



10 bit Uncompressed SD Single Link 10\8 bit RGB\YUV I\O 64bit PCI Video Card



- The highest quality SD Single link I\O 10 bit RGB/YUV video card.
- Multi file format support* capabilities including QuickTime, DPX, Cineon, TGA, AVI, WMV.
- Internal Keyer for real time Graphics overlay of the input SDI stream.
- RGB to YUV, YUV to RGB real time color space conversion.
- Large range of OEM and retail application support.
- Multi platform support Windows, MAC OSX and Linux.

The highest 10 bit uncompressed quality.

The Wildblue | AV supports 10 bit RGB 4:4:4:4 internal processing.

Multiplatform support

Windows, Apple MAC OSX and Linux support.

Real time effects*

Real-time effects and transitions for supported applications.

Multi format support*.

The Wildblue | AV provides support for a range of 8 bit RGB\YUV and 10 RGB\YUV pixel formats supporting AVI, TGA, WMF, MPEG2, JPEG, QuickTime, DPX and Cineon.

Real time color space conversion.

Real time hardware color space conversion from RGB to YUV and YUV to RGB, providing the highest quality in broadcast monitoring output for 8\10 bit RGB\YUV solutions.

Internal keyer*.

An internal keyer feature allows for the overlay of animation and still images over the incoming SD-SDI input stream in real time.

Supported video modes.

The SD | Envy supports the PAL and NTSC video modes.

* application dependant

Wildblue | AV supports 10 bit YUV 4:2:2 525/625 input and output with 6 channels AES/EBU digital audio.

Working in uncompressed 10 bit 4:4:4:4 internal processing keeps the integrity of images and retains color integrity in standard definition modes compared to 8 bit based video solutions. 10 bit provides 1024 levels of color compared to 8 bit solutions that provide only 256 levels of color.

The Wildblue | AV card includes an onboard keyer that allows the overlay of video or graphics over the SDI input stream in real time. Internal keying is a powerful feature and is useful for live broadcast environments.

The Wildblue | AV has full genlocking capability. The output circuits are fully decoupled from the input circuits for unconditionally stable video outputs - even during capture (where the card performs as a synchronizer). SDI outputs meet SMPTE specs (including jitter) at all times with or without genlock.

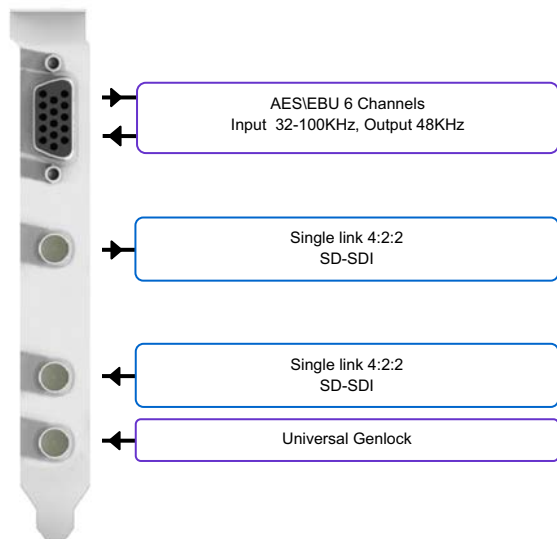
Wildblue | AV incorporates advanced audio features with 6 channels of quality 24 bits AES/EBU Digital audio at 48khz, perfect for surround sound editing. In addition Wildblue | AV has sample rate converters on all input channel pairs for non sync audio input (32kHz- 100kHz).

The Wildblue | AV is cross platformable with the Apple OSX operating system working with QuickTime™ compatible applications such as Final Cut Pro 4™, Combustion™, After Effects™ and Shake™.

