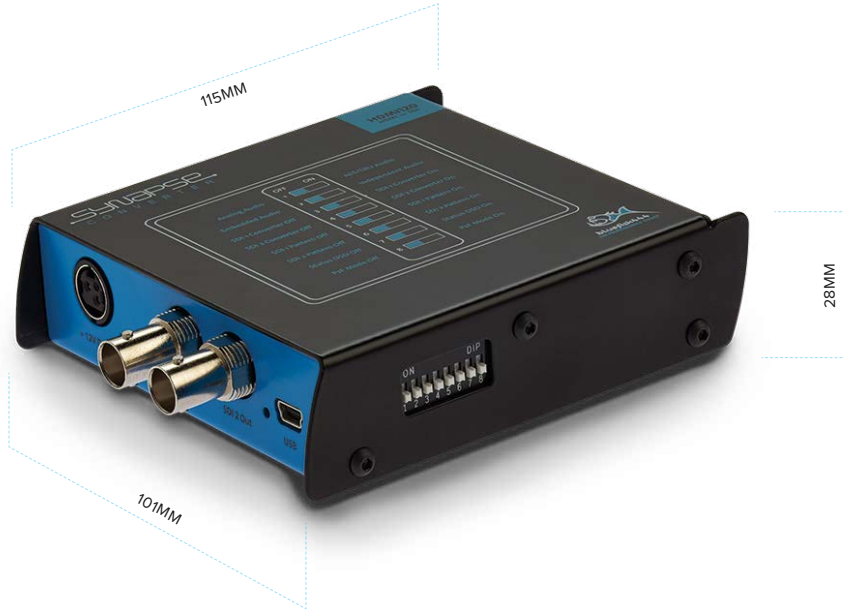




SYNAPSE
CONVERTER

HDMI120
HDMI ⇒ SDI



HDMI120 FRONT



HDMI120 BACK

	A/V INPUTS	CONVERSIONS	A/V OUTPUTS	FEATURES
Video I/O	2 x HDMI1.3 8 Channels of Embedded Audio	1 x HDMI1.3 ⇒ 2 x HD-SDI (3Gb/s)	2 x HD-SDI (3Gb/s) 8 Channels of Embedded Audio	HD SDI Downconversion PsF Modes Redundancy Channel HD/SD SDI Preview
Audio I/O	1 x Stereo Unbalanced audio 1 x digital audio AES/EBU pair	Muxed with HDMI input ⇒ Embedded Audio	2 x Embedded Audio	

BLUEFISH444 HDMI TO HD/SD-SDI CONVERTER



SPECIFICATIONS		SYNAPSE HDMI120	
Width		101MM	
Length		115MM	
Height		28MM	
Weight		400G	
VIDEO INPUT			
HDMI 1.3		YES	
VIDEO OUTPUT			
SD-SDI SMPTE 295M		YES	
1.5G HD-SDI SMPTE 292M		YES	
3G-SDI (Level A) SMPTE 424M		YES	
AUDIO INPUT			
HDMI 1.3		YES	
Stereo AES/EBU		YES	
Stereo Unbalanced Analogue		YES	
AUDIO OUTPUT			
SD-SDI SMPTE 295M Embedded Audio		YES	
1.5G HD-SDI SMPTE 292M Embedded Audio		YES	
3G-SDI (Level A) SDI SMPTE 424M Embedded Audio		YES	
MAJOR HARDWARE FEATURES			
Downscaling		YES	
Progressive to PsF		YES	
Lockable Power Supply		YES	
Auto adaption 3G/HD/SD		YES	
Test Pattern Generator		YES	
Status LED's		YES	
On-screen Display		YES	
Firmware Upgrade through USB		YES	

SUPPORTED YUV SDI VIDEO MODES	
(HD) 1920 x 1080p/PsF @ 50, 59.94, 60FPS	YES
(HD) 1920 x 1080p/PsF @ 23.976, 24, 25, 29.97, 30FPS	YES
(HD) 1920 x 1080i @ 25, 29.97, 30FPS	YES
(HD) 1280 x 720p @ 50, 59.94, 60FPS	YES
(SD) 720 x 576i @ 25FPS PAL	YES
(SD) 720 x 486i @ 29.97FPS NTSC	YES

SUPPORTED ANALOGUE VIDEO MODES	
(HD) 1920 x 1080p/PsF @ 50, 59.94, 60FPS	YES
(HD) 1920 x 1080p/PsF @ 23.976, 24, 25, 29.97, 30FPS	YES
(HD) 1920 x 1080i @ 25, 29.97, 30FPS	YES
(HD) 1280 x 720p @ 50, 59.94, 60FPS	YES
(SD) 720 x 576i/p @ 25FPS PAL	YES
(SD) 720 x 486i/p @ 29.97FPS NTSC	YES

PROGRESSIVE TO PSF	
1080p50/60 to 1080PsF50/60	YES
1080p24 to 1080PsF24	YES

DOWNCONVERSION	
1080p50/60 to 720p50/60	YES
1080i29/30 to 486i29/30	YES
1080i25 to 576i25	YES
720p50 to 576i25	YES
720p59/60 to 486i29.30	YES

CROSS PLATFORM SUPPORT WITH INDUSTRY LEADING 3RD PARTY SOFTWARE



For a comprehensive and up-to-date list of supported software, visit bluefish444.com/software

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 For worldwide reseller and distributor contact information, please go to bluefish444.com/contacts