



Comparison table for the current HD-SDI interface board family

13-Jan-12

	HD-1000	HD-2000	HD-3000S	HD-3000	ALR-1920-SDI		
SUPPORTED	SMPTE 292M	✓	✓	✓	✓		
	SMPTE 259M-C	✓	✓	✓	✓		
	SMPTE 424M			✓	✓		
	SMPTE 425M (Level A)			✓	✓		
	SMPTE 425M (Level B)				✓		
SUPPORTED VIDEO MODE	SMPTE 296M (HD)						
	720p60 (4:2:2)	✓	✓	✓	✓	✓	
	720p59.94 (4:2:2)	✓	✓	✓	✓	✓	
	720p50 (4:2:2)	✓	✓	✓	✓	✓	
	720p30 (4:2:2)	✓	✓	✓	✓		
	720p29.97 (4:2:2)	✓	✓	✓	✓		
	720p25 (4:2:2)	✓	✓	✓	✓		
	720p24 (4:2:2)						
	720p23.98(4:2:2)						
	SMPTE 274M (HD)						
	1080p30 (4:2:2)	✓	✓	✓	✓		
	1080p29.97 (4:2:2)	✓	✓	✓	✓		
	1080p25 (4:2:2)	✓	✓	✓	✓		
	1080p24 (4:2:2)	✓	✓	✓	✓		
	1080p23.98 (4:2:2)	✓	✓	✓	✓		
	1080psf30 (4:2:2)	✓	✓	✓	✓	✓	
	1080psf25 (4:2:2)	✓	✓	✓	✓	✓	
	1080psf24 (4:2:2)	✓	✓	✓	✓		
	1080psf23.98 (4:2:2)	✓	✓	✓	✓		
	1080i60 (4:2:2)	✓	✓	✓	✓	✓	
	1080i59.94 (4:2:2)	✓	✓	✓	✓	✓	
	1080i50 (4:2:2)	✓	✓	✓	✓	✓	
	1080i30 (4:2:2)	✓	✓	✓	✓		
	1080i29.97 (4:2:2)	✓	✓	✓	✓		
	1080i25 (4:2:2)	✓	✓	✓	✓		
	SMPTE 425M (3G)						
	1080p60 (4:2:2)			✓	✓	✓	
	1080p50 (4:2:2)			✓	✓	✓	
	1080p30 (YUV - 4:4:4)						
	1080p25 (YUV - 4:4:4)						
	1080p24 (YUV - 4:4:4)						
	1080psf30 (YUV - 4:4:4)						
	1080psf25 (YUV - 4:4:4)						
	1080i60 (YUV - 4:4:4)						
	1080i50 (YUV - 4:4:4)						
	720p60 (YUV - 4:4:4)						
	720p59.94 (YUV - 4:4:4)						
	720p50 (YUV - 4:4:4)						
	720p25 (YUV - 4:4:4)						
	720p24 (YUV - 4:4:4)						
	SMPTE 260M (HD)						
	1035i60 (4:2:2)	✓	✓	✓	✓		
	1035i59.94 (4:2:2)	✓	✓	✓	✓		
	SMPTE 125M (SD)						
	576i50 - PAL	✓	✓	✓	✓	✓	
	480i60 - NTSC	✓	✓	✓	✓		
	FEATURES	Bit rate support	1.5Gbit/s	1.5Gbit/s	3Gbit/s	3Gbit/s	3Gbit/s
		Number of channel input port supported	Single	Dual	Single	Dual	Single
		HD-SDI re-clock loop through output	✓	✓	✓	✓	✓
		AFD support	x	x	✓	✓	x
Closed caption data.		x	x	x	x	x	
Timecode.		x	x	x	x	x	
Output port		16 bit YCbCr	16 bit YCbCr	HDMI (v1.3) x 1	HDMI (v1.3) x 2	N/A	
Embedded audio		x	x	✓ (Stereo)	✓ (Stereo)	✓ (Stereo)	
Status LED to indicate input status		✓	✓	✓	✓	✓	
On-board power on/off switch		x	x	✓	✓	x	
Input Power Range		5v ± 5%	5v ± 5%	12v ± 5%	12v ± 5%	12v ± 5%	
Operating Temperature (degree C)		0~60	0~60	0~60	0~60	0~60	
Conformal Coating		Option	Option	Option	Option	Option	
3 Years Digital View Warranty	✓	✓	✓	✓	✓		
RoHS Compliant	✓	✓	✓	✓	✓		