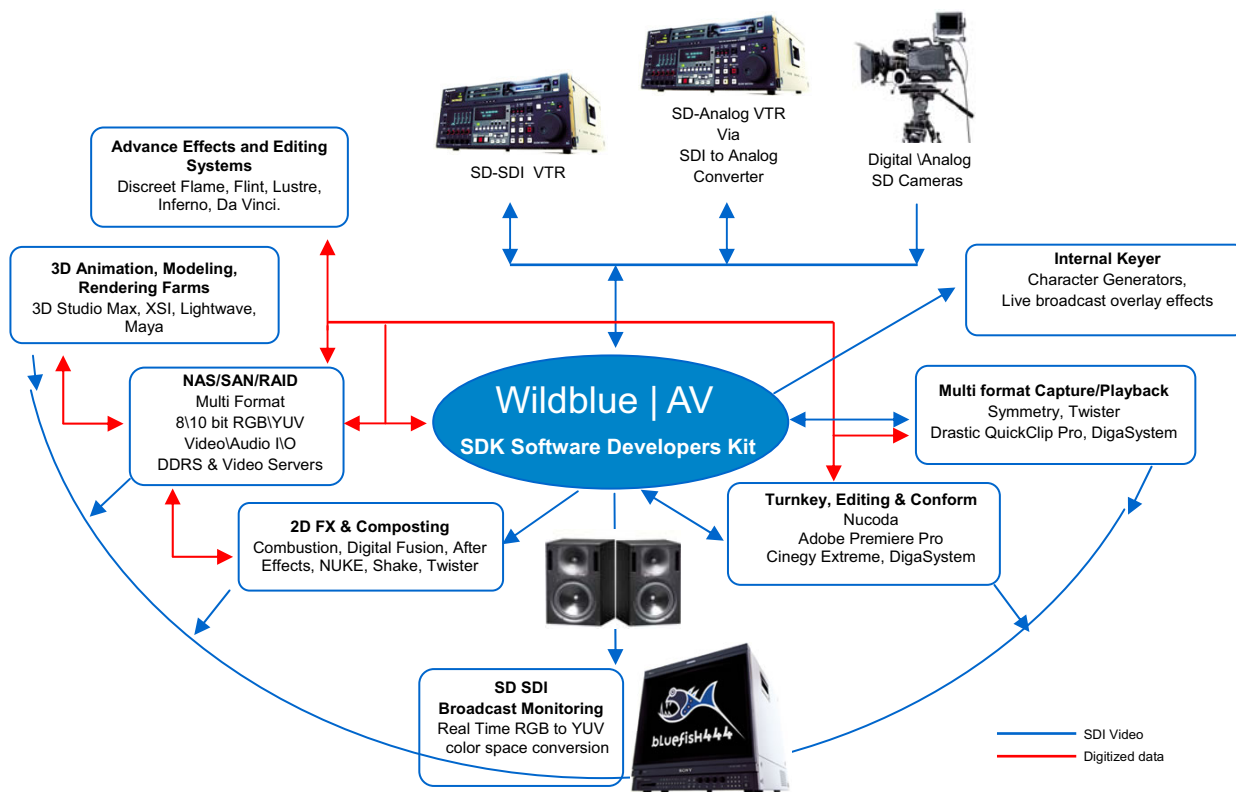
Included with Wildblue | AV is Symmetry™, a 10-bit RGB/YUV sequential capture and playback station for Windows. Supported file formats are sequential 10-bit RGB Cineon, DPX and 10-bit YUV QuickTime™.

Symmetry's™ use of industry standard file formats ensures that a digital artist can work with a consistent file format throughout the production workflow, not requiring file format conversions, reducing rendering times to zero. Digital content created from Nuke™, Mirage, After Effects™, Digital Fusion™ or Combustion™, etc can be moved seamlessly to high end finishing systems such as Discreet, Nucoda or Da Vinci.

SDK available for registered developers.



Wildblue | AV Application and Solution Flow



Wildblue | AV Technical Specifications

Video Output
1x BNC SD-SDI - 10 bit
Single link 4:2:2 output SMPTE 259M

Video Input
1x BNC SD-SDI - 10 bit
Single link 4:2:2 input SMPTE 259M

Features
Internal keyer
Built-in safe area, safe title and letter box generator.
Hardware color space conversion.
Audio sample rate converters.

File Formats*
Cineon, DPX V210 QuickTime™, AVI, WMF, TGA, JPG, MPEG2*

Pixel Formats
10 bit YUV/RGB, 8 bit YUV/RGB, v210, Cineon, DPX

Video Standards
PAL 720 x 576 .
NTSC 720 x 486 .

Audio
6 channels AES/EBU.

Genlock
1 x BNC Bi level Sync
Meets SMPTE Jitter specifications whilst genlocked

Onboard Memory
64MB.

PCI Interface
64 bit 33 MHz bus master.
Compatible with all PCI and PCI-X Slots.

Operating System
Windows Linux and MAC OSX.

Compatible with popular retail applications:

Windows
Adobe Premiere Pro™
Adobe After Effects™
Eyeon Digital Fusion™
Discreet Combustion™
Bluefish444 Symmetry™
Quick Clip Pro™
Twister™
Mirage™

Media Editor Easy, News and FX
DigaIngester
DigaProducer

Mac OSX
Apple Final Cut Pro™
DVD Studio Pro
iDVD™
Discreet Cleaner™
Color Finesse™
Microcosm™
Apple Shake™
And all other Apple based QuickTime™ applications.

For full compatibility list contact us at www.bluefish444.com

* application dependant

Visit Bluefish444 for your nearest reseller at <http://www.bluefish444.com>

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