THE WORLD'S FIRST 4K/UHD-CAPABLE SDI VIDEO CARD RANGE

PCIe INTERFACE

SDI COPY

BREAKOUT CABLE

4K/2K/HD/SD SDI I/O

GENLOCK

120MM

200MM

PCIe INTERFACE

SDI COPY

4K/2K/HD/SD SDI I/O

GENLOCK

4K HDR

12-BIT PROCESSING

THUNDERBOLT

SDI 12/10/8-BIT
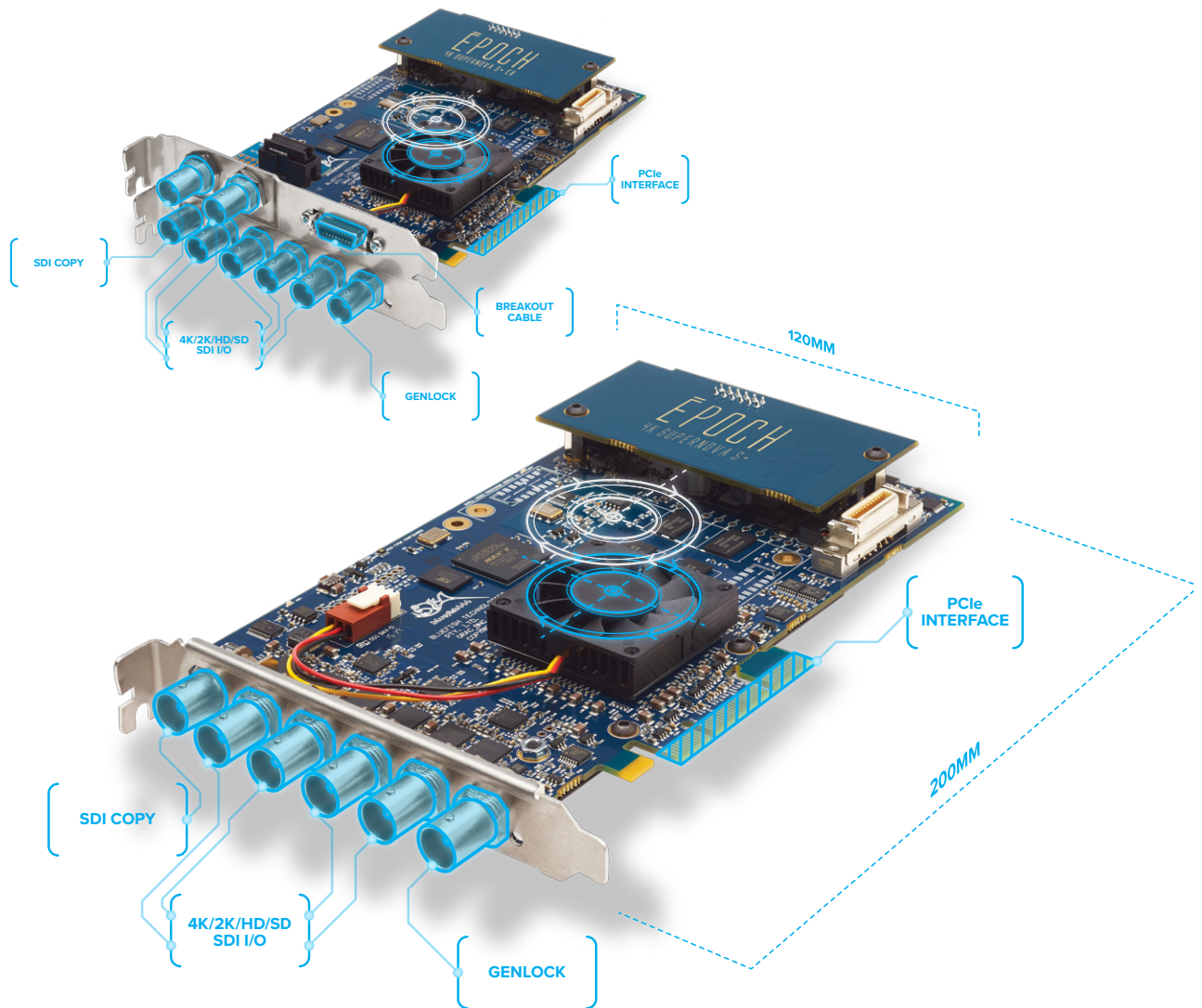
INTEGRATE BLUEFISH444 INTO THE FOLLOWING VERTICAL MARKETS

ALL CARDS IN THE BLUEFISH444 EPOCH | 4K SUPERNOVA S+ RANGE COME WITH THE FOLLOWING FEATURES:

Bi-directional I/O's provide unrivalled flexibility with industry standard BNC video connectors each allowing 3G/HD/SD-SDI inputs or outputs.

**Thunderbolt Expansion Chassis Compatibility** with popular manufacturers.

Up to 4K/UHD 30p resolution input or output to give you the best possible image quality for your productions, no matter what you are doing.

Low-latency Video Keyer allowing video layers to be combined in hardware with just microseconds of delay.

Maintaining a 12-bit processing pipeline means that 4096 discrete values of red, green & blue are maintained per pixel; that's 4 times the colour precision of traditional 10-bit processing!
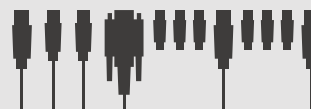
Maximum Connectivity including RS-422, 8 channels of AES EBU Audio, 2 channels of analogue audio, LTC, and auxilliary Reference In.

