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

INTEGRATE BLUEFISH444 INTO THE FOLLOWING VERTICALMARKETS
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 auxiliary 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.
**ÉPOCH Supernova C6**

- **EB3005CGF**
  - $2,145
  - 4 x 2K/HD/SD-SDI
  - 2K/HD up to 30 fps
  - Full-height, 2/3rd-length PCIe
  - Reference In BNC

**ÉPOCH 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

**ÉPOCH 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
### EPOCH | 4K SUPERNOVA S+ RANGE

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

*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, contact sales@jbanda.com