Bluefish444's Symmetry™

Now with 3D I/O & standards conversion

Stable, flexible and intuitive software

Symmetry is Bluefish444's integrated 3D & DI acquisition, review and playback software for Windows OS and is included FREE with all I/O cards in the Epoch range.

The perfect balance between features and usability, Symmetry captures Cineon, DPX, Targa, QuickTime and AVI files allowing creative professionals to use footage on multiple applications across multiple platforms; eliminating the acute pain of re-rendering between tools.

Symmetry dispenses with any loss issues associated with color conversion by giving the user the choice of which color space best suits their needs from 8-bit YUV up to 16-bit RGB. With complete frame accurate VTR control, Symmetry frees up the creative process to design and create rather than waste countless hours managing complex NLE systems just to get media in and out of a workstation.

Equally comfortable as a digital intermediary or as a review and playout solution for digital content creators, compositors and editors; Symmetry's interface, to quote one customer is "monkey simple" with the capabilities of much more expensive systems.

Do away with third party converters forever and utilise Symmetry as a standards converter for SDI between 2K/HD/SD and preview SDI as DVI/HDMI.
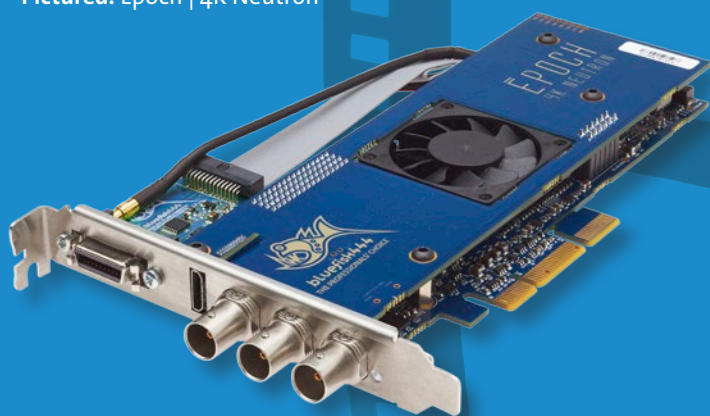
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THE PROFESSIONALS' CHOICE

10 Reasons why everyone wants Symmetry working for them:

1) Desktop and SDI/DVI/HDMI preview of capture and playback.

2) Batch capture, EDL capture, playback and playlist master to tape from/to various SDI devices such as HD VTR's, SDI equipped cameras, film scanners and dual link 4:4:4 devices.

3) Capture to the highest image quality of 10-bit RGB sequential DPX and Cineon file formats to preserve all the data and metadata on file.

4) Support for SMPTE and CGR capture and playback.

5) Seamless integration with the leading Digital Intermediate solutions through the common use the 10-bit RGB DPX and Cineon file formats.

6) Choose between multiple video file formats to capture, preview and playback such as DPX, Cineon, QuickTime, Targa, AVI, R3D and Cineform.

7) Support for 16 channels for embedded audio and 5.1 / 7.1 surround sound monitoring.

8) Frame accurate RS422 control from/to the industry's leading VTR's, single link and dual link devices.

9) Capture and playback dual 3D SDI to any file format supported by Symmetry as left & right eye, side by side, top and bottom and others.

10) Avoid third party converters and utilise Symmetry presets for SDI standards conversion between 2K/HD/SD and preview SDI as DVI/HDMI.

Compatible with ALL Bluefish444 Epoch I/O cards.

Pictured: Epoch | 4K Neutron

More Features and Specifications

SUPPORTED VIDEO MODES

720 x 486i @ 59.94 Hz NTSC
720 x 576i @ 50.00 Hz PAL
1280 x 720p @ 23.976Hz, 24Hz, 25Hz, 29.97Hz, 30Hz, 50Hz, 59.94Hz, 60Hz
1920 x 1080i @ 47.96Hz, 48Hz, 50Hz, 59.94Hz, 60Hz
1920 x 1080PsF @ 23.976Hz, 24Hz, 25Hz, 29.97Hz, 30Hz
1920 x 1080p @ 23.976Hz, 24Hz, 25Hz, 29.97Hz, 30Hz, 47.96Hz, 48Hz, 50Hz, 59.94Hz, 60Hz
2048 x 1080p @ 23.976Hz, 24Hz, 25Hz, 29.97Hz, 30Hz, 47.96Hz, 48Hz, 50Hz, 59.94Hz, 60Hz
2048 x 1080i @ 47.96Hz, 48Hz, 50Hz, 59.94Hz, 60Hz
2048 x 1556PsF @ 14.98Hz, 15Hz, 18.98Hz, 19Hz

SUPPORTED FILE FORMATS

8/16 bit Tiff
10 bit YUV QuickTime v210
8 bit YUV QuickTime 2VUY
10 bit RGB Cineon Sequential file format with options for: SMPTE/CGR
10 bit RGB DPX Sequential file format with options for: SMPTE/CGR
8 bit RGBA TARGA Sequential file format with options for: SMPTE/CGR
8 bit RGB TARGA Sequential file format with options for: SMPTE/CGR
8 bit YUV AVI
R3D
Cineform
New file formats added via software upgrades

SUPPORTED AUDIO FEATURES

Uncompressed PCM WAV audio format in 16-bits or 24-bits sampling depth
Single WAV file
Multiple stereo WAV file
Multiple mono WAV file
Up to 16 embedded audio channels in video file (QuickTime & AVI)
Broadcast wave info (BWF) option
Support for RF64
5.1 & 7.1 surround sound monitoring of AES/EBU and AES ID3
Audio level monitoring

OTHER FEATURES

Desktop and SDI/DVI/HDMI preview of playback and capture of all supported video modes
Support for single link, dual link and 3D I/O video modes
SDI/DVI/HDMI preview of hardware signal format conversion between 2K/HD/SD including 3:2 pulldown
Batch capture
Single frame grab capture
Assemble and insert to tape
Playlist and clip assembly for preview and mastering to tape
EDL CMX 3600 support
Media bin
Trim clip mode
Audio and Video linking and unlink ability to create Sym files
Frame accurate RS422 control with interface for shuttle, jog frame advance and reverse
Keyboard shortcuts
Save and load projects in XML format for versatile 3rd party application support and project archiving
Drop frame and non drop frame time code support
Drop frame error reporting on capture and playback reporting
Restart capture when drop-frame occurs
Built in system bench marking and logging feature
Preview DPX files as logarithmic or linear
4:3 and 16:9 preview for SD widescreen footage
Loop playback
Pre create option to avoid drop frame during long form capture
1D LUT SDI/DVI/DHMI preview
Command line interface for 3rd party developers
Capture and playback DLL available for 3rd party developers

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