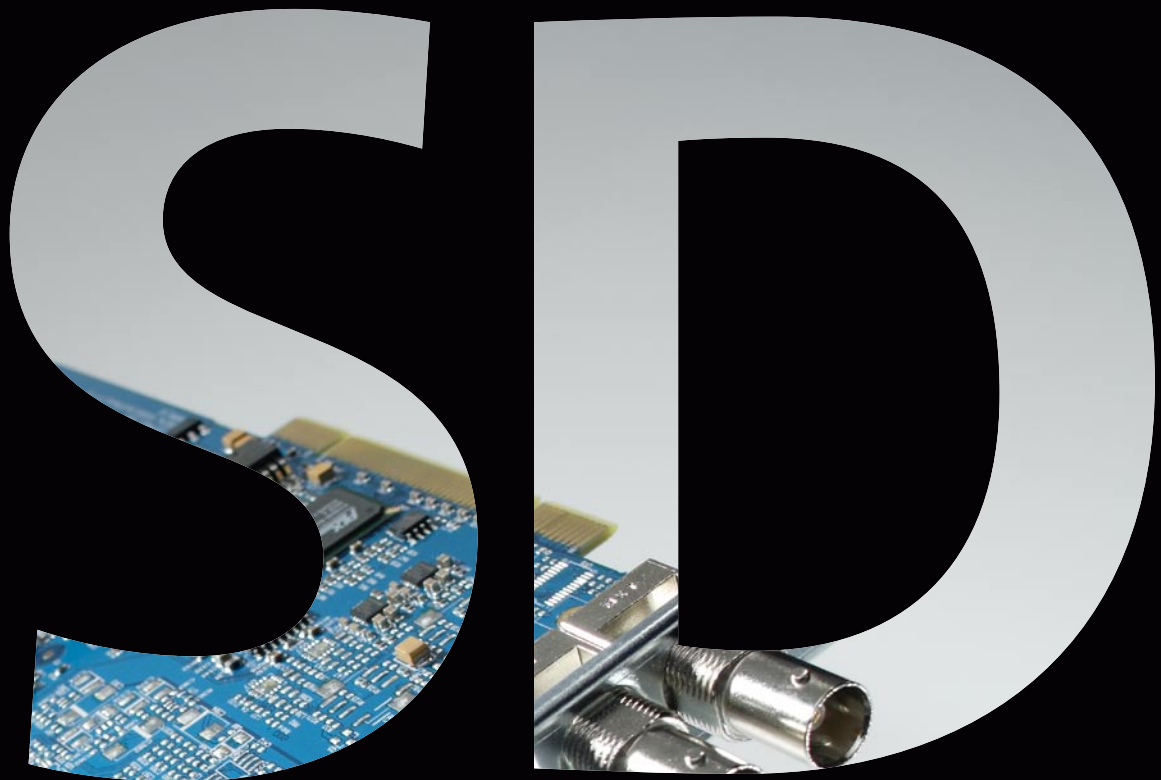


BLUEFISH444



Standard definition
CARDS



SD|Greed
SD|Dual Link Pro
SD|Ingest Pro
SD|Lite Pro
Iridium AV Pro
SD|Single Link Pro

BLUEFISH444

PRODUCT SD LINE-UP

SD|GREED

SD|DUAL LINK PRO

SD|INGEST PRO

SD|LITE PRO

IRIDIUM AV PRO

SD|SINGLE LINK PRO

VIDEO MODES

PAL 720 x 576 (4:3)	✓	✓	✓	✓	✓	✓
PAL 720 x 576 (Widescreen 16:9)	✓	✓	✓	✓	✓	✓
NTSC 720 x 486 (4:3)	✓	✓	✓	✓	✓	✓
NTSC 720 x 486 (Widescreen 16:9)	✓	✓	✓	✓	✓	✓

DIGITAL VIDEO INPUT SIGNAL FORMATS

12/10 bit SD SDI	✓	✓	✓			✓
Dual link 4:4:4, 4:4:4:4 (RGB)	✓	✓	✓			
Dual link 4:4:4, 4:4:4:4 (YUV)	✓	✓	✓			
4:2:2:4 Video and Key (YUV)	✓	✓	✓			
2 x Single link 4:2:2 (YUV)	✓	✓	✓			
2 x Independent Video streams	✓	✓	✓			

DIGITAL VIDEO OUTPUT SIGNAL FORMATS

12/10 bit SD SDI	✓	✓		✓	✓	✓
Dual link 4:4:4, 4:4:4:4 (RGB)	✓	✓		✓	✓	
Dual link 4:4:4, 4:4:4:4 (YUV)	✓	✓		✓	✓	
4:2:2:4 Video and Key (YUV)	✓	✓		✓	✓	
2 x Single link 4:2:2 (YUV)	✓	✓		✓	✓	
2 x Independent Video streams	✓	✓		✓	✓	

