this content. NetBlender is changing the Blu-ray game again with the first commercially-available solution to encode for Blu-ray 3D.

### Blu-ray Disc - It's Not Just for Hollywood Anymore

Thanks to the foresight of the Blu-ray Disc Association, and to the innovation of NetBlender, content owners now have the ability to transform their high def 3D assets into MVC streams for distribution on Blu-ray disc. Here are just a few 3D Blu-ray applications:

- **Producers with niche 3D content.** Blu-ray 3D presents a great mass-market opportunity.
- **3D kiosks and museum installations.** High quality interactive displays are perfect for Blu-ray 3D's interactive menus.
- **3D dailies and internal review copies.** You need an efficient encoding process and reliable viewing solution.
- **Corporate, Industrial and Medical.** Blu-ray 3D can eliminate boundaries of distance and time so remote viewers can experience a procedure or process as if they were there.
- **Events.** Want to give viewers that "front row" feeling? Blu-ray 3D is the perfect distribution vehicle for sports, concerts, dance, church services, nature and documentary.

### MVC - The Ultimate High Def 3D Standard

MVC, which stands for Multiview Video Coding, is based on the H.264/AVC video standard and provides superior flexibility and efficiency in delivering 3D content to any type of 3D display.

### DoStudio Encoder Release 2.0 with MVC (3D) and AVC (2D)

NetBlender's DoStudio Encoder delivers professional -level 1080p MVC streams for each eye with an intuitive interface and fast encode speeds. The DoStudio Encoder creates 100% guaranteed Blu-ray spec compliant MVC files for BD3D. This hassle-free software-based solution can be installed on any modern workstation or laptop - Mac (with Boot Camp) or PC - and can be up and running in minutes.

### Select DoStudio Encoder Release 2.0 Features

- MVC high profile
- VBR/CBR support
- 2-pass encoding
- Multi-threaded
- AVC headers for decoding of base view with standard AVC decoder/player
- QuickTime, AVI and YUV Input
- Accepts Quicktime files in a variety of codecs, as well as uncompressed AVI and YUV file input.
- Apply templates with drag-and-drop for efficient 3D encoding
- Batch Processing with Automated 3D Dailies
  - Setup multiple encoding projects and batch process them during off-hours. With the automated dailies module (Available Q4 2010), mux and burn your 3D MVC files to Blu-ray Disc as soon as the encoding process is complete.
- Command line for automated workflows
  - Add the DoStudio Encoder to your facility's workgroup and efficiently integrate automated encoding processes via a scriptable command line interface.



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## Technical Specifications

### System Requirements

- Windows® 7. XP and Vista (32 or 64 bit) also supported.
  - DoStudio is certified for US English versions only.
- .NET Framework Version 3.5
- CPU: 2.66GHz (or above)
- 4GB of RAM (6GB preferred)

### Recommended Workstations



#### 8-core MacPro with Boot Camp

- Two 2.26GHz Quad-Core Intel Xeon "Nehalem" processors
- 6GB RAM
- 640 GB system drive + 1TB 7200-rpm Serial ATA 3Gb/s AV Drive
- Apple Cinema HD Display (30" flat panel)
- Windows® running in Boot Camp (DoStudio does not run in Parallels).



#### Dell XPS Studio or similar

- Intel® Core™ i7-920 Processor(8MB L3 Cache, 2.66GHz)
- 6GB Tri-Channel DDR3 SDRAM at 1066MHz
- 750GB - 7200RPM, SATA 3.0Gb/s, 16MB Cache
- One (1) 1920×1080 display

### Real-time Encoding\* Extreme Workstation



#### HP Z800 12-core Extreme Workstation or similar

- Dual Intel® Xeon™ X5660 Six-Core Extreme
- 6GB Tri-Channel DDR3 SDRAM at 1066MHz
- 1000GB - 7200RPM, SATA 3.0Gb/s, 16MB Cache
- One (1) 1920×1080 display

\*Capable of real-time 3D encoding per pass with high-speed hard drive

### QuickTime Codecs Supported

- AJA 8-bit / 10-bit uncompressed
- Blackmagic 8-bit / 10-bit uncompressed
- Apple ProRes / ProRes HQ
- XDCam HD
- DNxHD

### Valid Frame Resolutions and Frame Rates for BD3D Video

- 1920×1080 @ 23.976 fps progressive
- 1280×720 @ 59.94 fps progressive
- 1280×720 @ 50 fps progressive