Maintaining the highest quality RGB <=> YUV includes a fully programmable 4 x 4 x 33-bit colour matrix colour space conversion.
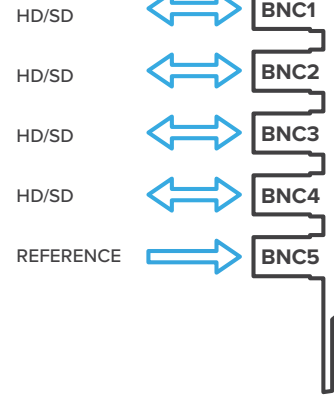
Primary Hardware Colour Corrector using the Bluefish444 programmable matrix combined with the on-board 1D LUTs.
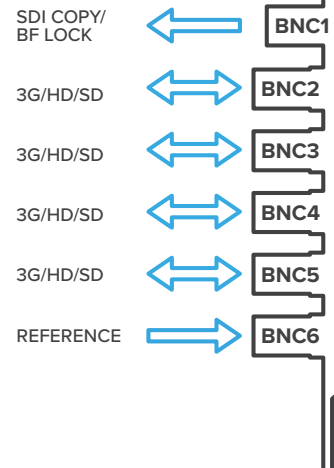
ĒPOCH SUPERNOVA CG

EB3005CGF

$2,145

- 4 x 2K/HD/SD-SDI
- 2K/HD up to 30 fps
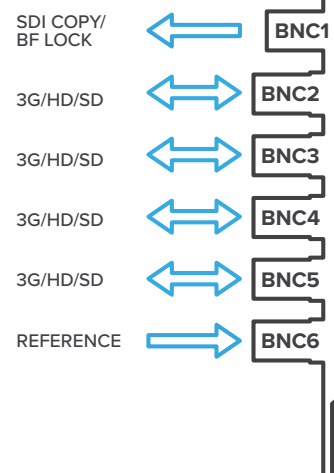- Full-height, 2/3rd-length PCIe
- Reference In BNC

HD/SD	BNC1
HD/SD	BNC2
HD/SD	BNC3
HD/SD	BNC4
REFERENCE	BNC5

2K | **12-BIT** PROCESSING | THUNDERBOLT. | **SDI** 12/10/8-BIT | Windows | Apple | SDK

ĒPOCH 4K SUPERNOVA S+

EB3005M

$3,995

- 4 x 3G/HD/SD-SDI
- 4K/UHD up to 30 fps
- Full-height, 2/3rd-length PCIe
- Reference In BNC
- Monitor Out BNC

SDI COPY/ BF LOCK	BNC1
3G/HD/SD	BNC2
3G/HD/SD	BNC3
3G/HD/SD	BNC4
3G/HD/SD	BNC5
REFERENCE	BNC6

4K UHD | **12-BIT** PROCESSING | THUNDERBOLT. | **SDI** 12/10/8-BIT | Windows | Apple | SDK

ĒPOCH 4K SUPERNOVA S+ EX

EB3005MRL

$4,270

- 4 x 3G/HD/SD-SDI
- 4K/UHD up to 30 fps
- Full-height, 2/3rd-length PCIe
- Reference In BNC
- Monitor Out BNC
- AES / ANA / RS-422 / LTC I/O

SDI COPY/ BF LOCK	BNC1
3G/HD/SD	BNC2
3G/HD/SD	BNC3
3G/HD/SD	BNC4
3G/HD/SD	BNC5
REFERENCE	BNC6

4K UHD | **12-BIT** PROCESSING | THUNDERBOLT. | **SDI** 12/10/8-BIT | Windows | Apple | SDK

FEATURE	EPOCH | SUPERNOVA CG	EPOCH | 4K SUPERNOVA S+	EPOCH | 4K SUPERNOVA S+ EX
Max number of Bi-directional SDI I/Os	4	4	4
SD-SDI/1.5G HD-SDI/Dual Link 1.5G (4:2:2:4/4:4:4:4)	YES	YES	YES
3G-SDI (Level A+B)/Dual Link 3G (Level A+B)	NO	YES	YES
Quad Link 1.5/Quad Link 3G (Level A+B)	NO	YES*	YES*
Full-height, 2/3rd-length PCIe	YES	YES	YES
Refrence In BNC	YES	YES	YES
SDI Monitor BNC	NO	YES	YES
Breakout Cable *8 x AES Audio I/O, 2 x Analogue Audio OUT, RS-422, Auxiliary Reference In*	NO	NO	NO
Part Number	EB3005CGF	EB3005M	EB3005MRL
MSRP (USD)	$2,145	$3,995	$4,270

Not able to support 4 independent video channels at 3G.

BLUEFISH444 SOFTWARE

IngeSTore
- 4 channels 3G/HD/SD capture
- Free Uncompressed, DVCPro, DVHD codecs
- Optional codecs are available
- Optional Edit-While-Record workflows
- Optional REST API and HTTP client

IngeSTream
- Multi-channel 3G/HD/SD
- SDI to NDI streaming

COMING SOON!

Bluefish444 SDK
- Allows developers to integrate Bluefish444 video cards
- Available across Windows, macOS and Linux systems
- Easy-to-follow sample apps with C interface
- DirectShow, GPUDirect, DirectGMA plus more

CROSS-PLATFORM SUPPORT WITH INDUSTRY-LEADING 3RD-PARTY SOFTWARE

For a comprehensive and up-to-date list of supported software, cantact **sales@jbanda.com**