ANALOG VIDEO INPUT SIGNAL FORMAT

12 bit Component YUV	✓					✓
12 bit Composite	✓					✓
12 bit S-Video	✓					✓

ANALOG VIDEO OUTPUT SIGNAL FORMAT

12 bit Component RGB	✓				✓	✓
12 bit Component YUV	✓				✓	✓
12 bit Composite	✓				✓	✓
12 bit S-Video	✓				✓	✓

DIGITAL AUDIO INPUT SIGNAL FORMAT

6 channels of AES/EBU (Balanced, XLR)	✓					✓
8 Channels of AES-3id (Unbalanced, BNC)	✓					✓
16 Channels of embedded audio per SDI	✓	✓	✓			✓

DIGITAL AUDIO OUTPUT SIGNAL FORMAT

6 channels of AES/EBU (Balanced, XLR)	✓				✓	✓
8 Channels of AES-3id (Unbalanced, BNC)	✓				✓	✓
16 Channels of embedded audio per SDI signal	✓	✓		✓	✓	✓

ANALOG AUDIO INPUT SIGNAL FORMAT

2 channels 0dBu (Balanced, XLR)	✓					
2 channels -10dBu (Unbalanced, RCA)	✓					

ANALOG AUDIO OUTPUT SIGNAL FORMAT

2 channels 0dBu (Balanced, XLR)	✓					
2 channels -10dBu (Unbalanced, RCA)	✓					

PIXEL FORMATS.

v210, ARGB, BGRA, RGB ABGR, 2VUY, YUVS, in fact any 8 or 10 bit (non-planar) format packed as 8:8:8:8, 10:10:10:2 or 2:10:10:10 into 32 bit words, with or without Alpha in any colour space using 4:4:4:4, 4:4:4, 4:2:2:4, 4:2:2, 4:0:0:4 or 4:0:0 with or without endian swap	✓	✓	✓	✓	✓	✓
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FILE FORMATS.

QuickTime, Cineon, DPX, AVI, Targa, TIFF	✓	✓	✓	✓	✓	✓
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INPUT HARDWARE FEATURES

Programable 4x3 matrix (16-bit coefficients & processing) for real time color space conversion & color correction on each video stream.	✓	✓	✓			✓
2 x General Purpose Input ports	✓	✓	✓	✓	✓	✓
LTC Input port	✓	✓	✓	✓	✓	✓
RS 422 Serial Ports	4port	4port	4port	4port	4port	4port
Audio sample rate converters	✓					✓

OUTPUT HARDWARE FEATURES

Real time hardware overlay for internal keying	✓	✓				✓
Programable 4x (3 components + Alpha) 1D, 1024 entry, 10-bit LUTs followed by a programable 4x3 matrix (16-bit coefficients & processing) for real time color space conversion & color correction correction on each video stream.	✓	✓		✓	✓	✓
Built-in safe area, safe title and letterbox generator	✓	✓			✓	✓
2 x General Purpose Output Ports	✓	✓		✓	✓	✓
LTC Output port	✓	✓		✓	✓	✓
RS 422 Serial Ports	4port	4port	4port	4port	4port	4port

GENLOCK.

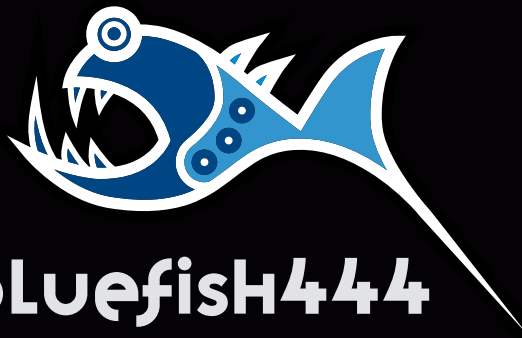
1 x BNC Bi level Sync. Temperature stable delay (phase) to outputs	✓	✓		✓	✓	✓
Meets SMPTE jitter specifications with or without genlock	✓	✓		✓	✓	✓

ONBOARD MEMORY.

Memory	64MB	64MB	64MB	64MB	64MB	64MB
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PCI INTERFACE

PCI 32 bit 66 MHz or PCI 32 bit 33 MHz	✓	✓	✓	✓	✓	✓
Compatible with all PCI and PCI-X 64/32 bit Slots.	✓	✓	✓	✓	✓	✓



bluefish444

THE PROFESSIONALS' CHOICE

CONTACTS

Head Office

Bluefish444
17B Market Street
South Melbourne,
Victoria 3205, Australia
t. +61 (0)3 9682 9477
f. +61 (0)3 9682 9466
info@bluefish444.com

North America

Channel Wolves
236 Huntington Avenue
Suite 216
Boston, MA 02115
t. 1-617-266-2471
f. 1-617-249-1733
Toll free 1-866-314-7785
contact@channelwolves.com

Europe

Bluefish444 Europe
Joel Street Farm,
Joel Street, Pinner,
Middlesex, HA5 2PD.
United Kingdom,
t. +44 (0)20 8429 8345
f. +44 (0)20 8866 8207
info@bluefish444europe.com

www.bluefish444.com

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